State of Ohio Environmental Protection Agency

Street Address:
Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 **FAX:** (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

07/31/03

CERTIFIED MAIL

RE: Final Title V Chapter 3745-77 permit

06-66-00-0000
United States Enrichment Corporation
Robert A. Blythe
3930 U.S. Route 23 South
P.O. Box 628, MS 5200
Piketon, OH 45661-0628

Dear Robert A. Blythe:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, Ohio 43215

If you have any questions, please contact Southeast District Office.

Sincerely,

Michael W. Ahern

Michael W. Ahern
Permit Issuance and Data Management Section
Division of Air Pollution Control

cc: Southeast District Office
File, DAPC PMU

State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: **07/31/03**	Effective Date: **08/21/03**	Expiration Date: **08/21/08**

This document constitutes issuance of a Title V permit for Facility ID: 06-66-00-0000 to:
United States Enrichment Corporation
3930 U.S. Route 23 South
P.O. Box 628, MS 5200
Piketon, OH 45661-0628

Emissions Unit ID (Company ID)/Emissions Unit Activity Description

B001 (X-600 Steam Plant Boiler #1 (South))
158 MM BTU/hr Wickes coal-fired boiler

B002 (X-600 Steam Plant Boiler #2 (Middle))
158 MM BTU/hr Wickes coal-fired boiler

B003 (X-600 Steam Plant Boiler #3 (North))
158 MM BTU/hr Wickes coal-fired boiler

B016 (X-326 Dry Air Plant Emergency Diesel Compressor)
750 Hp emergency Diesel compressor driving a 3500 cfm Ingersoll Rand compressor.

B022 (X-330 Dry Air Plant Emergency Diesel Compressor)
750 Hp emergency Diesel compressordriving a 3500 cfm Ingersoll Rand compressor.

F001 (Plant Roads and Parking Areas)
All plant roads inside security fence and all USEC employee parking lots. 27.07 mi paved roads, 9.28 mi unpaved roads, and approximately 4 million sq ft of paved parking areas and material storage and handling areas. Emissions calculated to be 4.74 tpy PM using many assumptions.

N002 (X-720 Motor Shop Burn-Off Oven)
Diesel-fueled oven for charring insulation on electric motors.

P040 (X-700 Biodenitrification Vent #1)
Biological process to digest waste nitrate-bearing aqueous solutions (raffinate from X-705 Uranium Recovery Process) to nitrogen, carbon dioxide, and water.

P041 (X-700 Biodenitrification Vent #2)
Biological process to digest waste nitrate-bearing aqueous solutions (raffinate from X-705 Uranium Recovery Process) to nitrogen, carbon dioxide, and water.

P042 (X-700 Biodenitrification Vent #3)
Biological process to digest waste nitrate-bearing aqueous solutions (raffinate from X-705 Uranium Recovery Process) to nitrogen, carbon dioxide, and water.

P045 (X-700 Radiation Calibration Lab Fume Hood)
Lab hood used to clean and repair portable radiation meters and clean adhesive off Mylar window frames on Berthold radiation monitors. Uses Vortex brand citrus-based semi-aqueous, organic solvent, lacquer thinner, and ethanol.

P053 (X-705 Calciners (B Area))
Bartlett-Snow-Pacific electric calciners for evaporating uranium-bearing solutions to form uranium oxide powder.

P065 (X-720 Instrument Cleaning Room Hood #4)
Sink with hood used for cleaning deposits from process instrumentation using acidic or basic solutions or organic solvents.

P067 (X-720 Motor Shop Steam Cleaning Booth)
Cleaning grease, oil, dirt, etc from electric motors prior to rebuild using aqueous detergent and steam.

P117 (X-333 Low Assay Withdrawal Seal Exhaust System)
Auxiliary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

P170 (X-705 Complexing Handtable)
Sink used to leach uranium from waste material such as process gas dust, dirt, field cleaning residue, and some parts using nitric acid.

P171 (X-705 Large Cylinder Cleaning Area)
Cleaning 30- and 48-inch cylinders with boric acid solution.

P172 (X-705 Dismantling Room (Blue Room))
Disassembling large parts from the gaseous diffusion cascade.

P173 (X-705 Laboratory Fume Hood)
Analysis of process and waste solutions from X-705 processes.

P174 (X-705 Group 1 Handtables)
Two sinks with vent hoods for cleaning small parts with nitric acid, citric acid, sodium bisulfate, or soda ash..

P175 (X-705 Group 2 Handtables)
Two sinks with vent hoods for cleaning small parts with nitric acid, citric acid, sodium bisulfate, or soda ash.Used for parts contaminated with higher assay uranium.

P176 (X-705 Spray Tanks)
Leaching uranium from alumina and sodium fluoride pellets with nitric acid solution.

P177 (X-705 Small Parts Pit)
Cleaning and decontamination of small parts.

P178 (X-705 South Annex Decontamination Exhaust)
Disassembly and cleaning of parts contaminated with high assay uranium.

P179 (X-705 Tunnel Booth Exhausts (Reg 7-2-93))
Ventilation from large parts cleaning tunnel. Tunnel is series of five cleaning booths, two using citric acid, one using nitric acid, 1 water rinse and a drying booth.

P180 (X-705 Uranium Blending and Sampling Glove Box)
Glove box in which uranium powder is mixed for homogeneity and sampled for analysis.

P202 (X-710 Laboratory Hoods)
Various laboratory fume hoods used for a variety of analyses and processes.

P367 (X-720 BOP and Cylinder Repair Area)
Maintenance area for repairing cylinders and blowout preventers (BOPs).

P388 (X-705 Ion Exchange Column Vent)
Movable ventilation hood to capture vapors during changout of ion exchange resin used to capture technetium. Part of Uranium Recovery Process.

P389 (X-705 Heavy Metals Precipitation Vent)
Precipitation of heavy metals from acidic raffinate solutions by neutralization with sodium hydroxide. Part of Uranium Recovery Process.

P424 (X-333 Seal Exhaust System (Area 1))
Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

P425 (X-330 Seal Exhaust System (Area 2))
Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

P426 (X-330 Seal Exhaust System (Area 3))
Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

P427 (X-326 Seal Exhaust System (Area 4))
Ancillary system consisting of multiple vacuum

pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

P429 (X-326 Seal Exhaust System (Area 6))
Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

P430 (X-344 Pigtail Gulper)
This is an emissions control system, not a production process. Building contains four steam autoclaves and sampling/transfer manifolds. Enriched UF6 is sampled and transferred from 10-ton cylinders to 2.5 ton customer cylinders. Each autoclave has elephant trunk to capture any emissions resulting when cylinders are disconnected. Air (and any emissions) are vented through HEPA filters. Stack has continuous emissions sampler.

P440 (X-705 Dissolver Storage Columns)
Intermediate storage for solutions from various sources in Uranium Recovery Process.

P441 (X-705 T-Water Storage Columns)
Storage columns for effluent from Uranium Recovery Extractor/Stripper Columns.

P442 (X-705 Heavy Metals Storage Columns)
Storage columns for raffinate awaiting neutralization and precipitation of heavy metals. Part of Uranium Recovery.

P443 (X-705 Calciner Storage Columns)
Storage columns for uranium-bearing solutions prior to drying in calciners. Part of Uranium Recovery.

P445 (X-705 "A" Loop Storage Slabs)
Intermediate storage in Uranium Recovery Process.

P446 (X-705 "B" Loop Storage Slabs)
Intermediate storage in Uranium Recovery Process.

P448 (X-705 B1 Uranyl Nitrate Storage Columns)
Intermediate storage columns in Uranium Recovery.

P449 (X-705 Small Cylinder Cleaning Unit)
Cleaning small product cylinders with acidic or basic solutions.

P450 (X-705 Sodium Bifluoride Pellet Drier)
Electric oven for converting sodium bifluoride pellets to sodium fluoride pellets.

P451 (X-705 Seal Dismantling Room)
Room for disassembling compressor seal assemblies.

P454 (X-705 Calciner Glove Boxes (B-Area))
Two glove boxes with containers to catch dried uranium oxide powder produced by the calciners.

P456 (X-700 Small Parts Glass Blaster (Pangborn))
Cleaning small parts in glass bead blaster.

P457 (X-700 Large Parts Shot Blaster (Pangborn))
Cleaning large parts using blasting medium such as Black Beauty Shot.

P458 (X-326 Top Purge Cascade)
Purge system to remove unwanted light gases such as air from the gaseous diffusion cascade.

P459 (X-326 Side Purge Cascade)
Purge system to remove unwanted light gases such as air from the gaseous diffusion cascade.

P460 (X-330 Cold Recovery/Building Wet Air Evacuation Vent)
Combined vent for two ancillary processes. One removes radioactive particulate matter from residual process gas prior to opening process equipment for repair; the other removes wet air from the process equipment prior to putting it back into service following repair.

P461 (X-333 Cold Recovery Vent)
Ancillary process to remove radioactive particulate matter from residual process gas prior to opening process equipment for repair.

P462 (X-333 Building Wet Air Evacuation Vent)
Ancillary process to remove wet air from process equipment prior to putting it back into service following repair.

P463 (700 kw Mobile Emergency Generator #1)
700 kw diesel-powered mobile emergency generator with 1000 gal double-walled steel fuel tank.

P464 (X-600 Mobile Emergency Generator)
50 kw diesel-powered mobile emergency generator.

P465 (X-326 Seal Exhaust System (Area 5))
Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

P466 (XT-847 Glove Box)
Glove box to repackage radioactively-contaminated materials for shipment to licensed waste disposal facility.

P468 (X-343 Feed Vaporization and Sampling Facility)
Building containing seven steam autoclaves for heating cylinders of uranium hexafluoride (UF6). Prior to June 1, 2001, UF6 was fed to the gaseous diffusion cascade. After enrichment shutdown June 1, 2001, autoclaves will be used to heat UF6 product from Paducah, KY plant for sampling. Building has three sets of cold traps followed by chemical traps to remove uranium compounds prior to venting. There were no atmospheric vents prior to 2001.

