State of Ohio Environmental Protection Agency

Street Address:
Lazarus Gov. Center
50 West Town Street, Suite 700
Columbus, OH 43215

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

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

CERTIFIED MAIL

RE: Draft Title V Chapter 3745-77 permit

03-81-00-0043
Robert P. Mone Plant
Patrick A. Dal Porto
1 Riverside Plaza
Columbus, OH 43215-2373

Dear Patrick A. Dal Porto:

You are hereby notified that the Ohio Environmental Protection Agency has prepared the enclosed draft of the Title V permit for the facility referenced above. The purpose of this draft is to solicit public comments. A public notice concerning the draft will appear in the Ohio EPA Weekly Review and the major newspaper in the county where the facility is located. Comments and/or a request for a public hearing from the public and any affected parties will be accepted by Northwest District Office within 30 days of the date of publication in the newspaper. You will be notified in writing if a public hearing is scheduled. **In order to facilitate our review of all the comments or concerns you may have with the enclosed draft permit, please provide a hand marked-up copy of the draft permit showing the changes you think are necessary, along with any additional summary comments, by the end of the draft public comment period. The hard marked-up copy and any additional summary comments should be submitted to the Ohio EPA District Office or local air agency identified below and to the following address:**

Andrew Hall
Permit Review/Development Section
Ohio EPA, Division of Air Pollution Control
122 South Front Street
Columbus, Ohio 43215

A decision on processing the Title V permit will be made after consideration of written public comments and oral testimony (if a public hearing is conducted). After the comment period, you will be provided with a Preliminary Proposed Title V permit and an opportunity to comment prior to the Proposed Title V permit submittal to USEPA.

If you have any questions concerning this draft Title V permit, please contact Northwest District Office.

Sincerely,

Michael W. Ahern

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

cc: USEPA (electronically submitted)
File, DAPC PIER
Northwest District Office
Indiana
Michigan

State of Ohio Environmental Protection Agency

DRAFT TITLE V PERMIT

Issue Date:	Effective Date: To be entered upon final issuance	Expiration Date: To be entered upon final issuance

This document constitutes issuance of a Title V permit for Facility ID: 03-81-00-0043 to:

Robert P. Mone Plant
4406 Mentzer Road
Convoy, OH 45832

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

B001 (NG Fired Fuel Heater) NG Fired Fuel Heater	P002 (Unit 2 Combustion Turbine) Electric Generation	Electric Generation
P001 (Unit 1 Combustion Turbine) Electric Generation	P003 (Unit 3 Combustion Turbine)	

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:

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419) 352-8461

Ohio Environmental Protection Agency

_____

Chris Korleski
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, i.e., in Section A.III of Part III of this Title V permit, 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. **All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:**

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 OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with General Term and Condition A.1.c.ii below; and each report shall cover the previous calendar quarter. (An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).)

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) constitutes a violation of an emission limitation (or control requirement) and, therefore, is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) 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. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

ii. **Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.IV of Part III of this Title V permit or, in some cases, in Part II of this Title V permit, all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this General Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this General Term and Condition.

See B.6 below if no deviations occurred during the quarter.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

iii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted in the following manner:**

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; General Terms and Conditions: A.2, A.3, A.4, A.6.e, A.7, A.12, A.14, A.18, A.19, A.20, and A.22 of Part I of this Title V permit, as well as any deviations from the requirements in Section A.V or A.VI of Part III of this Title V permit**,** and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office

or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in Part II.A of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with General Term and Condition A.1.c.ii above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.
(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

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))

v. 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))

2. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance 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). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in General Term and Condition A.1.c.i above.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))

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.

f. Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable upon final issuance of all applicable OAC Chapter 3745-35 operating permits and/or registrations for all subject emissions units located at the facility and:

   i. the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a “major source” as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

   ii. the permittee no longer meets the definition of a “major source” as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

   iii. a combination of i. and ii. above.

