



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
TRUMBULL COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 02-15981

DATE: 6/20/2002

Hubbard Electric Generating Station
Randy Meyer
2600 Airport Drive
Columbus, OH 43219

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging 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 by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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 within thirty (30) days after the notice of the Directors 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. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: USEPA

NEDO



**Permit To Install
Terms and Conditions**

**Issue Date: 6/20/2002
Effective Date: 6/20/2002**

FINAL PERMIT TO INSTALL 02-15981

Application Number: 02-15981
APS Premise Number: 0278030771
Permit Fee: **\$1200**
Name of Facility: Hubbard Electric Generating Station
Person to Contact: Randy Meyer
Address: 2600 Airport Drive
Columbus, OH 43219

Location of proposed air contaminant source(s) [emissions unit(s)]:
**370 ½ Myron St
Hubbard, Ohio**

Description of proposed emissions unit(s):
3 3516B Caterpillar diesel generators.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping 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 (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) 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. 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.)

3. 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.

4. 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

Hubbard Electric Generating Station
PTI Application: 02-15981
Issued: 6/20/2002

Facility ID: 0278030771

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.

5. 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).

6. 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.

7. 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.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio

Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

Hubbard Electric Generating Station
PTI Application: 02-15981
Issued: 6/20/2002

Facility ID: 0278030771

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. 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. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
NO _x	85.83
CO	6.6
SO _x	2.7
OC	1.92
PE	1.29

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(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 specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
B001-diesel fuel fired generator Caterpillar Model 3516B, 2628 BHP (19.8 mmBTU/hr)	OAC rule 3745-31-05(A)(3) OAC rule 3745-17-11(B)(5)(b)
	OAC rule 3745-18-06(G)
	OAC rule 3745-35-07(D)
	OAC rule 3745-17-07(A)(1)

Hubb:**PTI A****Issued: 6/20/2002**Emissions Unit ID: **B001**

Applicable Emissions
Limitations/Control Measures

Particulate emissions (PE) shall not exceed 0.72 pound per hour and 0.43 ton/year.

Sulfur dioxide (SO₂) emissions shall not exceed 1.5 pounds per hour and 0.9 ton/year.

Nitrogen oxides (NO_x) emissions shall not exceed 47.69 pounds per hour and 28.61 tons/year.

Carbon monoxide (CO) emissions shall not exceed 3.67 pounds per hour and 2.2 tons/year.

Organic compound (OC) emissions shall not exceed 1.06 pounds per hour and 0.64 ton/year.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-35-07(D) and 3745-17-07(A)(3)

Annual NO_x emissions for facility--See A.2.a.

Except as specified by rule, visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average.

The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The total annual emissions of NO_x from all emissions units at this facility (B001, B002, and B003) shall be limited to 85.83 tons, as a rolling 12-month summation. This annual facility NO_x emission limitation shall be achieved by restricting the maximum quantity of diesel fuel burned.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel oil in this emissions unit.
2. The quality of the oil burned in this emissions unit shall meet, on an "as received" basis, a sulfur content which is sufficient to comply with the allowable sulfur dioxide emissions limitation of 1.5 pounds SO₂/ hour and 0.05% sulfur or less.
3. The maximum quantity of diesel fuel which may be burned in each of these emissions units (B001, B002, and B003) shall not exceed 170,640 gallons per year based on a rolling 12-month summation of fuel usage.
4. To ensure enforceability during the first twelve (12) months of operation following startup of these emissions units (B001, B002, & B003), the permittee shall not exceed the diesel fuel usage per unit limitations specified in the following table:

<u>CALENDAR MONTH(S) FOLLOWING STARTUP</u>	<u>ALLOWABLE CUMULATIVE TOTAL GALLONS OF FUEL BURNED</u>
1	42,660
1-2	42,660
1-3	42,660
1-4	56,880
1-5	71,100
1-6	85,320
1-7	99,540
1-8	113,760
1-9	127,980
1-10	142,200
1-11	156,420
1-12	170,640

After the first 12 calendar months of operation following startup of each of these emissions units (B001, B002, & B003), compliance with the annual diesel fuel usage limitation shall be based on a rolling, 12-month summation of the fuel usage.