P469 (X-344 Toll Transfer Facility (Cold Traps))
Building containing four steam autoclaves for heating cylinders of uranium hexafluoride (UF6) for sampling and transfer to customer cylinders. Building has Three sets of cold traps followed by chemical traps to remove uranium compounds prior to venting.

P470 (X-705 8&12" Cylinder Cleaning Area)
Room used to clean 8" and 12" UF6 cylinders with nitric acid, citric acid or other agent. Wash and rinse solutions collected for recovery. May be used to clean 2 1/2 ton customer cylinders.

P471 (X-705 A/B Loop T-Water Storage Columns)
Combined vent in Uranium Recovery Area. "A" & "B" Loop T-Water Storage Columns and several other storage tanks.

P472 (X-705 Compressor Turnover Pit)
Large rectangular pit below floor level with fixture to hold and rotate large compressors for the initial stages of disassembly. Has HEPA-filtered ventilation system to adequately ventilate confined space.

P473 (X-705 Dry Ice Blaster)
Small HEPA-filtered dry ice blaster for cleaning small parts.

P474 (X-720 Instrument Cleaning Room Glove Box)
Plexiglas glove box for opening and initial cleaning of process instrumentation.

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

Southeast District Office
2195 Front Street
Logan, OH 43138
(740) 385-8501

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Record Keeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.
ii. The date(s) analyses were performed.
iii. The company or entity that performed the analyses.
iv. The analytical techniques or methods used.
v. The results of such analyses.
vi. The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c. The permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

ii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) with respect to emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

(a) Written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations ; (ii) the probable cause of such deviations; and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Part III of this Title V permit, the written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii)

pertaining to the prompt reporting of all deviations. See B.6 below if no deviations occurred during the quarter.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) ,(ii) and (iii))

(b) Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the deviation reporting requirements for this Title V permit, written reports that identify each malfunction that occurred during each calendar quarter shall be submitted, at a minimum, quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters.

In identifying each deviation caused by a malfunction, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Also, if a deviation caused by a malfunction is identified in a written report submitted pursuant to paragraph (a) above, a separate report is not required for that malfunction pursuant to this paragraph. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing, at a minimum, on a quarterly basis.

Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation, operational restriction, and control device operating parameter limitation shall be reported in the same manner as described above for malfunctions. These written reports for malfunctions (and scheduled maintenance projects, if appropriate) shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(iii))

iii. **For monitoring, record keeping, and reporting requirements:**
Written reports that identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year, for the previous six calendar months. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, record keeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no deviations occurred during that period.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

iv. Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a. a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b. as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.
(Authority for term: OAC rule 3745-77-07(A)(5))

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
(Authority for term: OAC rule 3745-77-07(A)(6))

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Authority for term: OAC rule 3745-77-07(A)(7))

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

10. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is

later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

12. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement.

Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
ii. Compliance certifications shall include the following:
   (a) An identification of each term or condition of this permit that is the basis of the certification.
   (b) The permittee's current compliance status.
   (c) Whether compliance was continuous or intermittent.
   (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
   (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

13. Permit Shield

a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the

Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).
(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.
(Authority for term: OAC rule 3745-77-07(G))

16. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)

(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.
(This term is provided for informational purposes only.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.
(Authority for term: OAC rule 3745-77-07(A)(1))

19. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-07(A)(1))

20. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.
(Authority for term: OAC rule 3745-77-07(A)(1))

B. *State Only Enforceable Section*

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and

shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

2. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

3. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

4. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

6. Additional Reporting Requirements When There Are No Deviations of <u>Federally Enforceable</u> Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

1. Emissions units B001, B002, and B003 are not currently subject to the requirements specified in 40 CFR Part 60, Subparts D and Da, because construction did not commence and modifications were not made after the effective dates of these Subparts.

2. This facility is subject to the applicable requirements specified in OAC Chapter 3745-25. In accordance with Ohio EPA Engineering Guide #64, the emission control action programs, as specified in OAC rule 3745-25-03, shall be developed and submitted within 60 days after receiving notification from the Ohio EPA.

3. The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

4. [40 CFR 61.93(b)]
Radionuclide emission measurements, in conformance with the requirements of 40 CFR 63.93(b), shall be made at all release points which have a potential to discharge radionuclides into the air in quantities which could cause an effective dose equivalent in excess of 1% of the standard. All radionuclides which could contribute greater than 10% of the potential effective dose equivalent, for a release point, shall be measured.

Radionuclide emissions shall be directly monitored or extracted, collected and measured using procedures outlined in 40 CFR 61.93(b), following the guidance presented in ANSIN13.1-1969 "Guide to Sampling Airborne Radioactive Material in Nuclear Facilities." Radionuclides shall be collected and measured using procedures based on the principles of measurement described in 40 CFR Part 91, Appendix B, Method 114. Periodic sampling or alternative air dispersion calculations and/or sampling measurements shall be used only with USEPA's prior approval.

5. [40 CFR 61.94]
The permittee shall use the measurements required by section A.4 above to calculate the highest effective dose equivalent to any member of the public at any offsite point where there is a residence, school, business or office. The permittee shall submit an annual report that includes the monitoring and dose calculations for the previous calendar year to USEPA and Ohio EPA by June 30 of the following year.

6. The following insignificant emissions units are located at this facility:

A. State and Federally Enforcable Section (continued)

B004 - 1.23 MMBTU/Hr Oil Fired Boiler (X-611);
B006 - 30 KW Emergency Diesel Generator (X -104 Police Headquarters);
B007 - 600 KW Emergency Diesel Generator (X -300B Plant Control Facility);
B008 - 325 KW Emergency Diesel Generator (X-326 Generator 6-1);
B009 - 325 KW Emergency Diesel Generator (X-326 Generator 6-2);
B010 - 325 KW Emergency Diesel Generator (X-326 Generator 5-1);
B011 - 325 KW Emergency Diesel Generator (X-326 Generator 5-2);
B012 - 325 KW Emergency Diesel Generator (X-326 Generator 4-1);
B013 - 325 KW Emergency Diesel Generator (X-326 Generator 4-2);
B014 - 30 KW Emergency Diesel Generator (X-326 Generator North Area 4);
B015 - 30 KW Emergency Diesel Generator (X-326 Generator North Area 6);
B017 - 325 KW Emergency Diesel Generator (X-330 Generator 3-1);
B018 - 325 KW Emergency Diesel Generator (X-330 Generator 3-2);
B019 - 325 KW Emergency Diesel Generator (X-330 Generator 2-1);
B020 - 325 KW Emergency Diesel Generator (X-330 Generator 2-2);
B021 - 325 KW Emergency Diesel Generator (X-330 Generator 2-3);
B023 - 500 KW Emergency Diesel Generator (X-333 Generator 33-1);
B024 - 500 KW Emergency Diesel Generator (X-333 Generator 33-2);
B025 - 500 KW Emergency Diesel Generator (X-333 Generator 33-3);
B026 - 500 KW Emergency Diesel Generator (X-333 Generator 33-4);
B031 - 155 Hp Emergency Diesel-powered Pump (X-611C WTP pump #1);
B032 - 155 Hp Emergency Diesel-powered Pump (X-611C WTP pump #2);
B033 - 450 Hp Emergency Diesel-powered Pump (X-640-1 Fire Water System);
B034 - 100 KW Emergency Diesel Generator (X-710 Laboratory Building);
B035 - Emergency Diesel Generator (X-1007 Fire Station and Fire Alarm System);
B036 - 200 Hp Emergency Diesel Generator (X-1020 Emergency Generator);
B037 - 600 KW Emergency Diesel Generator (X-6000 Emergency Generator);
B038 - 685 Hp Emergency Diesel-powered Pump (X-6644 Fire Water Pump);
B039 - 137 Hp Emergency Diesel-powered Pump (X-6644 Sanitary Water Pump);

G001 - Gasoline and Diesel Dispensing Facility (X-750 Service Station);
L003 - Small Garage Type Degreaser (X-720 Instrument Shop);
L004 - Small Garage Type Degreaser (X-720 Utlities Shop);
L006 - Small Garage Type Degreaser (X-720 Seal Shop);
P009 - X-104A Indoor Firing Range;
P024 - X-600 Ash System;
P063 - X-720 Instrument Cleaning Room Hood #1;
P064 - X-720 Instrument Cleaning Room Hood #3;
P080 - X-326 Lube Oil Sytem 25-1;
P081 - X-326 Lube Oil Sytem 25-2;
P082 - X-326 Lube Oil Sytem 25-3;
P083 - X-326 Lube Oil Sytem 25-4;
P084 - X-326 Lube Oil Sytem 25-5;
P085 - X-326 Lube Oil Sytem 25-6;
P086 - X-326 Lube Oil Sytem 25-7;
P087 - X-326 Lube Oil Sytem 27-1;
P088 - X-326 Lube Oil Sytem 27-2;
P089 - X-326 Lube Oil Sytem 27-3;
P092 - X-330 Lube Oil Sytem 29-1;
P093 - X-330 Lube Oil Sytem 29-2;
P094 - X-330 Lube Oil Sytem 29-3;
P095 - X-330 Lube Oil Sytem 29-4;
P096 - X-330 Lube Oil Sytem 29-5;
P097 - X-330 Lube Oil Sytem 29-6;
P098 - X-330 Lube Oil Sytem 31-1;
P099 - X-330 Lube Oil Sytem 31-2;