   The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.
   (Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(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 (i.e., postmarked) 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 emissions 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.
(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 or Emissions Levels

Each IEU 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))

21. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-01)

22. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

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 (i.e., postmarked) quarterly, 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 emission limitation (or control requirement), operational restriction and/or control device parameter limitation 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 (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a. where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in General Term and Condition A.1.c.ii; or

b. where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c. where the company's responsible official has certified that an emissions unit has been permanently shut down.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforceable Section

1. Nitrogen Oxides (NOx) Budget Trading Program

OAC Chapter 3745-14

a. Office of Regulatory Information System Facility Code - 4911

b. The following regulated electrical generating units are subject to the applicable requirements specified in OAC Chapter 3745-14: P001, P002 and P003. These units are new regulated electrical generating units. Annual NOx allowance allocations were not established for these new units when OAC Chapter 3745-14 was promulgated. The annual NOx allowance allocations for emissions units P001, P002 and P003 for calendar years 2005 through 2007 will be established in accordance with OAC rule 3745-14-05(C)(4). Pursuant to OAC rule 3745-14-05(B)(2), the annual NOx allowance allocations for emissions units P001, P002 and P003 for calendar years 2008 through 2012 will be established in accordance with OAC rules 3745-14-05(C)(1) and 3745-14-05(C)(2).

c. The emissions units identified in Section A.2.b above are NOx budget units under OAC rule 3745-14-01(C)(1).

[Authority for term: OAC rule 3745-14-01(C)(1)(a)(i)]

d. The NOx authorized account representative shall submit a complete NOx budget permit application in accordance with the deadlines specified in paragraphs (B)(2) and (B)(3) of OAC rule 3745-14-03. The NOx authorized account representative shall also submit, in a timely manner, any supplemental information that the Director determines is necessary in order to review a NOx budget permit application and issue or deny a NOx budget permit.

[Authority for term: OAC rules 3745-14-01(E)(1)(a)(i), 3745-14-01(E)(1)(a)(i), and 3745-14-03(B)(1)]

e. Beginning May 31, 2004, the owners and operators of each NOx budget source and each NOx budget unit at the source shall hold NOx allowances available for compliance deductions under paragraph (E) of OAC rule 3745-14-06, as of the NOx allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NOx emissions for the control period from the unit, as determined in accordance with OAC rule 3745-14-08, plus any amount necessary to account for actual utilization under paragraph (C)(5) of OAC rule 3745-14-05 for the control period.

[Authority for term: OAC rules 3745-14-01(E)(3)(a) and 3745-14-03(E)(3)(c)]

f. NOx allowances shall be held in, deducted from, or transferred among NOx allowance tracking system accounts in accordance with OAC rules 3745-14-05, 3745-14-06, 3745-14-07, and 3745-14-09.

[Authority for term: OAC rule 3745-14-01(E)(3)(d)]

g. A NOx allowance shall not be deducted, in order to comply with the requirement under paragraph (E)(3)(a) of OAC rule 3745-14-01, for a control period in a year prior to the year for which the NOx allowance was allocated.

[Authority for term: OAC rule 3745-14-01(E)(3)(e)]

h. Each ton of NOx emitted in excess of the NOx budget emission limitation, as defined in OAC rule 3745-14-01(B)(2)(yy), shall constitute a separate violation of OAC Chapter 3745-14, the Clean Air Act, and applicable Ohio law. The owners and operators of a NOx budget unit that has excess emissions in any control period shall surrender the NOx allowances required for deduction under paragraph (E)(4)(a) of OAC rule 3745-14-06 and pay any fine, penalty, or assessment or comply with any other remedy imposed under paragraph (E)(4)(c) of OAC rule 3745-14-06.

[Authority for term: OAC rules 3745-14-01(E)(3)(b), 3745-14-01(E)(4)(a), and 3745-14-01(E)(4)(b)]

A. State and Federally Enforceable Section (continued)

i. When recorded by the Administrator pursuant to OAC rules 3745-14-06 and 3745-14-07, every allocation, transfer, or deduction of a NOx allowance to or from a NOx budget unit's compliance account or the overdraft account of the source where the unit is located is deemed to amend automatically, and become a part of, any NOx budget permit of the NOx budget unit by operation of law without any further review.

[Authority for term: OAC rule 3745-14-01(E)(3)(h)]

j. Except as provided below, the Director shall revise the NOx budget permit, as necessary, in accordance with OAC rule 3745-77-08.

Each NOx budget permit is deemed to incorporate automatically the definitions of terms under paragraph (B) of OAC rule 3745-14-01 and, when recorded by the Administrator, in accordance with OAC rules 3745-14-06 and 3745-14-07, every allocation, transfer, or deduction of a NOx allowance to or from the compliance accounts of the NOx budget units covered by the permit or the overdraft account of the NOx budget source covered by the permit.