C. Monitoring and/or Recordkeeping 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.
2. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content (lbs/mmBtu) and heat content (Btu/gallon) in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the Ohio EPA Northeast District Office.
3. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content.
4. The permittee shall maintain monthly records of the following information:

Hubbard Electric Generating Station

PTI Application: 02-15091

Issued

Facility ID: 0278030771

Emissions Unit ID: B001

- a. the total volume (in gallons) of low sulfur No. 2 diesel fuel burned in each of these emissions units (B001, B002, & B003); and

- b. the total hours of operation of each emissions unit (B001, B002, & B003).
5. The permittee shall maintain monthly records of the following information:
 - a. during the first 12 calendar months of operation following startup, the permittee shall record the diesel fuel usage in each emissions unit, B001, B002, and B003, for each calendar month; and
 - b. beginning after the first 12 calendar months of operation following startup of this emissions unit, the rolling, 12-month summation of diesel fuel usage in each emissions unit, B001, B002, and B003.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that identify any record showing an exceedance of 0.05% sulfur. The notification shall include a copy of any such record and shall be sent to the Ohio EPA, Northeast District Office as required in Part I, Section A.2.b of the General Terms and Conditions of this permit.
3. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel usage limitation for each emissions unit, B001, B002, and B003, and for the first 12 calendar months of operation, following startup of this emissions unit, all exceedances of the maximum allowable diesel fuel usage (per Table in Section B.3). These reports shall be sent to the Ohio EPA, Northeast District Office as required in Part I, Section A.2.b of the General Terms and Conditions of this permit.
4. The permittee shall submit an annual report which summarizes the following information:
 - a. the monthly and annual volume (in gallons) of diesel fuel burned in each emissions unit (B001, B002, & B003);
 - b. the total monthly and annual hours of operation of each emissions unit (B001, B002, & B003); and
 - c. the total annual emissions of NO_x, CO, PM, SO₂, and total organic compounds from all emissions units (B001, B002, & B003) collectively for the previous calendar year.

13

Hubb:

PTI A

Issued: 6/20/2002

Emissions Unit ID: **B001**

This reports shall be submitted by January 31 of each year for operations during the previous calendar year.

E. Testing Requirements

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

- a. Emissions Limitation:
0.72 pound per hour and 0.43 ton per year of particulate emissions.

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.124 grams of PE per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly particulate emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B).

- b. Emissions Limitation:
1.5 pounds per hour and 0.9 ton per year of sulfur dioxide emissions

Applicable Compliance Method:

Compliance with the SO₂ limit shall be based on the analytical test results of each shipment of oil, and shall be demonstrated with each shipment that meets a sulfur content of 0.05% sulfur or less. (Per AP-42, Sec.1.3, Table 1.3-1, SO₂ emission factor = 157(S) lb/1000gal, an input capacity of 19.5 mmBtu/hr equates to 140 gal of diesel fuel per hour, therefore, 157(0.05)lb SO₂/1000 gal x 140 gal/hr = 1.1 lb SO₂/hr). Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

- c. Emissions Limitation:
47.69 pounds per hour and 28.61 tons per year of nitrogen oxide emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (8.23 grams of NO_x per hp-hr) multiplied by the maximum rating of this

Emissions Unit ID: **B001**

emissions unit (2628 HP) multiplied by 1 lb/453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly NO_x emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 7 or 7E.

- d. Emissions Limitation:
3.67 pounds per hour and 2.2 tons per year of carbon monoxide emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.63 grams of CO per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/ 453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly CO emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 10.

- e. Emissions Limitation:
1.06 pounds per hour and 0.64 ton per year of organic compound emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.18 grams of OC per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/ 453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly OC emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 25 or 25A.

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

16

Hubb:

PTI A

Issued: 6/20/2002

Emissions Unit ID: **B001**

Applicable Compliance Method:

If required, compliance shall be determined through 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).