A. State and Federally Enforcable Section (continued)

P100 - X-330 Lube Oil Sytem 31-3;
P101 - X-330 Lube Oil Sytem 31-4;
P102 - X-330 Lube Oil Sytem 31-5;
P118 - X-333 Lube Oil Sytem 33-1;
P119 - X-333 Lube Oil Sytem 33-2;
P120 - X-333 Lube Oil Sytem 33-3;
P123 - X-333 Lube Oil Sytem 33-4;
P124 - X-333 Lube Oil Sytem 33-5;
P125 - X-333 Lube Oil Sytem 33-6;
P126 - X-333 Lube Oil Sytem 33-7;
P127 - X-333 Lube Oil Sytem 33-8;
P130 - X-342A Fluorine Generation Hydrogen Purge Vent;
P132 - X-342A Sodium Fluoride Regeneration Vent;
P156 - X-611 Lime Conveyor Bag House(West);
P157 - X-611 Lime Conveyor Bag House(East);
P158 - X-611 Lime Conveyor Bag House(Silo);
P168 - X-700 Acid Nickel Stripping Exhaust;
P169 - X-700 Converter Cooler Dryer;
P368 - Carpenter Shop Sawdust Exhaust System;
P376 - X-720C Paint and Oil Storage Building;
P378 - X-720 Satellite Welding Area;
P379 - X-720 Seal Shop Acid Bath;
P380 - X-720 Seal Shop Hot Water Bath and Induction Heater;
P381 - X-720 Seal Shop Lapmaster;
P382 - X-720 Spectrometer Room Hood;
P383 - X-720 Toxic Locker;
P384 - X-750 Engine Exhaust Ventilation System;
P432 - X-700 Dip Tanks;
P452 - X-705 Maintenance Area Gulper;
P467 - Thompson Six-Inch Trash Pump (mobile);

A. State and Federally Enforcable Section (continued)

R001 - X-720 Paint Shop Spray Booth;
R003 - X-720 Motor Shop Bake Oven;
R005 - X-720 Motor Shop Paint Booth;
T006 - X-326 Dry Air Plant Fuel Oil Tank (1,500-gallon);
T007 - X-330 Dry Air Plant Fuel Oil Tank (1,500-gallon);
T009 - X-611 Fuel Oil Tank (300-gallon);
T010 - X-611C Fuel Oil Tank (500-gallon);
T011 - X-640-1 Fuel Oil Tank (500-gallon);
T012 - X-720 Motor Shop Fuel Oil Tank (4,000-gallon);
T015 - X-326 Security Fuel Oil Tank North Area 4 (100-gallon);
T016 - X-326 Security Fuel Oil Tank South Area 6 (100-gallon);
T017 - X-326 Fuel Oil Tank 5-1 (250-gallon);
T018 - X-326 Fuel Oil Tank 5-2 (250-gallon);
T019 - X-326 Fuel Oil Tank 4-1 (250-gallon);
T020 - X-326 Fuel Oil Tank 4-2 (250-gallon);
T021 - X-330 Fuel Oil Tank 3-1 (250-gallon);
T022 - X-330 Fuel Oil Tank 3-2 (250-gallon);
T023 - X-330 Fuel Oil Tank 2-1 (250-gallon);
T024 - X-330 Fuel Oil Tank 2-2 (250-gallon);
T025 - X-330 Fuel Oil Tank 2-3 (250-gallon);
T026 - X-333 Fuel Oil Tank 33-1 (250-gallon);
T027 - X-333 Fuel Oil Tank 33-2 (250-gallon);
T028 - X-333 Fuel Oil Tank 33-3 (250-gallon);
T029 - X-333 Fuel Oil Tank 33-4 (250-gallon);
T032 - X-710 Fuel Oil Tank (500-gallon);
T035 - X-300B Fuel Oil Tank (2,000-gallon);
T036 - X-326 Fuel Oil Tank 6 (5,000-gallon);
T037 - X-1007 Fuel Oil Tank (500-gallon);
T038 - X-1020 Fuel Oil Tank (550-gallon);
T047 - X-6000 Fuel Oil Tank (10,000-gallon);
T063 - X-6644 Fire Water Fuel Oil Tank (550-gallon);
T064 - X-6644 Sanitary Water Fuel Oil Tank (250-gallon);
T066 - X-700 Trichloroethane Tank (5,000-gallon);
T087 - X-700 Chemical Cleaning and Degreasing Tanks;
T093 - X-104 Fuel Oil Tank (250-gallon);

Z001 - X-700 Methanol Tank (7,800-gallon);
Z002 - X-342 Fluorine Generation;
Z003 - X-330 Satellite Gasoline Tank (250-gallon);
Z004 - X-333 Satellite Gasoline Tank (250-gallon);
Z005 - X-344B Satellite Gasoline Tank (250-gallon);
Z006 - X-344B Satellite Gasoline Tank (250-gallon);
Z007 - X-705 Satellite Gasoline Tank (250-gallon);
Z008 - X-720 Satellite Gasoline Tank (250-gallon);
Z009 - X-600 Fuel Oil Tank (250-gallon);
Z010 - Amida Diesel Light Plant;
Z011 - Amida Diesel Light Plant;
Z012 - Goodall Portable Generator 16 Hp;
Z013 - Peabody-Barnes Six-Inch Diesel Pump 42 Hp;
Z014 - Peabody-Barnes Six-Inch Diesel Pump 42 Hp;
Z015 - Peabody-Barnes Four-Inch Diesel Pump 8 Hp;
Z016 - Peabody-Barnes Four-Inch Diesel Pump 8 Hp;

A. State and Federally Enforcable Section (continued)

Z017 - R.S. Corcoran Two-Inch Diesel Trash Pump;
Z018 - R.S. Corcoran Two-Inch Diesel Trash Pump;
Z019 - R.S. Corcoran Two-Inch Diesel Trash Pump;
Z020 - Waterous Floating Pump;
Z021 - Peabody-Barnes Four-Inch Diesel Pump 46 Hp;
Z022 - Peabody-Barnes Four-Inch Diesel Pump 46 Hp;
Z023 - Davey 160 cfm Air Compressor;
Z024 - Leroi 125 cfm Air Compressor;
Z025 - Champion 200 psi Air Compressor;
Z026 - Lerio 185 cfm Air Compressor;
Z027 - Miller 200 Amp DC Welder;
Z028 - Miller 200 Amp DC Welder;
Z029 - Miller 300 Amp Portable Welder;
Z030 - X600A Coal Pile Yard; and
Z031 - X-114A Outdoor Firing Range.

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a permit to install for the emissions unit.

7.a The permittee may be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for industrial boilers, 40 CFR Part 63, Subpart DDDD, and for reciprocating internal combustion engines, 40 CFR Part 63, Subpart ZZZZZ. USEPA failed to promulgate this standard by May 15, 2002, the Maximum Achievable Control Technology (MACT) hammer date. In accordance with 40 CFR Part 63, Subpart B (40 CFR Parts 63.50 through 63.56), the permittee shall submit an application to revise this permit to include equivalent emission limitations as a result of a case-by-case MACT determination. The application shall be submitted in two parts. The deadline to submit the Part I application, as specified in 40 CFR Part 63.53, was May 15, 2002.

7.b If the final NESHAP standard is not promulgated by the deadline specified by USEPA, the permittee shall submit the Part II application as specified in 40 CFR Part 63.53. The Part II application shall be submitted within 60 days after the deadline to promulgate the respective standard or by May 15, 2003, whichever is later. It must contain the following information, unless otherwise specified by future USEPA regulations:

i. for a new affected source, the anticipated date of startup of operation;

ii. the hazardous air pollutants (HAPs) emitted by each affected source in the relevant source category and an estimated total uncontrolled and controlled emission rate for HAPs from the affected source;

iii. any existing federal, State, or local limitations or requirements applicable to the affected source;

iv. for each affected emission point or group of affected emission points, an identification of control technology in place;

v. information relevant to establishing the MACT floor (or MACT emission limitation), and, at the option of the permittee, a recommended MACT floor; and

vi. any other information reasonably needed by the Director including, at the discretion of the Director, information required pursuant to 40 CFR Part 63, Subpart A.

A. State and Federally Enforcable Section (continued)

7.c The Part II application for a MACT determination may, but is not required to, contain the following information:

i. recommended emission limitations for the affected source and support information (the permittee may recommend a specific design, equipment, work practice, or operational standard, or combination thereof, as an emission limitation);

ii. a description of the control technologies that would be applied to meet the emission limitation, including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied; and

iii. relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.

7.d If the NESHAP is promulgated before the Part II application is due for the relevant source category, the permittee may be subject to the rule as an existing major source with a compliance date as specified in the NESHAP. If subject, the permittee shall submit the following notifications:

i. Unless otherwise specified in the relevant Subpart, within 120 days after promulgation of a 40 CFR Part 63 Subpart to which the source is subject, the permittee shall submit an Initial Notification Report that contains the following information, in accordance with 40 CFR Part 63.9(b)(2):

(a) the name and mailing address of the permittee;

(b) the physical location of the source if it is different from the mailing address;

(c) identification of the relevant MACT standard and the source's compliance date;

(d) a brief description of the nature, design, size, and method of operation of the source, and an identification of the types of emission points within the affected source subject to the relevant standard and the types of HAPs emitted; and

(e) a statement confirming the facility is a major source for HAPs.

Unless otherwise specified in the relevant Subpart, within 60 days following completion of any required compliance demonstration activity specified in the relevant Subpart, the permittee shall submit a notification of compliance status that contains the following information:

(a) the methods used to determine compliance;

(b) the results of any performance tests, visible emission observations, continuous monitoring systems performance evaluations, and/or other monitoring procedures or methods that were conducted;

(c) the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;

(d) the type and quantity of HAPs emitted by the source, reported in units and averaging times in accordance with the test methods specified in the relevant Subpart;

(e) an analysis demonstrating whether the affected source is a major source or an area source;

(f) a description of the air pollution control equipment or method for each emission point, including each control device or method for each HAP and the control efficiency (percent) for each control device or method; and

(g) a statement of whether or not the permittee has complied with the requirements of the relevant Subpart.