[Authority for term: OAC rules 3745-14-03(D)(2) and 3745-14-03(E)(1)]

k. The owner or operator of a NOx budget unit shall comply with the prohibitions under OAC rule 3745-14-08(A)(5).

[Authority for term: OAC rule 3745-14-08(A)(5)]

l. The owners and operators of the NOx budget unit shall keep on site at the source each of the following documents for a period of five years from the date the document is created: (This period may be extended for cause, at any time prior to the end of five years, in writing by the Director or Administrator.)

i. the account certificate of representation for the NOx authorized account representative for the NOx budget unit and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with paragraph (D) of OAC rule 3745-14-02, provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new account certificate or representation changing the NOx authorized account representative;

ii. all emission monitoring information, in accordance with OAC rule 3745-14-08;

iii. copies of all reports, compliance certifications, and other submissions and all records made or required under the NOx budget trading program; and

iv. copies of all documents used to complete a NOx budget permit application and any other submission under the NOx budget trading program or to demonstrate compliance with the requirements of the NOx budget trading program.

[Authority for term: OAC rules 3745-14-01(E)(5)(a)(i) through (iv)]

m. The permittee shall operate and maintain equipment to continuously monitor and record nitrogen oxides emissions from these emissions units in units of the applicable standard(s). Such continuous monitoring and recording equipment shall comply with the requirements specified in Part III, Section A.III.2 and 40 CFR Part 75.

[Authority for term: OAC rules 3745-14-01(E)(2)(a), 3745-14-01(E)(5)(a)(ii), 3745-14-08(A)(2)(a) through (A)(2)(d), 3745-14-08(B)(1), and 3745-14-08(C)(1)]

n. The permittee shall comply with the monitoring plan requirements of 40 CFR Part 75.62, except that the monitoring plan shall also include all of the information required by Subpart H of 40 CFR Part 75.

[Authority for term: OAC rule 3745-14-08(E)(2)(a)]

A. State and Federally Enforceable Section (continued)

o. The NOx authorized account representative of the NOx budget unit shall submit the reports and compliance certifications required under the NOx budget trading program, including those under OAC rules 3745-14-04 and 3745-14-08, to the Director and Administrator.

[Authority for term: OAC rule 3745-14-01(E)(5)(b)]

p. Each submission under the NOx budget trading program shall be submitted, signed, and certified by the NOx authorized account representative for each NOx budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NOx authorized account representative:

"I am authorized to make this submission on behalf of the owners and operators of the NOx budget sources or NOx budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

If the NOx authorized account representative for a NOx budget unit subject to an acid rain emission limitation who signed and certified any submission that is made under Subpart F or G of 40 CFR Part 75 and which includes data and information required under OAC rule 3745-14-08 or Subpart H of 40 CFR Part 75 is not the same person as the designated representative or the alternate designated representative for the unit under 40 CFR Part 72, then the submission shall also be signed by the designated representative or the alternate designated representative.

[Authority for term: OAC rules 3745-14-02(A)(5) and 3745-14-08(E)(1)(b)]

q. The NOx authorized account representative shall submit quarterly reports that include all of the data and information required in Subpart H of 40 CFR Part 75 for each NOx budget unit (or group of units using a common stack) and the data and information in Subpart G of 40 CFR Part 75. These quarterly excess emission reports shall be submitted by January 30, April 30, July 30 and October 30 of each year and shall be submitted in the manner specified in Subpart H of 40 CFR Part 75 and 40 CFR Part 75.64.

[Authority for term: OAC rules 3745-14-08(E)(4)(a) and 3745-14-08(E)(4)(c)(i)]

r. The NOx authorized account representative shall submit to the Administrator a compliance certification in support of each quarterly report based on a reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The compliance certification shall state that:

i. the monitoring data submitted were recorded in accordance with the applicable requirements of OAC rule 3745-14-08 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

ii. for a unit with add-on NOx emission controls and for all hours where data are substituted in accordance with 40 CFR Part 75.34(a)(1), the add-on emission control were operating within the range of parameters listed in the quality assurance program under Appendix B of 40 CFR Part 75 and the substitute values do not systematically underestimate the NOx emissions.