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. If within the first 12-months following the issuance of this permit, this emissions unit exceeds 500 hours of operation, emission testing shall be conducted within 3 months of reaching the 500 hours of operation; or if within any rolling, 12-month summation of the operating hours, this emissions unit exceeds 500 hours of operation, emission testing shall be conducted within 3 months of reaching the 500 hours of operation.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for nitrogen oxides and carbon monoxide .
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): nitrogen oxides, Method 7 or 7E of 40 CFR Part 60, Appendix A and carbon monoxide Method 10 of 40 CFR Part 60, Appendix A.
 - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office.
 - e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Offices refusal to accept the results of the emission test(s).
 - g. Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), 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 emissions from the emissions unit and/or the performance of the control equipment.
 - h. A comprehensive written report on the results of the emissions test(s) shall be signed by

Hubbard Electric Generating Station**PTI Application: 02-15081****Issued****Facility ID: 0278030771**Emissions Unit ID: **B001**

the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

F. Miscellaneous Requirements

1. The following Terms and Conditions have been incorporated into this permit in order to establish federally enforceable limitations on potential to emit, pursuant to OAC Rule 3745-35-07: Sections A., B., C., D., and E.

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	
B002-diesel fuel fired generator Caterpillar Model 3516B, 2628 BHP (19.8 mmBTU/hr)	OAC rule 3745-31-05(A)(3)	OAC rule 3745-17-07(A)(1)
		OAC rule 3745-17-11(B)(5)(b)
		OAC rule 3745-18-06(G)
	OAC rule 3745-35-07(D)	

Applicable Emissions
Limitations/Control Measures

Particulate emissions (PE) shall not exceed 0.72 pound per hour and 0.43 ton/year.

Sulfur dioxide (SO₂) emissions shall not exceed 1.5 pounds per hour and 0.9 ton/year.

Nitrogen oxides (NO_x) emissions shall not exceed 47.69 pounds per hour and 28.61 tons/year.

Carbon monoxide (CO) emissions shall not exceed 3.67 pounds per hour and 2.2 tons/year.

Organic compound (OC) emissions shall not exceed 1.06 pounds per hour and 0.64 ton/year.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-35-07(D) and 3745-17-07(A)(3)

Annual NO_x emissions for facility--See A.2.a.

Except as specified by rule, visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average.

The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The total annual emissions of NO_x from all emissions units at this facility (B001, B002, and B003) shall be limited to 85.83 tons, as a rolling 12-month summation. This annual facility NO_x emission limitation shall be achieved by restricting the maximum quantity of diesel fuel burned.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel oil in this emissions unit.
2. The quality of the oil burned in this emissions unit shall meet, on an "as received" basis, a sulfur content which is sufficient to comply with the allowable sulfur dioxide emissions limitation of 1.5 pounds SO₂/ hour and 0.05% sulfur or less.
3. The maximum quantity of diesel fuel which may be burned in each of these emissions units (B001, B002, and B003) shall not exceed 170,640 gallons per year based on a rolling 12-month summation of fuel usage.
4. To ensure enforceability during the first twelve (12) months of operation following startup of these emissions units (B001, B002, & B003), the permittee shall not exceed the diesel fuel usage per unit limitations specified in the following table:

<u>CALENDAR MONTH(S) FOLLOWING STARTUP</u>	<u>ALLOWABLE CUMULATIVE TOTAL GALLONS OF FUEL BURNED</u>
1	42,660
1-2	42,660
1-3	42,660
1-4	56,880
1-5	71,100
1-6	85,320
1-7	99,540
1-8	113,760
1-9	127,980
1-10	142,200
1-11	156,420
1-12	170,640

After the first 12 calendar months of operation following startup of each of these emissions units (B001, B002, & B003), compliance with the annual diesel fuel usage limitation shall be based on a rolling, 12-month summation of the fuel usage.

C. Monitoring and/or Recordkeeping 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.
2. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content (lbs/mmBtu) and heat content (Btu/gallon) in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the Ohio EPA Northeast District Office.
3. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content.
4. The permittee shall maintain monthly records of the following information:

- a. the total volume (in gallons) of low sulfur No. 2 diesel fuel burned in each of these emissions units (B001, B002, & B003); and