B. State Only Enforceable Section

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-600 Steam Plant Boiler #1 (South) (B001)

Activity Description: 158 MM BTU/hr Wickes coal-fired boiler

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Wickes spreader stoker coal-fired boiler with fly ash reinjection, (X-600 South Boiler # 1), having a maximum capacity of 158 mmBtu/hr, and controlled with an electrostatic precipitator (ESP)	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-10(C)(2)	0.19 pound of particulate emissions per mmBtu of actual heat input, based on the total combined heat input from emissions units B001, B002, and B003
	OAC rule 3745-18-72(B)	6.16 pounds of sulfur dioxide per mmBtu of actual heat input

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The quality of the coal burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in section A.I.1 of these terms and conditions.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain equipment to continuously monitor and record the opacity of the visible particulate emissions from this emissions unit. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

Each continuous monitoring system consists of all the equipment used to acquire data and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software.

The permittee shall maintain a certification letter from the Ohio EPA documenting that the continuous opacity monitoring system has been certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1. The letter of certification shall be made available to the Ohio EPA Southeast District Office upon request.

The permittee shall maintain records of the following data obtained by the continuous opacity monitoring system: percent opacity on a 6-minute block average basis, results of daily zero/span calibration checks, and magnitude of manual calibration adjustments.

2. The permittee shall maintain monthly records of the total quantity of coal received and the results of the analyses for sulfur content and heat content and the calculated sulfur dioxide emission rate (in lbs/mmBtu) for all of the shipments of coal during the calendar month.

Each day, the permittee shall collect a representative sample of each shipment of coal which is received for burning and create a daily composite sample for all the coal shipments. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal.

Each daily composite sample of coal shall be analyzed for ash content (percent), sulfur content (percent), and heat content (Btu/pound of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3174, Ash in the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D2015, Gross Calorific Value of Solid Fuel by the Adiabatic Bomb Calorimeter, ASTM method D3286, Gross Calorific Value of Coal and Coke by the Isothermal Bomb Calorimeter, or ASTM method D1989, Standard Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeters, respectively. Alternative, equivalent methods may be used upon written approval from the Ohio EPA, Southeast District Office.

3. To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain a temperature monitor that measures the temperature of the boiler exhaust gases entering the ESP (a) during all periods of start-up until the ESP is operational or until the inlet temperature of the ESP achieves 350 degrees Fahrenheit and (b) during all periods of shutdown until the inlet temperature of the ESP drops below 350 degrees Fahrenheit. An electronic or hardcopy record of the temperatures during periods of start-up and shutdown shall be maintained.

The temperature monitor shall be installed, calibrated, operated, and maintained in accordance with manufacturer's recommendations, with any modifications deemed necessary by the permittee, and shall be capable of accurately measuring the temperature of the boiler exhaust gases in units of degrees Fahrenheit.

IV. Reporting Requirements

1. The permittee shall submit reports (hardcopy or electronic format) within 30 days following the end of each calendar quarter to the Ohio EPA Southeast District Office documenting all instances of opacity values in excess of the limitations specified in section A.I.1 above, detailing the date, commencement and completion times, duration, magnitude (percent opacity), reason (if known), and corrective actions taken (if any) of each 6-minute block average above the applicable opacity limitation.

The reports shall also identify any excursions of the start-up and shutdown provisions specified in OAC rule 3745-17-07(A)(3) and document any continuous opacity monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective actions taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason, and corrective actions taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the date, time, reason, and corrective actions taken for each time period of monitoring system malfunction. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report.

These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

2. The permittee shall submit deviation (excursion) reports which identify any calculated monthly sulfur dioxide emission rate (in lbs/mmBtu) greater than the sulfur dioxide emission limitation specified in section A.I.1 of these terms and conditions.

The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9 and in OAC rule 3745-17-03(B)(1)

1.b Emission Limitation:

0.19 pound of particulate emissions per mmBtu of actual heat input, based on the total combined heat input from emissions units B001, B002, and B003

Applicable Compliance Method:

Compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and in OAC rule 3745-17-03(B)(9).

V. Testing Requirements (continued)

1.c Emission Limitation:

6.16 pounds of sulfur dioxide per mmBtu of actual heat input

Applicable Compliance Method:

Compliance with the allowable sulfur dioxide emission limitation shall be demonstrated based upon the records required pursuant to section A.III.2.

If required, the permittee shall demonstrate compliance with the allowable sulfur dioxide emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted approximately 2.5 years after permit issuance and within 12 months prior to permit expiration;

b. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate; and

c. the emission testing shall be conducted while the emissions unit is operating at or near its maximum capacity, unless other wise specified or approved by the Ohio EPA Southeast District Office.

Not later than 30 days prior to the proposed test dates, the permittee shall submit an "Intent to Test" notification to the Ohio EPA Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the times and dates of the tests, and the person who will be conducting the tests. Failure to submit such notification for review and approval prior to the test may result in the Ohio EPA's refusal to accept the results of the emission tests.

Personnel from the Ohio EPA Southeast District Office shall be permitted to witness the tests, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emission s from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission tests shall be submitted to the Ohio EPA Southeast District Office within 30 days following completion of the test. The permittee may obtain addition time for the submittal of the written report where warranted, with prior approval from the Ohio EPA Southeast District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-600 Steam Plant Boiler #2 (Middle) (B002)

Activity Description: 158 MM BTU/hr Wickes coal-fired boiler

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Wickes spreader stoker coal-fired boiler with fly ash reinjection, (X-600 Middle Boiler # 2), having a maximum capacity of 158 mmBtu/hr, and controlled with an electrostatic precipitator (ESP)	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-10(C)(2)	0.19 pound of particulate emissions per mmBtu of actual heat input, based on the total combined heat input from emissions units B001, B002, and B003
	OAC rule 3745-18-72(B)	6.16 pounds of sulfur dioxide per mmBtu of actual heat input

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The quality of the coal burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in section A.I.1 of these terms and conditions.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain equipment to continuously monitor and record the opacity of the visible particulate emissions from this emissions unit. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

Each continuous monitoring system consists of all the equipment used to acquire data and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software.

The permittee shall maintain a certification letter from the Ohio EPA documenting that the continuous opacity monitoring system has been certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1. The letter of certification shall be made available to the Ohio EPA Southeast District Office upon request.

The permittee shall maintain records of the following data obtained by the continuous opacity monitoring system: percent opacity on a 6-minute block average basis, results of daily zero/span calibration checks, and magnitude of manual calibration adjustments.

2. The permittee shall maintain monthly records of the total quantity of coal received and the results of the analyses for sulfur content and heat content and the calculated sulfur dioxide emission rate (in lbs/mmBtu) for all of the shipments of coal during the calendar month.

Each day, the permittee shall collect a representative sample of each shipment of coal which is received for burning and create a daily composite sample for all the coal shipments. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal.

Each daily composite sample of coal shall be analyzed for ash content (percent), sulfur content (percent), and heat content (Btu/pound of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3174, Ash in the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D2015, Gross Calorific Value of Solid Fuel by the Adiabatic Bomb Calorimeter, ASTM method D3286, Gross Calorific Value of Coal and Coke by the Isothermal Bomb Calorimeter, or ASTM method D1989, Standard Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeters, respectively. Alternative, equivalent methods may be used upon written approval from the Ohio EPA, Southeast District Office.

3. To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain a temperature monitor that measures the temperature of the boiler exhaust gases entering the ESP (a) during all periods of start-up until the ESP is operational or until the inlet temperature of the ESP achieves 350 degrees Fahrenheit and (b) during all periods of shutdown until the inlet temperature of the ESP drops below 350 degrees Fahrenheit. An electronic or hardcopy record of the temperatures during periods of start-up and shutdown shall be maintained.

The temperature monitor shall be installed, calibrated, operated, and maintained in accordance with manufacturer's recommendations, with any modifications deemed necessary by the permittee, and shall be capable of accurately measuring the temperature of the boiler exhaust gases in units of degrees Fahrenheit.

IV. Reporting Requirements

1. The permittee shall submit reports (hardcopy or electronic format) within 30 days following the end of each calendar quarter to the Ohio EPA Southeast District Office documenting all instances of opacity values in excess of the limitations specified in section A.I.1 above, detailing the date, commencement and completion times, duration, magnitude (percent opacity), reason (if known), and corrective actions taken (if any) of each 6-minute block average above the applicable opacity limitation.

The reports shall also identify any excursions of the start-up and shutdown provisions specified in OAC rule 3745-17-07(A)(3) and document any continuous opacity monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective actions taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason, and corrective actions taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the date, time, reason, and corrective actions taken for each time period of monitoring system malfunction. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report.

These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

2. The permittee shall submit deviation (excursion) reports which identify any calculated monthly sulfur dioxide emission rate (in lbs/mmBtu) greater than the sulfur dioxide emission limitation specified in section A.I.1 of these terms and conditions.

The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9 and in OAC rule 3745-17-03(B)(1)

1.b Emission Limitation:

0.19 pound of particulate emissions per mmBtu of actual heat input, based on the total combined heat input from emissions units B001, B002, and B003

Applicable Compliance Method:

Compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and in OAC rule 3745-17-03(B)(9).

V. Testing Requirements (continued)

1.c Emission Limitation:

6.16 pounds of sulfur dioxide per mmBtu of actual heat input

Applicable Compliance Method:

Compliance with the allowable sulfur dioxide emission limitation shall be demonstrated based upon the records required pursuant to section A.III.2.

If required, the permittee shall demonstrate compliance with the allowable sulfur dioxide emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted approximately 2.5 years after permit issuance and within 12 months prior to permit expiration;

b. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate; and

c. the emission testing shall be conducted while the emissions unit is operating at or near its maximum capacity, unless other wise specified or approved by the Ohio EPA Southeast District Office.

Not later than 30 days prior to the proposed test dates, the permittee shall submit an "Intent to Test" notification to the Ohio EPA Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the times and dates of the tests, and the person who will be conducting the tests. Failure to submit such notification for review and approval prior to the test may result in the Ohio EPA's refusal to accept the results of the emission tests.