[Authority for term: OAC rule 3745-14-08(E)(4)(d)(i) and (ii)]

s. The NOx authorized account representative for a NOx budget unit shall submit written notice of monitoring system certification and re-certification test dates to the Director and the Administrator in accordance with 40 CFR Part 75.61. The NOx authorized account representative shall submit a certification application to the Administrator, U.S. EPA, Region V Office, and the Director within forty-five days after completing all initial or re-certification tests required under paragraph (B) of OAC rule 3745-14-08, including the information required under Subpart H of 40 CFR Part 75.

[Authority for term: OAC rules 3745-14-08(D) and 3745-14-08(E)(3)]

A. State and Federally Enforceable Section (continued)

t. For each control period in which one or more NOx budget units at a source are subject to the NOx budget emission limitation, the NOx authorized account representative of the source shall submit to the Director and the Administrator, by November 30 of that year, a compliance certification report for each source covering all such units.

The NOx authorized account representative shall include the following elements in the compliance certification report, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx budget emission limitation for the control period covered by the report:

i. identification of each NOx budget unit;

ii. at the NOx authorized account representative's option, the serial numbers of the NOx allowances that are to be deducted from each unit's compliance account under paragraph (E) of OAC rule 3745-14-06 for the control period;

iii. at the NOx authorized account representative's option, for units sharing a common stack and having NOx emissions that are not monitored separately or apportioned in accordance with OAC rule 3745-14-08, the percentage of allowances that is to be deducted from each unit's compliance account under paragraph (E)(5) of OAC rule 3745-14-06; and

iv. the compliance certification under paragraph (A)(3) of OAC rule 3745-14-04.

[Authority for term: OAC rules 3745-14-04(A)(1) and 3745-14-04(A)(2)]

u. In the compliance certification report under Section A.2.t.iv above, the NOx authorized account representative shall certify, based upon reasonable inquiry of those persons with the primary responsibility for operating the source and the NOx budget units at the source in compliance with the NOx budget trading program, whether each NOx budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx budget trading program applicable to the unit, including all the following:

i. whether the unit was operated in compliance with the NOx budget emission limitation;

ii. whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with OAC rule 3745-14-08;

iii. whether all the NOx emissions from the unit, or group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with OAC rule 3745-14-08, and if conditional data were reported, the permittee shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report submissions have been made; and

iv. whether the facts that form the basis for certification under OAC rule 3745-14-08 of each monitor at the unit or group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under OAC rule 3745-14-08, if any, have changed.

If a change is required to be reported under Section A.2.u.iv above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor re-certification.

[Authority for term: OAC rule 3745-14-04(A)(3)]

A. State and Federally Enforceable Section (continued)

v. The NOx authorized account representative shall submit a complete NOx budget permit renewal application for the NOx budget source covering the NOx budget units at the source in accordance with paragraph (E) of OAC rule 3745-77-08.

[Authority for term: OAC rule 3745-14-03(B)(3)(a)]

w. The emission measurements recorded and reported in accordance with OAC rule 3745-14-08 shall be used to determine compliance by the unit with the NOx budget emission limitation under paragraph (E)(3) of OAC rule 3745-14-01.

[Authority for term: OAC rule 3745-14-01(E)(2)(b)]

x. The permittee shall develop and maintain a written quality assurance/quality control plan for each continuous NOx monitoring system designed to ensure continuous valid and representative readings of NOx emissions in units of the applicable standard. The plan shall follow the requirements of 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NOx monitoring system must be kept on-site and available for inspection during regular office hours.

[Authority for term: OAC rules 3745-14-08(A)(2)(c) and 3745-14-08(A)(2)(d)]

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

T001 - 1,120,000 gallon, #2 fuel oil, fixed-roof storage tank (PTI #03-13410, issued 11/5/02); and
Z001- diesel fire pump.

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 the identified permit to install for the emissions unit. Insignificant emissions units listed above that are not subject to specific permit to install requirements are subject to one or more applicable requirements contained in the federally-approved versions of OAC Chapters 3745-17, 3745-18, and/or 3745-21.