- b. the total hours of operation of each emissions unit (B001, B002, & B003).
5. The permittee shall maintain monthly records of the following information:
 - a. during the first 12 calendar months of operation following startup, the permittee shall record the diesel fuel usage in each emissions unit, B001, B002, and B003, for each calendar month; and
 - b. beginning after the first 12 calendar months of operation following startup of this emissions unit, the rolling, 12-month summation of diesel fuel usage in each emissions unit, B001, B002, and B003.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that identify any record showing an exceedance of 0.05% sulfur. The notification shall include a copy of any such record and shall be sent to the Ohio EPA, Northeast District Office as required in Part I, Section A.2.b of the General Terms and Conditions of this permit.
3. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel usage limitation for each emissions unit, B001, B002, and B003, and for the first 12 calendar months of operation, following startup of this emissions unit, all exceedances of the maximum allowable diesel fuel usage (per Table in Section B.3). These reports shall be sent to the Ohio EPA, Northeast District Office as required in Part I, Section A.2.b of the General Terms and Conditions of this permit.
4. The permittee shall submit an annual report which summarizes the following information:
 - a. the monthly and annual volume (in gallons) of diesel fuel burned in each emissions unit (B001, B002, & B003);
 - b. the total monthly and annual hours of operation of each emissions unit (B001, B002, & B003); and
 - c. the total annual emissions of NO_x, CO, PM, SO₂, and total organic compounds from all emissions units (B001, B002, & B003) collectively for the previous calendar year.

Hubbard Electric Generating Station

PTI Application: 02 15091

Issued

Facility ID: 0278030771

Emissions Unit ID: B002

This reports shall be submitted by January 31 of each year for operations during the previous calendar year.

E. Testing Requirements

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

- a. Emissions Limitation:
0.72 pound per hour and 0.43 ton per year of particulate emissions.

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.124 grams of PE per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly particulate emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B).

- b. Emissions Limitation:
1.5 pounds per hour and 0.9 ton per year of sulfur dioxide emissions

Applicable Compliance Method:

Compliance with the SO₂ limit shall be based on the analytical test results of each shipment of oil, and shall be demonstrated with each shipment that meets a sulfur content of 0.05% sulfur or less. (Per AP-42, Sec.1.3, Table 1.3-1, SO₂ emission factor = 157(S) lb/1000gal, an input capacity of 19.5 mmBtu/hr equates to 140 gal of diesel fuel per hour, therefore, 157(0.05)lb SO₂/1000 gal x 140 gal/hr = 1.1 lb SO₂/hr). Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

- c. Emissions Limitation:
47.69 pounds per hour and 28.61 tons per year of nitrogen oxide emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (8.23 grams of NO_x per hp-hr) multiplied by the maximum rating of this

27

Hubb:

PTI A

Issued: 6/20/2002

Emissions Unit ID: **B002**

emissions unit (2628 HP) multiplied by 1 lb/453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly NO_x emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 7 or 7E.

- d. Emissions Limitation:
3.67 pounds per hour and 2.2 tons per year of carbon monoxide emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.63 grams of CO per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/ 453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly CO emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 10.

- e. Emissions Limitation:
1.06 pounds per hour and 0.64 ton per year of organic compound emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.18 grams of OC per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/ 453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly OC emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 25 or 25A.

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

Hubbard Electric Generating Station

PTI Application: 02-15081

Issued

Facility ID: 0278030771

Emissions Unit ID: B002

Applicable Compliance Method:

If required, compliance shall be determined through 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).

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. If within the first 12-months following the issuance of this permit, this emissions unit exceeds 500 hours of operation, emission testing shall be conducted within 3 months of reaching the 500 hours of operation; or if within any rolling, 12-month summation of the operating hours, this emissions unit exceeds 500 hours of operation, emission testing shall be conducted within 3 months of reaching the 500 hours of operation.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for nitrogen oxides and carbon monoxide .
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): nitrogen oxides, Method 7 or 7E of 40 CFR Part 60, Appendix A and carbon monoxide Method 10 of 40 CFR Part 60, Appendix A.
 - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office.
 - e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Offices refusal to accept the results of the emission test(s).
 - g. Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), 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 emissions from the emissions unit and/or the performance of the control equipment.
 - h. A comprehensive written report on the results of the emissions test(s) shall be signed by

the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

F. Miscellaneous Requirements

1. The following Terms and Conditions have been incorporated into this permit in order to establish federally enforceable limitations on potential to emit, pursuant to OAC Rule 3745-35- 07: Sections A., B., C., D., and E.

