OhioEPA
State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

RECEIVED
JUN 29 1994
Hamilton County Department
of Environmental Services

George V. Voinovich
Governor

June 24, 1994 CERTIFIED MAIL

Re: Modification to Permit to Install No. 14-1905
Butler County

CG&E Woodsdale Station
Bernard L. Huff
P.O. Box 960, Room 514-Annex
Cincinnati, OH 45201

Dear Sir:

Enclosed please find a modification to the Ohio EPA Permit to Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Board of Review 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 Board of Review 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 Board. An appeal may be filed with the Environmental Board of Review at the following address: Environmental Board of Review, 236 East Town Street, Room 300, Columbus, OH 43215.

Very truly yours,

Thomas G. Rigo

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

Enclosure

cc: US EPA
Cincinnati APC

State of Ohio Environmental Protection Agency

Permit to Install
Terms and Conditions

Issuance Date: June 24, 1994

Effective Date: June 24, 1994

OHIO ENVIRONMENTAL PROTECTION AGENCY

MODIFICATION TO PERMIT TO INSTALL

Name of Applicant: CG&E Woodsdale Station
Address: 2100 Woodsdale Road
City: Madison Twp., Ohio
Telephone: (513) 287-3884

The Ohio EPA has received a request for a modification for the Ohio EPA Permit to Install referenced above.

The Permit to Install issued to CG&E Woodsdale Station (PTI No. 14-1905) is hereby modified in the following manner:

Terms and Conditions on Pages 7,8,10 of Permit to Install issued June 20, 1990.

The reason for the modification is:

To add a custom schedule for fuel sampling and analysis and no emissions increase.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

Ohio Environmental Protection Agency

Donald R Schregardus

Director

OhioEPA
State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

RECEIVED - SWO AIR POLLUTION CONTROL
OCT 21 1991

George V. Voinovich
Governor

October 17, 1991 CERTIFIED MAIL

Re: Modification to Permit to Install No. 14-1905
Butler County

CG&E Woodsdale Station
P.O. Box 960, Room 514-Annex
Cincinnati, OH 45201

Attention: Bernard L. Huff

Dear Sir:

Enclosed please find a modification to the Ohio EPA Permit to Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Board of Review 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 Board of Review 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 and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address: Environmental Board of Review, 236 East Town Street, Room 300, Columbus, OH 43215.

Very truly yours,

Thomas G. Rigo

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

Enclosure

cc: US EPA
SW Ohio Air Pollution Control Agency

Printed on recycled paper

Issuance Date: October 17, 1991

Effective Date: October 17, 1991

OHIO ENVIRONMENTAL PROTECTION AGENCY

MODIFICATION TO PERMIT TO INSTALL

Name of Applicant: CG&E Woodsdale Station
Address: 2100 Woodsdale Road
City: Madison TWP, OH
Telephone: (513) 632-3884

The Ohio EPA has received a request for a modification for the Ohio EPA Permit to Install referenced above.

The Permit to Install issued to CG&E Woodsdale Station (PTI No. 14-1905) is hereby modified in the following manner:

Terms and Conditions on Page 12 of Permit to Install issued June 20, 1990.

The reason for the modification is:

The PSD Requirements were inadvertently omitted from origianl Permit, these requirements have been added to ensure federal enforceability of the permit.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

Ohio Environmental Protection Agency

Donald R Schregardus

Director

OhioEPA
State of Ohio Environmental Protection Agency
P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149

RECEIVED - SWO AIR POLLUTION CONTROL

JUN 25 1990

Richard F. Celeste
Governor

Re: Permit to Install
Butler County
Application No: 14-1905
NSPS
PSD
TOXIC REVIEW
SYNTHETIC MINOR

CERTIFIED MAIL

June 20, 1990

CG&E WOODSDALE STATION
BERNARD L. HUFF
P.O. BOX 960, ROOM 514-ANNEX
CINCINNATI, OH 45201

Dear Sir:

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.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review 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 with the Environmental Board of Review within thirty (30) days after notice of the Director' action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo

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

cc: US EPA
SW OHIO AIR POLLUTION CONTROL AGENCY

State of Ohio Environmental Protection Agency

Permit to Install
Terms and Conditions

Application No. 14-1905
APS Premise No. 1409120656
Permit Fee: $13340.00

Name of Facility: CG&E WOODSDALE STATION

Person to Contact: BERNARD L. HUFF

Address: P.O. BOX 960, ROOM 514-ANNEX
CINCINNATI, OH 45201

Location of proposed source(s): 2100 WOODSDALE ROAD
MADISON TWP, OHIO

Description of proposed source(s):
12 COMBUSTION TURBINES, 12 LPG VAPORIZING BOILERS, 5 INTERNA
L FLOATING ROOF STORAGE TANKS.

Date of Issuance: June 20, 1990

Effective Date: June 20, 1990

The above named entity is hereby granted a permit to install for the above described source(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 source(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 source(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

Richard L. Shank

Director

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within eighteen (18) months of the effective date of this permit. This deadline may be extended by up to twelve (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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Ohio 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 Ohio Administrative Code (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 prove to be inadequate or cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within fifteen (15) days of the effective date of this Permit to Install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application and a $15 application fee must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least ninety (90) days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for CG&E, Woodsdale Station located in Butler County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

Ohio EPA Source No.	Source Identification/ Description	BAT Determination	Applicable Federal and OAC Rules	Permit Allowable Mass Emissions and/or Control & Usage Requirements
B001 thru B012	Combustion Turbine Engines	See additional terms and conditions	3745-31-05 See charts below	See charts below
B013 thru B024	Vaporizing Boilers	Same as above	Same as above	Same as above
T001 thru T005	Fuel Oil Storage Tanks	Same as above	Same as above	Same as above

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons/Year
PM/PM10	555.0
SO_2	4043.0
NO_x	2972.0
CO	594.0
VOC	99.63

APPLICABLE FEDERAL AND OAC RULES

Sources described in this Permit to Install must meet all applicable state and federal regulations including the following:

40 CFR Part 52.21 Prevention of Significant Deterioration (PSD);
40 CFR Part 60 New Source Performance Standards (NSPS);
Subpart GG, Standards of Performance for Stationary Gas Turbines;
Subpart Dc, Standards of Performance for Small Industrial Commercial (proposed) Institutional Steam Generating Units;
Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984;
OAC 3745-15-06 Malfunction of equipment/scheduled maintenance;
OAC 3745-17 Particulate mass emissions and opacity;
OAC 3745-18 SO_2 emissions;

OAC 3745-21-08 CO emissions;
OAC 3745-23-06 NO_x emissions; and
OAC 3745-31 Permits to Install and use of Best Available Technology.

This condition in no way limits the applicability of any other state or federal regulation.

Source No.	Source Description	Pollutant	Emission Rate for Each Source	
B001 thru B006	ABB Combustion Turbines	PM/PM10	5.10 g/s	40.4 lbs./hr.
		SO_2	65.13 g/s	516.0 lbs./hr.
		NO_x	33.0 g/s *	261.4 lbs./hr.
		CO	3.2 g/s	25.34 lbs./hr.
		VOC	0.88 g/s	6.97 lbs./hr.

Source No.	Source Description	Pollutant	Emission Rate for Each Source	
B007 thru B012	Composite Combustion Turbines	PM/PM10	10.58 g/s	83.8 lbs./hr.
		SO_2	72.57 g/s	575.0 lbs./hr.
		NO_x	50.27 g/s *	398.14 lbs./hr.
		CO	13.4 g/s	106.0 lbs./hr.
		VOC	1.91 g/s	15.13 lbs./hr.

Source No.	Source Description	Pollutant	Emission Rate for Each Source
B013 thru B024	Vaporizing Boilers	PM/PM10	.27 lbs. Part./10^3 gal.
		SO_2	Negligible
		NO_x	12.4 lbs./10^3 gal.
		CO	3.1 lbs./10^3 gal.
		VOC	.25 lbs. VOC/10^3 gal.