B. State Only Enforceable Section

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: NG Fired Fuel Heater (B001)

Activity Description: NG Fired Fuel Heater

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
12 mmBtu/hr, natural gas-fired, fuel heater	OAC rule 3745-31-05(A)(3) (03-13683, issued 10/18/01)	0.0076 pound particulate emissions (PE)/mmBtu heat input, 0.10 pound PE/hour and 0.4 ton PE/year 0.96 pound carbon monoxide (CO)/hour and 4.2 tons CO/year 1.20 pounds nitrogen oxides (NOx)/hour and 5.3 tons NOx/year See A.I.2.a.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-10(B)	See A.I.2.b.
	OAC rule 3745-18-06	See A.I.2.c.
	40 CFR Part 60, Subpart Dc	record keeping requirements (See A.III.2.)

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07 (A), and 40 CFR Part 60, Subpart Dc.

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

2.c The emissions unit is exempt from the requirements of OAC rule 3745-18-06 in accordance with OAC rule 3745-18-06(A).

II. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

[OAC rule 3745-77-07(A)(1) and PTI #03-13683]

III. Monitoring and/or Record Keeping Requirements

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

[OAC rule 3745-77-07(C)(1) and PTI #03-13683]

2. The permittee shall record and maintain records of the amounts of each fuel combusted during each day.

[OAC rule 3745-77-07(C)(1), 40 CFR, Part 60, Subpart Dc and PTI #03-13683]

IV. Reporting Requirements

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

[OAC rule 3745-77-07(C)(1) and PTI #03-13683]

V. Testing Requirements

1. Compliance with the emission limitations specified in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

1.a Emission Limitations: 0.0076 pound PE/mmBtu heat input, 0.10 pound PE/hour and 0.4 ton PE/year

Applicable Compliance Method: The pound PE/mmBtu emission limitation represents the potential to emit* for this emissions unit. Therefore no hourly recordkeeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*Potential to emit was determined using AP-42, 1.4-2 (7/98).

The permittee shall demonstrate compliance with the hourly emission limitation by multiplying 0.0076 pound PE/mmBtu heat input by the maximum heat input of 12.0 mmBtu/hr.

If required, the permittee shall demonstrate compliance with the pound/mmBtu and hourly emission limitations in accordance with Methods 1 - 5 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year and dividing by 2000 pounds/ton. Therefore, provided compliance with the hourly limitation is demonstrated, compliance with the annual limiation shall be assumed.

[OAC rule 3745-77-07(C)(1) and PTI #03-13683]

1.b Emission Limitation: 0.96 pounds CO/hour and 4.2 tons CO/year

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly emission limitation by multiplying the emission factor of 0.084 pound CO/mmBtu heat input (AP-42 Table 1.4-1, dated 7/98) by the maximum heat input of 12.0 mmBtu/hour. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 - 4 and 10 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year and dividing by 2000 pounds/ton. Therefore, provided compliance with the hourly limitation is demonstrated, compliance with the annual limitation shall be assumed.

[OAC rule 3745-77-07(C)(1) and PTI #03-13683]

V. Testing Requirements (continued)

1.c Emission Limitation: 1.20 pounds NOx/hour and 5.3 tons NOx/year

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly emission limitation by multiplying the emission factor of 0.10 pound NOx/mmBtu heat input (AP-42 Table 1.4-1, dated 7/98) by the maximum heat input of 12.0 mmBtu/hr. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 1 - 4 and 7 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly limitation by 8760 hours/year and dividing by 2000 pounds/ton. Therefore, provided compliance with the hourly limitation is demonstrated, compliance with the annual limitation shall be assumed.

[OAC rule 3745-77-07(C)(1) and PTI #03-13683]

1.d Emission Limitation: Visible PE shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method: If required, compliance with this visible emission limitation shall be determined through visible emissions observations performed in accordance with the procedures specified in OAC rule 3745-17-03(B)(1).