Personnel from the Ohio EPA Southeast District Office shall be permitted to witness the tests, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emission s from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission tests shall be submitted to the Ohio EPA Southeast District Office within 30 days following completion of the test. The permittee may obtain addition time for the submittal of the written report where warranted, with prior approval from the Ohio EPA Southeast District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-600 Steam Plant Boiler #3 (North) (B003)

Activity Description: 158 MM BTU/hr Wickes coal-fired boiler

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Wickes spreader stoker coal-fired boiler with fly ash reinjection, (X-600 North Boiler # 3), having a maximum capacity of 158 mmBtu/hr, and controlled with an electrostatic precipitator (ESP)	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-10(C)(2)	0.19 pound of particulate emissions per mmBtu of actual heat input, based on the total combined heat input from emissions units B001, B002, and B003
	OAC rule 3745-18-72(B)	6.16 pounds of sulfur dioxide per mmBtu of actual heat input

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The quality of the coal burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified in section A.I.1 of these terms and conditions.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain equipment to continuously monitor and record the opacity of the visible particulate emissions from this emissions unit. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

Each continuous monitoring system consists of all the equipment used to acquire data and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data recording/processing hardware and software.

The permittee shall maintain a certification letter from the Ohio EPA documenting that the continuous opacity monitoring system has been certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 1. The letter of certification shall be made available to the Ohio EPA Southeast District Office upon request.

The permittee shall maintain records of the following data obtained by the continuous opacity monitoring system: percent opacity on a 6-minute block average basis, results of daily zero/span calibration checks, and magnitude of manual calibration adjustments.

2. The permittee shall maintain monthly records of the total quantity of coal received and the results of the analyses for sulfur content and heat content and the calculated sulfur dioxide emission rate (in lbs/mmBtu) for all of the shipments of coal during the calendar month.

Each day, the permittee shall collect a representative sample of each shipment of coal which is received for burning and create a daily composite sample for all the coal shipments. The coal sampling shall be performed in accordance with ASTM method D2234, Collection of a Gross Sample of Coal.

Each daily composite sample of coal shall be analyzed for ash content (percent), sulfur content (percent), and heat content (Btu/pound of coal). The analytical methods for ash content, sulfur content and heat content shall be: ASTM method D3174, Ash in the Analysis of Coal and Coke; ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D2015, Gross Calorific Value of Solid Fuel by the Adiabatic Bomb Calorimeter, ASTM method D3286, Gross Calorific Value of Coal and Coke by the Isothermal Bomb Calorimeter, or ASTM method D1989, Standard Test Method for Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeters, respectively. Alternative, equivalent methods may be used upon written approval from the Ohio EPA, Southeast District Office.

3. To obtain an exemption pursuant to OAC rule 3745-17-07(A)(3)(a)(i) or (A)(3)(b)(i), the permittee shall operate and maintain a temperature monitor that measures the temperature of the boiler exhaust gases entering the ESP (a) during all periods of start-up until the ESP is operational or until the inlet temperature of the ESP achieves 350 degrees Fahrenheit and (b) during all periods of shutdown until the inlet temperature of the ESP drops below 350 degrees Fahrenheit. An electronic or hardcopy record of the temperatures during periods of start-up and shutdown shall be maintained.

The temperature monitor shall be installed, calibrated, operated, and maintained in accordance with manufacturer's recommendations, with any modifications deemed necessary by the permittee, and shall be capable of accurately measuring the temperature of the boiler exhaust gases in units of degrees Fahrenheit.

IV. Reporting Requirements

1. The permittee shall submit reports (hardcopy or electronic format) within 30 days following the end of each calendar quarter to the Ohio EPA Southeast District Office documenting all instances of opacity values in excess of the limitations specified in section A.I.1 above, detailing the date, commencement and completion times, duration, magnitude (percent opacity), reason (if known), and corrective actions taken (if any) of each 6-minute block average above the applicable opacity limitation.

The reports shall also identify any excursions of the start-up and shutdown provisions specified in OAC rule 3745-17-07(A)(3) and document any continuous opacity monitoring system downtime while the emissions unit was on line (date, time, duration and reason) along with any corrective actions taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason, and corrective actions taken for each time period of emissions unit and control equipment malfunctions. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line shall be included in the quarterly report.

If there are no excess emissions during the calendar quarter, the permittee shall submit a statement to that effect along with the date, time, reason, and corrective actions taken for each time period of monitoring system malfunction. The total operating time of the emissions unit and the total operating time of the analyzer while the emissions unit was on line also shall be included in the quarterly report.

These quarterly excess emission reports shall be submitted by January 30, April 30, July 30, and October 30 of each year and shall address the data obtained during the previous calendar quarter.

2. The permittee shall submit deviation (excursion) reports which identify any calculated monthly sulfur dioxide emission rate (in lbs/mmBtu) greater than the sulfur dioxide emission limitation specified in section A.I.1 of these terms and conditions.

The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition A.1.c.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9 and in OAC rule 3745-17-03(B)(1)

1.b Emission Limitation:

0.19 pound of particulate emissions per mmBtu of actual heat input, based on the total combined heat input from emissions units B001, B002, and B003

Applicable Compliance Method:

Compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and in OAC rule 3745-17-03(B)(9).

V. Testing Requirements (continued)

1.c Emission Limitation:

6.16 pounds of sulfur dioxide per mmBtu of actual heat input

Applicable Compliance Method:

Compliance with the allowable sulfur dioxide emission limitation shall be demonstrated based upon the records required pursuant to section A.III.2.

If required, the permittee shall demonstrate compliance with the allowable sulfur dioxide emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted approximately 2.5 years after permit issuance and within 12 months prior to permit expiration;

b. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate; and

c. the emission testing shall be conducted while the emissions unit is operating at or near its maximum capacity, unless other wise specified or approved by the Ohio EPA Southeast District Office.

Not later than 30 days prior to the proposed test dates, the permittee shall submit an "Intent to Test" notification to the Ohio EPA Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the times and dates of the tests, and the person who will be conducting the tests. Failure to submit such notification for review and approval prior to the test may result in the Ohio EPA's refusal to accept the results of the emission tests.

Personnel from the Ohio EPA Southeast District Office shall be permitted to witness the tests, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emission s from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission tests shall be submitted to the Ohio EPA Southeast District Office within 30 days following completion of the test. The permittee may obtain addition time for the submittal of the written report where warranted, with prior approval from the Ohio EPA Southeast District Office.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-326 Dry Air Plant Emergency Diesel Compressor (B016)

Activity Description: 750 Hp emergency Diesel compressor driving a 3500 cfm Ingersoll Rand compressor.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
750 hp emergency diesel compressor (X-326 Dry Air Plant)	OAC rule 3745-17-11(B)(5)(b)	0.35 pound of particulate emissions per mmBtu of actual heat input See section A.I.2.a below.
	OAC rule 3745-17-11(B)(5)(b)	0.062 pound of particulate emissions per mmBtu of actual heat input See section A.I.2.b below.
	OAC 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
	OAC rule 3745-18-06(B)	Exempt. See section A.I.2.c below.

2. Additional Terms and Conditions

2.a The requirement to comply with this particulate emission limitation shall terminate on the date the USEPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

2.b This particulate emission limitation shall be effective and federally enforceable on the date the USEPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

2.c OAC rule 3745-18-06(B) exempts stationary internal combustion engines which have rated heat input capacities equal to or less than 10 mmBtu/hr from the sulfur dioxide emission limit in OAC rule 3745-18-06(G). This emissions unit has a rated heat input of 5.62 mmBtu/hr.

II. Operational Restrictions

1. The permittee shall burn only diesel fuel in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation:

0.35 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2 (10/96).

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and in OAC rule 3745-17-03(B)(9).

1.b Emission Limitation:

0.062 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2 (10/96).

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and in OAC rule 3745-17-03(B)(9).

1.c Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9 and in OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-330 Dry Air Plant Emergency Diesel Compressor (B022)

Activity Description: 750 Hp emergency Diesel compressordriving a 3500 cfm Ingersoll Rand compressor.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
750 hp emergency diesel compressor (X-330 Dry Air Plant)	OAC rule 3745-17-11(B)(5)(b)	0.35 pound of particulate emissions per mmBtu of actual heat input See section A.I.2.a below.
	OAC rule 3745-17-11(B)(5)(b)	0.062 pound of particulate emissions per mmBtu of actual heat input See section A.I.2.b below.
	OAC 3745-17-07(A)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
	OAC rule 3745-18-06(B)	Exempt. See section A.I.2.c below.

2. Additional Terms and Conditions

2.a The requirement to comply with this particulate emission limitation shall terminate on the date the USEPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

2.b This particulate emission limitation shall be effective and federally enforceable on the date the USEPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

2.c OAC rule 3745-18-06(B) exempts stationary internal combustion engines which have rated heat input capacities equal to or less than 10 mmBtu/hr from the sulfur dioxide emission limit in OAC rule 3745-18-06(G). This emissions unit has a rated heat input of 5.62 mmBtu/hr.

II. Operational Restrictions

1. The permittee shall burn only diesel fuel in this emissions unit.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation:

0.35 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2 (10/96).

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and in OAC rule 3745-17-03(B)(9).

1.b Emission Limitation:

0.062 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2 (10/96).

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5 and in OAC rule 3745-17-03(B)(9).

1.c Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9 and in OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Plant Roads and Parking Areas (F001)

Activity Description: All plant roads inside security fence and all USEC employee parking lots. 27.07 mi paved roads, 9.28 mi unpaved roads, and approximately 4 million sq ft of paved parking areas and material storage and handling areas. Emissions calculated to be 4.74 tpy PM using many assumptions.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Plant Roads and Parking Areas	none	See section A.I.2.a below.