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	OAC rule 3745-17-07(A)(1)
B003-diesel fuel fired generator Caterpillar Model 3516B, 2628 BHP (19.8 mmBTU/hr)	OAC rule 3745-31-05(A)(3)	OAC rule 3745-17-11(B)(5)(b)
		OAC rule 3745-18-06(G)
	OAC rule 3745-35-07(D)	

Hubb:**PTI A****Issued: 6/20/2002**Emissions Unit ID: **B003**

Applicable Emissions
Limitations/Control Measures

Particulate emissions (PE) shall not exceed 0.72 pound per hour and 0.43 ton/year.

Sulfur dioxide (SO₂) emissions shall not exceed 1.5 pounds per hour and 0.9 ton/year.

Nitrogen oxides (NO_x) emissions shall not exceed 47.69 pounds per hour and 28.61 tons/year.

Carbon monoxide (CO) emissions shall not exceed 3.67 pounds per hour and 2.2 tons/year.

Organic compound (OC) emissions shall not exceed 1.06 pounds per hour and 0.64 ton/year.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-35-07(D) and 3745-17-07(A)(3)

Annual NO_x emissions for facility--See A.2.a.

Except as specified by rule, visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average.

The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

The emission limitations specified by this rule are less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The total annual emissions of NO_x from all emissions units at this facility (B001, B002, and B003) shall be limited to 85.83 tons, as a rolling 12-month summation. This annual facility NO_x emission limitation shall be achieved by restricting the maximum quantity of diesel fuel burned.

B. Operational Restrictions

1. The permittee shall burn only diesel fuel oil in this emissions unit.
2. The quality of the oil burned in this emissions unit shall meet, on an "as received" basis, a sulfur content which is sufficient to comply with the allowable sulfur dioxide emissions limitation of 1.5 pounds SO₂/ hour and 0.05 % sulfur or less.
3. The maximum quantity of diesel fuel which may be burned in each of these emissions units (B001, B002, and B003) shall not exceed 170,640 gallons per year based on a rolling 12-month summation of fuel usage.
4. To ensure enforceability during the first twelve (12) months of operation following startup of these emissions units (B001, B002, & B003), the permittee shall not exceed the diesel fuel usage per unit limitations specified in the following table:

<u>CALENDAR MONTH(S) FOLLOWING STARTUP</u>	<u>ALLOWABLE CUMULATIVE TOTAL GALLONS OF FUEL BURNED</u>
1	42,660
1-2	42,660
1-3	42,660
1-4	56,880
1-5	71,100
1-6	85,320
1-7	99,540
1-8	113,760
1-9	127,980
1-10	142,200
1-11	156,420
1-12	170,640

After the first 12 calendar months of operation following startup of each of these emissions units (B001, B002, & B003), compliance with the annual diesel fuel usage limitation shall be based on a rolling, 12-month summation of the fuel usage.

C. Monitoring and/or Recordkeeping 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.
2. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content (lbs/mmBtu) and heat content (Btu/gallon) in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the Ohio EPA Northeast District Office.
3. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content.
4. The permittee shall maintain monthly records of the following information:

Hubbard Electric Generating Station

PTI Application: 02-15081

Issued

Facility ID: 0278030771

Emissions Unit ID: B003

- a. the total volume (in gallons) of low sulfur No. 2 diesel fuel burned in each of these emissions units (B001, B002, & B003); and

- b. the total hours of operation of each emissions unit (B001, B002, & B003).
5. The permittee shall maintain monthly records of the following information:
 - a. during the first 12 calendar months of operation following startup, the permittee shall record the diesel fuel usage in each emissions unit, B001, B002, and B003, for each calendar month; and
 - b. beginning after the first 12 calendar months of operation following startup of this emissions unit, the rolling, 12-month summation of diesel fuel usage in each emissions unit, B001, B002, and B003.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than diesel fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly deviation (excursion) reports that identify any record showing an exceedance of 0.05% sulfur. The notification shall include a copy of any such record and shall be sent to the Ohio EPA, Northeast District Office as required in Part I, Section A.2.b of the General Terms and Conditions of this permit.
3. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel usage limitation for each emissions unit, B001, B002, and B003, and for the first 12 calendar months of operation, following startup of this emissions unit, all exceedances of the maximum allowable diesel fuel usage (per Table in Section B.3). These reports shall be sent to the Ohio EPA, Northeast District Office as required in Part I, Section A.2.b of the General Terms and Conditions of this permit.
4. The permittee shall submit an annual report which summarizes the following information:
 - a. the monthly and annual volume (in gallons) of diesel fuel burned in each emissions unit (B001, B002, & B003);
 - b. the total monthly and annual hours of operation of each emissions unit (B001, B002, & B003); and
 - c. the total annual emissions of NO_x, CO, PM, SO₂, and total organic compounds from all emissions units (B001, B002, & B003) collectively for the previous calendar year.