Source No.	Source Description	Pollutant	Emission Rate for Each Source
T001 thru T005	Fuel Oil Storage Tanks	VOC	.41 tons/year

*This figure supplied by the engine manufacturers represents worst case and calculates to an emission rate which complies with the requirements specified in 40 CFR Part 60 Subpart GG (NSPS).

BACT DETERMINATION

As specified in OAC Rule 3745-31-05 and 40 CFR Part 52.21 Best Available Control Technology (BACT) is required on the sources included in the permit. The BACT requirements are identified below:

Source No.	Pollutant	BACT
B001 thru B012 Combustion Turbines	TSP/PM10 Opacity	Engine design and combustion control and VE limits
	SO_2	0.5% by weight sulfur content of fuel oil, a three hour and daily emission limit
	NO_x, CO	Low NO_x and CO burner design and water injection for additional NO_x reduction
	VOC	Low VOC emission rate and operational limits.

Source No.	Pollutant	BACT
B013 thru B024 Vaporizing Boilers	PM/PM10, SO_2, CO and VOC	Clean burning LPG fuel, burner design, good combustion control
	NO_x	Low NO_x burner design
T001 thru T005 Storage Tanks	VOC	Internal floating roof, submerged fill.

A short term BACT SO_2 emission limit of 4911 lbs. per 3 hour period and 22,152 lbs. per 24 hour period shall be applicable to sources B001 thru B012 collectively. This limit shall only be used to determine compliance with the maximum 3 hour and 24 hour short term BACT SO_2 limits in this section of the permit, and is not applicable to any other SO_2 emission limit in this permit.

CONSTRUCTION STATUS

The Southwestern Ohio Air Pollution Control Agency shall be notified in writing as to (a) the construction starting date, (b) the construction completion date, and (c) the date the following sources were placed into operation: B001 thru B024 and T001 thru T005.

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

Source No.	Source Description	NSPS Regulation (Subpart)
B001-B012	Combustion Turbines	GG
B013-B024	Vaporizing Boilers	Dc (proposed)
T001-T005	Fixed Roof Storage Tanks	Kb.

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

1. Construction date (no later than 30 days after such date);
2. Anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
3. Actual start-up date (within 15 days after such date); and
4. Date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
Authorization and Compliance Unit
P. O. Box 1049
Columbus, Ohio 43266-0149

and

Hamilton County Department of
Environmental Services
1632 Central Parkway
Cincinnati, Ohio 45210

FUEL MONITORING REQUIREMENTS

Pursuant to the requirements of 40 CFR Part 60 Subpart GG the Cincinnati Gas and Electric Company shall install and operate a continuous monitering system to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbine. This system shall be accurate to within 5.0 percent and shall be approved by the Administrator.

When fuel oil is delivered to the storage tanks a daily composite sample (consisting of a sample of each delivery) shall be analyzed for sulfur content, nitrogen content, density and heat content (BTU). The heat content shall be determined according to ASTM D240-76 Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb-Calorimeter. Should the Cincinnati Gas & Electric Company wish to use an alternate ASTM method for determining the heat content of the fuel oil, they may do so only after applying for and receiving written permission from the Director of the Ohio EPA. Analysis for the purpose of determining the sulfur content and the nitrogen content or heat of combustion of the fuel may be performed by the owner/operator, the fuel vendor, or any other qualified agency provided that the analytical methods employed by those agencies comply with the applicable paragraphs of this section. The Cincinnati Gas & Electric Company shall monitor the sulfur and nitrogen content of the natural gas and LPG being fired in the turbines. (See Attachment A)

STACK TESTING

Within sixty (60) days after achieving full capacity operation, but no later than 180 days after initial start-up of the respective combustion turbines the owner/operator shall conduct or have conducted performance testing on one representative combustion turbine for each type engine installed in accordance with procedures approved by the Agency. Two (2) copies of the written report shall be submitted and signed by the person responsible for the test, describing the test procedures followed and the results of such tests. The Director or an Ohio EPA representative shall be allowed to witness the tests, examine testing equipment and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

A. A completed Intent to Test form shall be submitted to the Ohio EPA field office where the original permit application was filed. This notice shall be made thirty (30) days in advance and shall specify the source operating parameters, the proposed test procedures and the time, date, place and person(s) conducting such tests.