2. Additional Terms and Conditions

2.a This facility is not located in an Appendix A area as described in OAC rule 3745-17-08; therefore, OAC rules 3745-17-07(B) and 3745-17-08(B) do not apply to this fugitive emissions unit.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-720 Motor Shop Burn-Off Oven (N002)

Activity Description: Diesel-fueled oven for charring insulation on electric motors.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-720 motor shop burn-off oven	OAC rule 3745-31-05(A)(3) (PTI 06-1812)	0.5 lb/hr of sulfur dioxide 0.4 lb/hr of nitrogen oxides The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-09(B), OAC 3745-17-07(A), and 40 CFR Part 61, Subparts A & H.
	40 CFR Part 61, Subparts A & H	See section A.I.2 below.
	OAC rule 3745-17-09(B)	0.1 pound of particulate emissions per 100 pounds charged
	OAC 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(b)]
On and after the effective date of this permit, the permittee shall maintain sufficient records to demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individual living within 3 kilometers of all sources of emissions in the facility.

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

4. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the color of the emissions;
b. whether the emissions are representative of normal operations;
c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
d. the total duration of any visible emission incident; and
e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18.U.S.C. 1001."

IV. Reporting Requirements (continued)

2. All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c), as described in section VI. below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

IV. Reporting Requirements (continued)

6. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA Southeast District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

2. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

2.a Emission Limitation:

0.5 lb/hr of sulfur dioxide

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 6.

2.b Emission Limitation:

0.4 lb/hr of nitrogen oxides

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 7.

V. Testing Requirements (continued)

2.c Emission Limitation:

0.1 pound of particulate emissions per 100 pounds charged

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

2.d Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section A.IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-700 Biodenitrification Vent #1 (P040)

Activity Description: Biological process to digest waste nitrate-bearing aqueous solutions (raffinate from X-705 Uranium Recovery Process) to nitrogen, carbon dioxide, and water.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-700 biodenitrification vent #1	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-700 Biodenitrification Vent #2 (P041)

Activity Description: Biological process to digest waste nitrate-bearing aqueous solutions (raffinate from X-705 Uranium Recovery Process) to nitrogen, carbon dioxide, and water.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-700 biodenitrification vent #2	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.
Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-700 Biodenitrification Vent #3 (P042)

Activity Description: Biological process to digest waste nitrate-bearing aqueous solutions (raffinate from X-705 Uranium Recovery Process) to nitrogen, carbon dioxide, and water.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-700 biodenitrification vent #3	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-700 Radiation Calibration Lab Fume Hood (P045)

Activity Description: Lab hood used to clean and repair portable radiation meters and clean adhesive off Mylar window frames on Berthold radiation monitors. Uses Vortex brand citrus-based semi-aqueous, organic solvent, lacquer thinner, and ethanol.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-700 radiation calibration lab fume hood	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Calciners (B Area) (P053)

Activity Description: Bartlett-Snow-Pacific electric calciners for evaporating uranium-bearing solutions to form uranium oxide powder.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 calciners (B Area)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-720 Instrument Cleaning Room Hood #4 (P065)

Activity Description: Sink with hood used for cleaning deposits from process instrumentation using acidic or basic solutions or organic solvents.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-720 instrument cleaning room hood #4	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-720 Motor Shop Steam Cleaning Booth (P067)

Activity Description: Cleaning grease, oil, dirt, etc from electric motors prior to rebuild using aqueous detergent and steam.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-720 motor shop steam cleaning booth	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.
Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-333 Low Assay Withdrawal Seal Exhaust System (P117)

Activity Description: Auxiliary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-333 low assay withdrawal seal exhuast system	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

3. The permittee submitted an application for a permit to install for this unit on April 4, 1990. Ohio EPA is reviewing this application.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Complexing Handtable (P170)

Activity Description: Sink used to leach uranium from waste material such as process gas dust, dirt, field cleaning residue, and some parts using nitric acid.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 complexing handtable	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Large Cylinder Cleaning Area (P171)

Activity Description: Cleaning 30- and 48-inch cylinders with boric acid solution.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 large cylinder cleaning area	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Dismantling Room (Blue Room) (P172)

Activity Description: Disassembling large parts from the gaseous diffusion cascade.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 dismantling room (blue room)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Laboratory Fume Hood (P173)

Activity Description: Analysis of process and waste solutions from X-705 processes.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 laboratory fume hood	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

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U.S. Environmental Protection Agency
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Air and Radiation Division
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Director
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U.S. Environmental Protection Agency
Mail Drop 6601J
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Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Group 1 Handtables (P174)

Activity Description: Two sinks with vent hoods for cleaning small parts with nitric acid, citric acid, sodium bisulfate, or soda ash..

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 group 1 handtables	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Group 2 Handtables (P175)

Activity Description: Two sinks with vent hoods for cleaning small parts with nitric acid, citric acid, sodium bisulfate, or soda ash.Used for parts contaminated with higher assay uranium.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 group 2 handtables	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
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Chicago, IL, 60604-3507
Attn: David A. Ullrich*

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Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Spray Tanks (P176)

Activity Description: Leaching uranium from alumina and sodium fluoride pellets with nitric acid solution.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 spray tanks	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Small Parts Pit (P177)

Activity Description: Cleaning and decontamination of small parts.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 small parts pit	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 South Annex Decontamination Exhaust (P178)

Activity Description: Disassembly and cleaning of parts contaminated with high assay uranium.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 south annex decontamination exhuast	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
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Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Tunnel Booth Exhausts (Reg 7-2-93) (P179)

Activity Description: Ventilation from large parts cleaning tunnel. Tunnel is series of five cleaning booths, two using citric acid, one using nitric acid, 1 water rinse and a drying booth.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 tunnel booth exhuast (reg 7-2-93)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Uranium Blending and Sampling Glove Box (P180)

Activity Description: Glove box in which uranium powder is mixed for homogeneity and sampled for analysis.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 uranium blending and sampling glove box	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-710 Laboratory Hoods (P202)

Activity Description: Various laboratory fume hoods used for a variety of analyses and processes.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-710 laboratory hoods	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-720 BOP and Cylinder Repair Area (P367)

Activity Description: Maintenance area for repairing cylinders and blowout preventers (BOPs).

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-720 BOP and cylinder repair area	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Ion Exchange Column Vent (P388)

Activity Description: Movable ventilation hood to capture vapors during changout of ion exchange resin used to capture technetium. Part of Uranium Recovery Process.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 ion exchange column vent	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Heavy Metals Precipitation Vent (P389)

Activity Description: Precipitation of heavy metals from acidic raffinate solutions by neutralization with sodium hydroxide. Part of Uranium Recovery Process.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 heavy metals precipitation vent	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-333 Seal Exhaust System (Area 1) (P424)

Activity Description: Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-333 seal exhuast system (area 1)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-330 Seal Exhaust System (Area 2) (P425)

Activity Description: Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-330 seal exhuast system (area 2)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-330 Seal Exhaust System (Area 3) (P426)

Activity Description: Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-330 seal exhuast system (area 3)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-326 Seal Exhaust System (Area 4) (P427)

Activity Description: Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-326 seal exhuast system (area 4)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-326 Seal Exhaust System (Area 6) (P429)

Activity Description: Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-326 seal exhuast system (area 6)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-344 Pigtail Gulper (P430)

Activity Description: This is an emissions control system, not a production process. Building contains four steam autoclaves and sampling/transfer manifolds. Enriched UF6 is sampled and transferred from 10-ton cylinders to 2.5 ton customer cylinders. Each autoclave has elephant trunk to capture any emissions resulting when cylinders are disconnected. Air (and any emissions) are vented through

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-344 pigtail gulper	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Dissolver Storage Columns (P440)

Activity Description: Intermediate storage for solutions from various sources in Uranium Recovery Process.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 dissolver storage columns	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.
Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 T-Water Storage Columns (P441)

Activity Description: Storage columns for effluent from Uranium Recovery Extractor/Stripper Columns.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 t-water storage columns	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Heavy Metals Storage Columns (P442)

Activity Description: Storage columns for raffinate awaiting neutralization and precipitation of heavy metals. Part of Uranium Recovery.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 heavy metals storage columns	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.
Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Calciner Storage Columns (P443)

Activity Description: Storage columns for uranium-bearing solutions prior to drying in calciners. Part of Uranium Recovery.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 calciner storage columns	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 "A" Loop Storage Slabs (P445)

Activity Description: Intermediate storage in Uranium Recovery Process.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 "A" loop storage slabs	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 "B" Loop Storage Slabs (P446)

Activity Description: Intermediate storage in Uranium Recovery Process.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 "B" loop storage slabs	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.
Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 B1 Uranyl Nitrate Storage Columns (P448)

Activity Description: Intermediate storage columns in Uranium Recovery.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 B1 uranyl nitrate storage columns	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.
Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Small Cylinder Cleaning Unit (P449)

Activity Description: Cleaning small product cylinders with acidic or basic solutions.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 small cylinder cleaning unit	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Sodium Bifluoride Pellet Drier (P450)

Activity Description: Electric oven for converting sodium bifluoride pellets to sodium fluoride pellets.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 sodium bifluoride pellet drier	none	none

2. Additional Terms and Conditions

2.a This is a non-insignificant emissions unit due to its potential-to-emit hydrogen fluoride, a HAP, at 1.5 tpy.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Seal Dismantling Room (P451)

Activity Description: Room for disassembling compressor seal assemblies.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 seal dismantling room	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Calciner Glove Boxes (B-Area) (P454)

Activity Description: Two glove boxes with containers to catch dried uranium oxide powder produced by the calciners.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 calciner glove boxes (B-area)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-700 Small Parts Glass Blaster (Pangborn) (P456)

Activity Description: Cleaning small parts in glass bead blaster.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-700 small parts glass blaster (Pangborn)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-700 Large Parts Shot Blaster (Pangborn) (P457)

Activity Description: Cleaning large parts using blasting medium such as Black Beauty Shot.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-700 large parts glass blaster (Pangborn)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-326 Top Purge Cascade (P458)

Activity Description: Purge system to remove unwanted light gases such as air from the gaseous diffusion cascade.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-326 top purge cascade	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-326 Side Purge Cascade (P459)

Activity Description: Purge system to remove unwanted light gases such as air from the gaseous diffusion cascade.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-326 side purge cascade	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-330 Cold Recovery/Building Wet Air Evacuation Vent (P460)