[OAC rule 3745-77-07(C)(1) and PTI #03-13683]

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: Unit 1 Combustion Turbine (P001)

Activity Description: Electric Generation

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
GE 7FA simple cycle combustion turbine (unit 1), 167 MW (nominal)	OAC rule 3745-31-05(A)(3) (PTI # 03-13410, issued 11/05/02)	See A.I.2.a and A.I.2.e. When firing natural gas, during non-startup and shutdown operations, emissions shall not exceed: 9 ppmvd of nitrogen oxides (NOx) at 15% oxygen (at full load, as a 1-hour average) 65.0 pounds of NOx/hour 12.0 pounds of sulfur dioxide (SO2)/hour 32.0 pounds of carbon monoxide (CO)/hour 3.2 pounds of volatile organic compounds (VOC)/hour 21.3 pounds of particulate emissions (PE)/hour 1.3 pounds of formaldehyde/hour Visible particulate emissions shall not exceed 10% opacity, as a 6-minute average, when firing natural gas. When firing #2 oil/distillate oil, during non-startup and shutdown operations, emissions shall not exceed: 42 ppmvd of NOx at 15% oxygen (at full load, as a 1-hour average)

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
		347.0 pounds of NOx/hour 107.0 pounds of SO2/hour 72.0 pounds of CO/hour 8.0 pounds of VOC/hour 37.0 pounds of PE/hour 0.5 pound of formaldehyde/hour Startup and shutdown emissions from emissions units P001, P002, and P003, combined, shall not exceed the following limitations (See A.I.2.f.): 140.2 tons of CO/year 22.0 tons of NOx/year 11.0 tons of VOC/year
	OAC rule 3745-31-05(C)	Emissions from emissions units P001, P002, and P003, combined, shall not exceed the following: 74.9 tons SO2 per rolling, 12-month period 242.3 tons CO per rolling, 12-month period 243.0 tons NOx per rolling, 12-month period 79.6 tons PE per rolling, 12-month period 4.9 tons of formaldehyde per rolling, 12-month period 21.2 tons of VOC per rolling, 12-month period
	OAC rule 3745-17-07(A)	When firing #2 oil/distillate oil, visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	40 CFR Part 60, Subpart GG	See A.I.2.c.
	OAC rule 3745-18-06(F)	See A.I.2.b.
	OAC rule 3745-17-11(B)(4)	See A.I.2.b.
	OAC Chapter 3745-103	See A.I.2.d.
	40 CFR Parts 72 and 75	See A.I.2.d.

2. Additional Terms and Conditions

2.a The permittee shall install, operate and maintain dry low NOx burners and a water injection system on this emissions unit.

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

2.c The emission limitation and sulfur content restriction specified in this applicable rule are less stringent than the emission limitation and sulfur content restriction established pursuant to OAC rule 3745-31-05(A)(3). Except as provided for in the terms and conditions of this permit, the permittee is not exempt from meeting any additional requirements of 40 CFR Part 60, Subpart GG.

2.d The permittee shall ensure that any affected emissions unit complies with the requirements established under 40 CFR Parts 72 and 75 concerning acid rain. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

2.e The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-31-05(C), and when firing #2 oil/distillate oil, OAC rule 3745-17-07(A).

2.f The annual emission limitations for startup and shutdown emissions apply for both the firing of natural gas and #2 oil/distillate oil.

2.g "Full load" shall be defined as the electrical output at the maximum achievable fuel flow rate to the emissions unit for the ambient and equipment conditions during any operating hour. Any actual electrical output within 10% of the calculated electrical output shall be considered full load.

II. Operational Restrictions

1. The maximum annual hours* of operation for emissions units P001, P002, and P003, combined, shall not exceed any of the following:

a. 7477 hours per rolling, 12-month period when firing natural gas;

b. 1400 hours per rolling, 12-month period when firing #2 oil/distillate oil; and

c. 7477 cumulative hours of operation per rolling, 12-month period for the firing of natural gas and #2 oil/distillate oil, where:

i. 1 hour of operation firing natural gas = 1.0 hour of operation; and

ii. 1 hour of operation firing #2 oil/distillate oil = 5.34 hours of operation.