38

Hubb:

PTI A

Issued: 6/20/2002

Emissions Unit ID: **B003**

This reports shall be submitted by January 31 of each year for operations during the previous calendar year.

E. Testing Requirements

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

- a. Emissions Limitation:
0.72 pound per hour and 0.43 ton per year of particulate emissions.

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.124 grams of PE per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly particulate emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B).

- b. Emissions Limitation:
1.5 pounds per hour and 0.9 ton per year of sulfur dioxide emissions

Applicable Compliance Method:

Compliance with the SO₂ limit shall be based on the analytical test results of each shipment of oil, and shall be demonstrated with each shipment that meets a sulfur content of 0.05% sulfur or less. (Per AP-42, Sec.1.3, Table 1.3-1, SO₂ emission factor = 157(S) lb/1000gal, an input capacity of 19.5 mmBtu/hr equates to 140 gal of diesel fuel per hour, therefore, 157(0.05)lb SO₂/1000 gal x 140 gal/hr = 1.1 lb SO₂/hr). Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

- c. Emissions Limitation:
47.69 pounds per hour and 28.61 tons per year of nitrogen oxide emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (8.23 grams of NO_x per hp-hr) multiplied by the maximum rating of this

Hubbard Electric Generating Station

PTI Application: 02-15081

Issued

Facility ID: 0278030771

Emissions Unit ID: **B003**

emissions unit (2628 HP) multiplied by 1 lb/453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly NO_x emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 7 or 7E.

- d. Emissions Limitation:
3.67 pounds per hour and 2.2 tons per year of carbon monoxide emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.63 grams of CO per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/ 453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly CO emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 10.

- e. Emissions Limitation:
1.06 pounds per hour and 0.64 ton per year of organic compound emissions

Applicable Compliance Method:

Compliance shall be based upon the use of an emission factor supplied by the manufacturer (0.18 grams of OC per hp-hr) multiplied by the maximum rating of this emissions unit (2628 HP) multiplied by 1 lb/ 453.6 grams. Tons per year shall be calculated by multiplying pounds per hour by the hours of operation per year, and dividing by 2000.

If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the hourly OC emission limit of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 25 or 25A.

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

42

Hubb:

PTI A

Issued: 6/20/2002

Emissions Unit ID: **B003**

Applicable Compliance Method:

If required, compliance shall be determined through 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).

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. If within the first 12-months following the issuance of this permit, this emissions unit exceeds 500 hours of operation, emission testing shall be conducted within 3 months of reaching the 500 hours of operation; or if within any rolling, 12-month summation of the operating hours, this emissions unit exceeds 500 hours of operation, emission testing shall be conducted within 3 months of reaching the 500 hours of operation.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for nitrogen oxides and carbon monoxide .
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): nitrogen oxides, Method 7 or 7E of 40 CFR Part 60, Appendix A and carbon monoxide Method 10 of 40 CFR Part 60, Appendix A.
 - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office.
 - e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Offices refusal to accept the results of the emission test(s).
 - g. Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), 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 emissions from the emissions unit and/or the performance of the control equipment.
 - h. A comprehensive written report on the results of the emissions test(s) shall be signed by

Hubbard Electric Generating Station**PTI Application: 02-15081****Issued****Facility ID: 0278030771**Emissions Unit ID: **B003**

the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

F. Miscellaneous Requirements

1. The following Terms and Conditions have been incorporated into this permit in order to establish federally enforceable limitations on potential to emit, pursuant to OAC Rule 3745-35-07: Sections A., B., C., D., and E.