Activity Description: Combined vent for two ancillary processes. One removes radioactive particulate matter from residual process gas prior to opening process equipment for repair; the other removes wet air from the process equipment prior to putting it back into service following repair.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-330 cold recovery/building wet air evacuation vent	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-333 Cold Recovery Vent (P461)

Activity Description: Ancillary process to remove radioactive particulate matter from residual process gas prior to opening process equipment for repair.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-333 cold recovery vent	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-333 Building Wet Air Evacuation Vent (P462)

Activity Description: Ancillary process to remove wet air from process equipment prior to putting it back into service following repair.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-333 building wet air evacuation vent	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: 700 kw Mobile Emergency Generator #1 (P463)

Activity Description: 700 kw diesel-powered mobile emergency generator with 1000 gal double-walled steel fuel tank.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
700 kw mobile emergency generator #1	OAC 3745-31-05(A)(3) (PTI 06-5102)	2.05 lbs/hour of sulfur dioxide 2.6 tpy of sulfur dioxide 31.17 lbs/hour of nitrogen oxides 39.9 tpy of nitrogen oxides 6.72 lbs/hour of carbon monoxide 8.6 tpy of carbon monoxide 2.52 lbs/hour of VOC 3.3 tpy of VOC 2.19 lbs/hr of particulate emissions 2.8 tpy of particulate emissions The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(5)(b), 3745-17-07(A), 3745-21-08(B), and 3745-23-06.
	OAC rule 3745-17-11(B)(5)(b)	0.35 pounds of particulate emissions per mmBtu of actual heat input See A.I.2.a below. 0.062 pounds of particulate emissions per mmBtu of actual heat input See A.I.2.b below.
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
	OAC rule 3745-21-08(B)	See section A.I.2.c below.
	OAC rule 3745-18-06(B)	Exempt. See section A.I.2.d.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-23-06	See section A.I.2.e below.

2. Additional Terms and Conditions

2.a The requirement to comply with this particulate emission limitation shall terminate on the date the USEPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

2.b This particulate emission limitation shall be effective and federally enforceable on the date the USEPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

2.c The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in PTI 06-5102.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.d OAC rule 3745-18-06(B) exempts stationary internal combustion engines which have rated heat input capacities equal to, or less than, 10 mmBtu/hr from the sulfur dioxide emission limit in OAC rule 3745-18-06(G). This emissions unit has a rated heat input of 7.07 mmBtu/hr.

2.e The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B), by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in PTI 06-5102.

II. Operational Restrictions

1. This emissions unit shall burn only low sulfur #2 diesel fuel, for which the sulfur content does not exceed 0.05 percent.

2. The maximum 12-month period fuel usage for this emissions unit shall not exceed 132,384 gallons for any rolling 12-month period.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than low sulfur #2 diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall maintain records of each fuel shipment that indicate:

a. the permittee's, oil supplier's or manufacturer's analyses for percent sulfur and heat content (Btu/gallon); and

b. the quantity (gallons) of each shipment.

3. The permittee shall maintain monthly records of the total gallons of fuel used and the total gallons of fuel used during the rolling 12-month period in this emissions unit.

4. The permittee shall maintain a record of the hours of operation for each day this emissions unit operates during a calendar year.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than low sulfur #2 diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

2. The permittee shall notify the Ohio EPA Southeast District Office in writing of any record that shows a deviation of the allowable percent sulfur limitation in section A.II.1. The notification shall be sent to the Ohio EPA Southeast District Office within 45 days after the deviation occurs.

3. The permittee shall notify the Ohio EPA Southeast District Office in writing of any record that shows a deviation of the rolling 12-month fuel usage limitation in section A.II.2. The notification shall be sent to the Ohio EPA Southeast District Office within 45 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

2.05 lbs/hour of sulfur dioxide

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 6.

1.b Emission Limitation:

2.6 tpy of sulfur dioxide

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the annual hours of operation, and dividing by 2000 lbs/ton.

1.c Emission Limitation:

31.17 lbs/hr of nitrogen oxides

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 7.

1.d Emission Limitation:

39.9 tpy of nitrogen oxides

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the annual hours of operation, and dividing by 2000 lbs/ton.

V. Testing Requirements (continued)

1.e Emission Limitation:

6.72 lbs/hr of carbon monoxide

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 10.

1.f Emission Limitation:

8.6 tpy of carbon monoxide

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the annual hours of operation, and dividing by 2000 lbs/ton.

1.g Emission Limitation:

2.52 lbs/hr of VOC

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

1.h Emission Limitation:

3.3 tpy of VOC

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the annual hours of operation, and dividing by 2000 lbs/ton.

1.i Emission Limitation:

2.19 lbs/hr of particulate emissions

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

1.j Emission Limitation:

2.8 tpy of particulate emissions

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the annual hours of operation, and dividing by 2000 lbs/ton.

V. Testing Requirements (continued)

1.k Emission Limitation:

0.35 pound of particulate emissions per mmBtu of actual heat input
0.062 pound of particulate emissions per mmBtu of actual heat input

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

1.l Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9 and in OAC rule 3745-17-03(B)(1)

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-600 Mobile Emergency Generator (P464)

Activity Description: 50 kw diesel-powered mobile emergency generator.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-600 mobile emergency generator 50 KW	OAC 3745-31-05(A)(3) (PTI 06-5389)	0.027 lb/hour of sulfur dioxide 0.12 tpy of sulfur dioxide 2.29 lbs/hour of nitrogen oxides 10.0 tpy of nitrogen oxides 0.50 lb/hour of carbon monoxide 2.2 tpy of carbon monoxide 0.19 lb/hour of VOC 0.8 tpy of VOC 0.16 lb/hr of particulate emissions 0.7 tpy of particulate emissions The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(5)(b), 3745-17-07(A), 3745-21-08(B), and 3745-23-06.
	OAC rule 3745-17-11(B)(5)(a)	Particulate emissions shall not exceed 0.25 lb/mmBtu actual heat input. See A.I.2.a below. Particulate emissions shall not exceed 0.310 lb/mmBtu actual heat input. See A.I.2.b below.
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.
	OAC rule 3745-21-08(B)	See section A.I.2.c below.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
	OAC rule 3745-18-06(B)	Exempt. See section A.I.2.d.
	OAC rule 3745-23-06	See section A.I.2.e below.

2. Additional Terms and Conditions

2.a The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.310 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

2.b This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

2.c The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in PTI 06-5102.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.d OAC rule 3745-18-06(B) exempts stationary internal combustion engines which have rated heat input capacities equal to, or less than, 10 mmBtu/hr from the sulfur dioxide emission limit in OAC rule 3745-18-06(G). This emissions unit has a rated heat input of 0.52 mmBtu/hr.

2.e The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B), by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in PTI 06-5102.

II. Operational Restrictions

1. This emissions unit shall burn only low sulfur #2 diesel fuel, for which the sulfur content does not exceed 0.05 percent.

III. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than low sulfur #2 diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall maintain records of each fuel shipment that indicate:

a. the permittee's, oil supplier's or manufacturer's analyses for percent sulfur and heat content (Btu/gallon); and

b. the quantity (gallons) of each shipment.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than low sulfur #2 diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

2. The permittee shall notify the Ohio EPA Southeast District Office in writing of any record that shows a deviation of the allowable percent sulfur limitation in section A.II.1. The notification shall be sent to the Ohio EPA Southeast District Office within 45 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the emission limitations in section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

1.a Emission Limitation:

0.027 lb/hour of sulfur dioxide

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 6.

1.b Emission Limitation:

0.12 tpy of sulfur dioxide

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the 8,760 hours of operation per year, and dividing by 2000 lbs/ton.

1.c Emission Limitation:

2.29 lbs/hr of nitrogen oxides

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 7.

1.d Emission Limitation:

10.0 tpy of nitrogen oxides

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the 8,760 hours of operation per year, and dividing by 2000 lbs/ton.

1.e Emission Limitation:

0.50 lb/hr of carbon monoxide

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 10.

1.f Emission Limitation:

0.50 tpy of carbon monoxide

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the 8,760 hours of operation per year, and dividing by 2000 lbs/ton.

V. Testing Requirements (continued)

1.g Emission Limitation:

0.19 lb/hr of VOC

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 25.

1.h Emission Limitation:

0.8 tpy of VOC

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the 8,760 hours of operation per year, and dividing by 2000 lbs/ton.

1.i Emission Limitation:

0.16 lb/hr of particulate emissions

Applicable Compliance Method:

If required, compliance shall be determined in accordance with the methods and procedures specified in 40 CFR Part 60, Appendix A, Methods 1 through 5.

1.j Emission Limitation:

0.7 tpy of particulate emissions

Applicable Compliance Method:

If required, compliance shall be demonstrated by multiplying the allowable hourly emission rate by the 8,760 hours of operation per year, and dividing by 2000 lbs/ton.

1.k Emission Limitation:
Particulate emissions shall not exceed 0.25 lb/mmBtu actual heat input.

Applicable Compliance Method:
The permittee cannot demonstrate compliance with this emission limitation based upon the current emission factor contained in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96). The Ohio EPA revised the emission limitation specified in this rule citation based upon the currently applicable emission factor. The revised rule was adopted by the Director of Ohio EPA in December of 1997, and it will be submitted to the U.S. EPA as a proposed revision to the Ohio SIP for particulate matter. When the SIP revision is approved by the U.S. EPA, the 0.25 lb/mmBtu actual heat input emission limitation will no longer be applicable, and the permittee will be able to demonstrate compliance with the new emission limitation (0.310 lb/mmBtu actual heat input) using the current emission factor.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

V. Testing Requirements (continued)

1.l Emission Limitation:
Particulate emissions shall not exceed 0.310 lb/mmBtu actual heat input.