B. Two (2) copies of the test results shall be submitted within thirty (30) days after the completion of the performance test.

C. The air contaminants for which the source(s) must be tested are particulate matter, sulfur dioxide and nitrogen oxides.

D. The fuel available at the time of the start-up and operation of the first combustion turbine shall be used for the initial performance test. The other two fuels shall be tested upon availability at the site.

DETERMINATION OF OPACITY OF EMISSIONS

The opacity of the emissions from the combustion turbines and vaporizing boilers will be determined using the methods set forth in Rule 3745-17-03 of the Ohio Administrative Code.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to the Southwestern Ohio Air Pollution Control Agency.

MALFUNCTION/ABATEMENT

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the Southwestern Ohio Air Pollution Control Agency.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

ADDITIONAL TERMS AND CONDITIONS

1. The total amount of fuel oil supplied to the combustion turbines described in this permit shall not exceed the amounts specified based on the sulfur content of the oil combusted.

Percent by weight sulfur content of oil	Gallon Oil per 3 hour	Gallon Oil per 24 hour
0.5	70,157	316,457
0.4	87,696	395,571
0.3	116,929	527,429
0.2	175,393	791,142
0.1	350,786	1,582,286

2. The total amount or propane (LPG) supplied to the vaporizing boilers shall not exceed 4.9 million gallons per rolling twelve (12) month period.

3. The total combined operating hours of twelve (12) combustion turbines shall not exceed 17,844 hours per year. This limit is equal to an average annual limit of 1487 hours per combustion turbine.

For compliance purposes a year shall be defined as the most recent consecutive twelve (12) month period.

4. The NO_x emissions to the atmosphere shall not exceed 42 ppm when burning natural gas and 65 ppm when burning oil or propane at 15% oxygen for all fuels.

5. The SO_2 emissions discharged into the atmosphere from each combustion turbine exhaust shall not exceed 0.015% by volume at 15% oxygen and on a dry basis.

6. The visible emissions from the combustion turbine stacks associated with this permit shall not exceed ten (10%) percent opacity as a six (6) minute average except for cold start-up and shutdown periods.

   Cold start-up shall be defined as the time necessary to bring a combustion turbine on line from a cold state to synchronization and shall not exceed a maximum of twenty (20) minutes. Shutdown periods shall not exceed twenty (20) minutes.

7. The minimum stack height for each of the combustion turbines shall be at least 213 feet (65 meters) above the ground.

   The minimum stack height for each of the vaporizing boilers shall be at least 80 feet (24.39 meters) above the ground.

8. The fuel oil delivered to this facility and stored in sources T001 through T005 shall not be used to supply sources other than those sources identified in this permit. This term does not preclude CG&E from transferring contaminated fuel stored to another facility for treatment or proper disposal. Written notification of such transfers shall be provided to the Ohio EPA field office prior to transfer.

9. The Cincinnati Gas & Electric Company shall keep daily records of the turbines operated and the hours each turbine identified operates.

   These records as well as all other records required by this permit as well as any supporting analyses and computations shall be retained in the company's files for a period of not less than two (2) years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

18. The CG&E Company shall submit quarterly reports to the Ohio EPA field office which includes the following information:

a) the total daily hours of operation and the source numbers of the turbines operated. This report shall be summarized monthly and shall include the rolling twelve (12) month totals;

b) the gallons of fuel oil supplied to the combustion turbines per any rolling three (3) hour period and per any 24 hour period. This report shall be summarized monthly and shall include the rolling twelve (12) month oil usage totals;

c) the total amount of propane (in gallons) supplied to the vaporizing boilers on a rolling twelve (12) month basis;

d) the sulfur content and nitrogen content of the daily composite sample of fuel oil delivered to the storage tanks;

e) the sulfur content and nitrogen content of the natural gas and LPG supplied to the combustion turbines; and

f) the periods of excess emissions of nitrogen oxides and sulfur dioxide emissions.