Applicable Compliance Method:
Compliance shall be based upon an emission factor of 0.31 lb/mmBtu. This emission factor is specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

1.m Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

Compliance shall be demonstrated based upon the methods and procedures specified in 40 CFR Part 60, Appendix A, Method 9 and in OAC rule 3745-17-03(B)(1)

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-326 Seal Exhaust System (Area 5) (P465)

Activity Description: Ancillary system consisting of multiple vacuum pumps to prevent wet air from entering the diffusion cascade through the compressor seals.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-326 seal exhaust system (Area 5)	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: XT-847 Glove Box (P466)

Activity Description: Glove box to repackage radioactively-contaminated materials for shipment to licensed waste disposal facility.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
XT-847 Glove Box	OAC rule 3745-31-05(A)(3) (PTI 06-5682)	See section A.I.2 below.
	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-343 Feed Vaporization and Sampling Facility (P468)

Activity Description: Building containing seven steam autoclaves for heating cylinders of uranium hexafluoride (UF6). Prior to June 1, 2001, UF6 was fed to the gaseous diffusion cascade. After enrichment shutdown June 1, 2001, autoclaves will be used to heat UF6 product from Paducah, KY plant for sampling. Building has three sets of cold traps followed by chemical traps to remove uranium compounds prior to

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-343 feed vaporization and sampling facility	OAC rule 3745-31-05(A)(3) (PTI 06-06302)	See section A.I.2 below.
	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-344 Toll Transfer Facility (Cold Traps) (P469)

Activity Description: Building containing four steam autoclaves for heating cylinders of uranium hexafluoride (UF6) for sampling and transfer to customer cylinders. Building has Three sets of cold traps followed by chemical traps to remove uranium compounds prior to venting.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-344 toll transfer facility (cold traps)	OAC rule 3745-31-05(A)(3) (PTI 06-06303)	See section A.I.2 below.
	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 8&12" Cylinder Cleaning Area (P470)

Activity Description: Room used to clean 8" and 12" UF6 cylinders with nitric acid, citric acid or other agent. Wash and rinse solutions collected for recovery. May be used to clean 2 1/2 ton customer cylinders.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 8&12" cylinder cleaning area	OAC rule 3745-31-05(A)(3) (PTI 06-06703)	See section A.I.2 below.
	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 A/B Loop T-Water Storage Columns (P471)

Activity Description: Combined vent in Uranium Recovery Area. "A" & "B" Loop T-Water Storage Columns and several other storage tanks.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 A/B loop T-water storage columns	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Compressor Turnover Pit (P472)

Activity Description: Large rectangular pit below floor level with fixture to hold and rotate large compressors for the initial stages of disassembly. Has HEPA-filtered ventilation system to adequately ventilate confined space.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 compressor turnover pit	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-705 Dry Ice Blaster (P473)

Activity Description: Small HEPA-filtered dry ice blaster for cleaning small parts.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-705 dry ice blaster	OAC rule 3745-31-05(A)(3) (PTI 06-06752)	See section A.I.2 below.
	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: X-720 Instrument Cleaning Room Glove Box (P474)

Activity Description: Plexiglas glove box for opening and initial cleaning of process instrumentation.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
X-720 instrument cleaning room glove box	OAC rule 3745-31-05(A)(3) (PTI 06-07000)	See section A.I.2 below.
	40 CFR Part 61, Subparts A & H	See section A.I.2 below.

2. Additional Terms and Conditions

2.a The permittee, including any additional facility or organization entering into a contractual agreement with the permittee for work at this site, shall comply with all the requirements of 40 CFR Part 61, Subparts A and H.

2.b [40 CFR 61.92]
Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee, including all involved facilities (as per section A.I.2.a above), shall monitor radionuclide emissions in accordance with 40 CFR Part 61, Subparts A and H. See section A.V.1 below.

2. [40 CFR 61.93(a)]
On and after the effective date of this permit, the permittee shall demonstrate compliance with the standard for radionuclide emissions, by determining the greatest effective dose equivalent to any member of the public, calculated using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The permittee may use USEPA's COMPLY model and associated procedures for determining dose for purposes of compliance for maximally exposed individuals living within 3 kilometers of all sources of emissions in the facility.

III. Monitoring and/or Record Keeping Requirements (continued)

3. [40 CFR 61.95]
On and after the effective date of this permit, the permittee, including all involved facilities (as per section A.I.2.a above), must maintain records documenting the source of input parameters for the facility, including the results of all measurements upon which they are based, the calculations and/or analytical methods used to derive values for input parameters, and the procedure used to determine effective dose equivalent. This documentation should be sufficient to allow an independent auditor to verify the accuracy of the determination made concerning the facility's compliance with the standard. These records must be kept at the site of the facility for at least five years and, upon request, be made available for inspection by the Ohio EPA Southeast District Office.

IV. Reporting Requirements

1. [40 CFR 61.94(a)]
The permittee shall submit an annual compliance report for the radionuclide emissions from all the emissions units at the facilities (DOE & USEC), calculating the effective dose equivalent to any member of the public, as set forth in section A.I.2. above, in accordance with approved method under 40 CFR Part 61, Subparts A and H. The report shall be submitted by June 30, of each year and shall cover the previous calender year.

[40 CFR 61.94(b)]
The annual report shall also include the following information:

a. the name and location of the facility;

b. a list of the radioactive materials used at the facility;

c. a description of the handling and processing that the radioactive materials undergo at the facility;

d. a list of the stacks or vents or other points where radioactive materials are released to the atmosphere;

e. a description of the effluent controls that are used on each stack, vent, or other release point and an estimate of the efficiency of each control device;

f. distances from the points of release to the nearest residence, school, business or office and the nearest farms producing vegetables, milk, and meat;

g. the values used for all other user-supplied input parameters for the computer models (e.g., meteorological data) and the source of these data;

h. a brief description of all construction and modifications which were completed in the calendar year for which the report is prepared, but for which the requirement to apply for approval to construct or modify was waived under 40 CFR 61.96 and associated documentation developed to support the waiver; and

i. each report shall be signed and dated by a corporate officer or public official in charge of the facility and contain the following declaration immediately above the signature line:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment. See 18 U.S.C. 1001."

IV. Reporting Requirements (continued)

2. [40 CFR 61.94(a)]
All reports, submissions and correspondence required by or relating to this permit and 40 CFR Part 61, shall be sent to:

Electronic reporting is an acceptable alternative to paper reporting with prior approval from the agency affected.

Deputy Regional Administrator
U.S. Environmental Protection Agency
Region V
Air and Radiation Division
Mail Drop R-19J
77 West Jackson Blvd.
Chicago, IL, 60604-3507
Attn: David A. Ullrich*

Director
Office of Radiation and Indoor Air
U.S. Environmental Protection Agency
Mail Drop 6601J
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington DC 20460
Attn: Stephen D. Page*

DAPC Supervisor
Ohio Environmental Protection Agency
Southeast District Office
2195 Front Street
Logan, OH 43138

Air Quality Modeling and Planning Section Manager
Ohio Environmental Protection Agency
Division of Air Pollution Control
Lazarus Government Center
122 South Front Street
Columbus, Ohio 43216-1049

* the name, e-mail address, and mail drop will be adjusted with any USEPA change in staff

3. [40 CFR 61.94(c)]
If the permittee's annual report, under section A.IV.1 above, shows an exceedance of the radionuclide emissions standard, the permittee shall begin monthly reporting, maintained in accordance with 40 CFR 61.94(c) as described in section A.VI below.

4. The permittee shall immediately notify the Ohio EPA Southeast District Office of any exceedance of the radionuclides standard and/or operational requirements contained in this permit. A written report of such an exceedance or malfunction may be requested by the Ohio EPA Southeast District Office, and shall be submitted within 45 days of the date of the exceedance or malfunction.

5. In the event of a malfunction of any emissions unit at this facility, the Ohio EPA Southeast District Office may request, in writing, that the permittee submit a dose evaluation, using approved methods. The purpose of the dose evaluation will be to calculate the maximum equivalent dose resulting from the malfunction, to any member of the public.

V. Testing Requirements

1. Facility Emissions Standard:

Emissions of radionuclides to the ambient air from all buildings, structures, and operations on the contiguous site, including the U.S. Department of Energy (USDOE or DOE), U.S. Enrichment Corporation (USEC) and any additional facility or organization entering into contractual agreement for work or ownership at this site, shall not exceed those amounts that would cause any member of the public to receive in any year an effective dose equivalent of 10 mrem/yr.

Applicable Compliance Method:

[40 CFR 61.93(a)]
The permittee shall demonstrate compliance with the standard for radionuclide emissions, by calculating the facility's greatest effective dose equivalent to any members of the public at any offsite point where there is a residence, school, business or office, using USEPA approved sampling procedures, computer models CAP-88 or AIRDOS-PC, or other procedures for which USEPA has granted prior approval. The owners or operators of the facility shall submit the annual report required by section A.IV.1 above by June 30, which includes the results of the monitoring and the dose calculations required by 40 CFR 61.93(a) for the previous calendar year.

[40 CFR 61.93(b)]
Compliance with the standard shall be determined from the testing, modeling and records maintained for the facility, as per the requirements of 40 CFR Part 61, Subparts A and H.

VI. Miscellaneous Requirements

1. [40 CFR 61.94(c)]
If the facility is not in compliance with the emission standard from 40 CFR 61.92 in the calendar year covered by the report, then the facility must commence reporting to the Ohio EPA and the USEPA Administrator on a monthly basis the information listed in sections A.VI.1.a and A.VI.1.b below, for the preceding month. These reports will start the month immediately following the submittal of the annual report for the year in noncompliance, and will be due 30 days following the end of each month. This increased level of reporting will continue until the USEPA Administrator has determined that the monthly reports are no longer necessary. In addition to all the information required in section IV.1 of this permit, monthly reports shall also include the following information:

a. all controls or other changes in operation of the facility that will be or are being installed to bring the facility into compliance; and

b. if the facility is under a judicial or administrative enforcement decree, the report will describe the facility's performance under the terms of the decree.

2. [40 CFR 61.94(d)]
In those instances where the information requested in the annual report is classified, such information will be made available to the Ohio EPA Southeast District Office separate from the report, and will be handled and controlled according to applicable security and classification regulations and requirements.

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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