For the purpose of reports required under §60.7(c), periods of excess emissions that shall be reported are defined as follows:

i) Nitrogen oxides. Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with §60.332 by the performance test required in §60.8 or any period during which the fuel-bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel-bound nitrogen allowance used during the performance test required in §60.8. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, gas turbine load, and nitrogen content of the fuel during the period of excess emissions, and the graphs or figures developed under §60.335(a).

ii) Sulfur dioxide. Per the BACT determination specified in this permit, any daily period during which the sulfur content of the fuel being fired in the gas turbine exceeds 0.5%.

The quarterly reports of the above data shall be submitted by February 1, May 1, August 1 and November 1 of each year and shall cover the data obtained during the previous calendar quarter.

PSD REQUIREMENTS

The source described in this Permit to Install is subject to the applicable provisions of the Prevention of Significant Deterioration (PSD) regulations as promulgated by the United States Environmental Protection Agency 40 CFR 52.21. The authority to apply and enforce the PSD regulations has been delegated to the Ohio Environmental Protection Agency. The terms and conditions of this permit and the requirements of the PSD regulations are also enforceable by the United States Environmental Protection Agency.

In accordance with 40 CFR 124.15, 124.19 and 124.20, the following shall apply: (1) the effective date of this permit shall be 30 days after the service of notice to any public commentors of the final decision to issue, modify, or revoke and re-issue the permit, unless the service of notice is by mail, in which case the effective date of the permit shall be 33 days after the service of notice; and (2) if an appeal is made to the Administrator of the United States Environmental Protection Agency, the effective date of the permit is suspended until such time as the appeal is resolved or denied.

ATTACHMENT A

Specifically, the CG & E Company shall conduct, or have conducted by the fuel vendor, a daily nitrogen analysis of the nitrogen content of the natural gas as required by NSPS 40 CFR Part 60, Subpart GG. In addition, CG & E Company shall sample and analyze the natural gas for sulfur content monthly, for six months, or provide results of daily sulfur analyses during the most recent six month period. If the sulfur content does not exceed permit limitations or the sulfur values stated in 40 CFR 60, Subpart GG during that six month period, then the CG & E Company may sample and analyze the natural gas for sulfur content once each calendar quarter.

Likewise, the CG & E Company shall conduct a sulfur analysis of the sulfur content of the LPG twice each month for six months or until a total of twelve (12) analyses have been conducted. If the sulfur content does not exceed permit limitations or the sulfur content values stated in 40 CFR 60, Subpart GG, CG&E may conduct sulfur analyses once each calendar quarter. CG&E shall also conduct analyses of the nitrogen content of LPG on each occasion that LPG is transferred to the storage tanks from any other source unless the LPG passes through the tanks without intermediate bulk storage, in which case, the nitrogen analysis of the nitrogen content shall be conducted daily.

Should any sulfur analysis indicate noncompliance with 40 CFR 60.333 or should any nitrogen analysis indicate noncompliance with 40 CFR 60.332 or the sulfur and nitrogen limits stated in PTI No. 14-1905, the CG & E Company shall notify the Hamilton County Department of Environmental Services(DOES) in Cincinnati, Ohio of such excess emissions and the custom schedule shall be re-examined by Ohio EPA. During the re-examination period, CG&E shall conduct daily sulfur and nitrogen monitoring and submit these analyses to the Department of Environmental Services.

In addition, if there is a change in fuel supply, CG&E must notify the DOES of such change for re-examination of this custom schedule. Sulfur and nitrogen monitoring shall be conducted daily during the interim period when this custom schedule is being re-examined.

Records of sample analyses and fuel supply pertinent to this custom schedule and proposal shall be submitted according to the requirements stated in special term and condition no. 10 of PTI No. 14-1905.