*Startup and shutdown periods are to be included in these cumulative hourly operational restrictions.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

2. With the exception of startup and shutdown periods, this emissions unit shall be operated at a minimum of 50% of full load. The permittee may petition the Ohio EPA, Northwest District Office (NWDO) to operate at a greater load range if it can demonstrate to the Agency's satisfaction that the emissions unit will comply with all applicable emission limitations in this permit and the modeling requirements specified in Engineering Guide #69.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

3. The permittee shall fire only natural gas and #2 oil/distillate oil in this emissions unit.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

4. The maximum sulfur content of the natural gas shall not exceed 0.007%, by weight. The maximum sulfur content of the #2 oil/distillate oil shall not exceed 0.05%, by weight.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

II. Operational Restrictions (continued)

5. The permittee shall be limited to 550 startups and 550 shutdowns for emissions units P001, P002, and P003, combined, per rolling, 12-month period.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information for emissions units P001, P002, and P003, combined:

a. the number of hours of operation when firing natural gas;

b. the number of hours of operation when firing #2 oil/distillate oil;

c. the cumulative hours of operation when firing natural gas and #2 oil/distillate oil;

d. the rolling, 12-month summations of the hours of operation when firing natural gas, when firing #2 oil/distillate oil, and the cumulative hours of operation when firing natural gas and #2 oil/distillate oil;

e. the number of startups and shutdowns;

f. the startup and shutdown emissions* for NOx, VOC, and CO, in tons;

g. the emission rates* for PE, NOx, SO2, CO, VOC, and formaldehyde, in tons; and

h. the rolling, 12-month summations of the emission rates for PE, NOx, SO2, CO, VOC, and formaldehyde (including startup and shutdown emissions for NOx, CO, and VOC), in tons.

* The permittee shall use the continuous NOx emission monitoring data to determine the NOx emissions for these emissions units. During any period when the continuous NOx emission monitoring systems are not operational, the permittee shall use the appropriate missing data procedures specified in 40 CFR Part 75 to determine the NOx emissions. The permittee shall use the most recent emission test data multiplied by the hours of operation to determine the PE, CO, VOC, and formaldehyde emissions for these emissions units. The permittee shall use the most recent emission test data or the fuel flow and fuel sulfur content data to determine the SO2 emissions for these emissions units. The following permittee-supplied emission factors may be used to determine the CO and VOC emissions during each emissions unit startup and shutdown: for natural gas (#2 oil/distillate oil) startups; 360.0 (220.0) lbs of CO/hr and 20.0 (20.0) lbs of VOC/hr, and for shutdowns; 150 (120) lbs of CO/hr and 20.0 (20.0) lbs of VOC/hr.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. For each day during which the permittee fires a fuel other than natural gas or #2 oil/distillate oil, the permittee shall maintain a record of the type and quantity of fuel fired in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

3. The information management system for this emissions unit shall be capable of monitoring and recording fuel flow (gallons and million cu ft), percent load, and hours of operation. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 75. If the fuel flow monitoring and/or recording equipment is (are) not in service when the emissions unit is in operation, the permittee shall comply with the appropriate missing data procedures specified in 40 CFR Part 75.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

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

4. Except as provided below, the permittee shall comply with the fuel monitoring and testing provisions specified in 40 CFR Part 60.334(b) and 40 CFR Part 60.335(d). In lieu of complying with the aforementioned fuel sulfur content monitoring and testing provisions, the permittee may elect to comply with the applicable monitoring and testing requirements specified in 40 CFR Part 75, Appendix D, Sections 2.2 and 2.3 for fuel oil and natural gas, respectively.

Where applicable, the permittee shall maintain records of the sulfur contents and heating values of the fuels fired in this emissions unit. ASTM D2880, D129, D1552, D2622, or D4294 shall be used to determine the sulfur content of the fuel oil and ASTM D1072, D3031, D4084, D4468, D5504, or D3246 shall be used to determine the sulfur content of the natural gas. ASTM D240 shall be used to determine the heat value of the fuel oil and ASTM D1826, D3588, or D4891 shall be used to determine the heat value of the natural gas. The most recent revisions to the applicable test method shall be used for these analyses. Alternative, equivalent methods may be used upon written approval by the Ohio EPA, NWDO.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

5. Except for periods described in 40 CFR part 60.13, the permittee shall operate and maintain equipment to continuously monitor and record NOx from this emissions unit in the units established in this permit. The continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75 or as approved by the Ohio EPA.

The permittee shall maintain records of all data obtained by the continuous NOx monitoring system including, but not limited to, parts per million NOx on an instantaneous (one-minute) basis, emissions of NOx in the units established in this permit (with an hourly averaging period), results of daily zero/span calibration checks, and the magnitude of manual calibration adjustments.

The installation and operation of systems to continuously monitor and record emissions of NOx may be performed in lieu of continuously monitoring the fuel consumption, water ratio, and nitrogen content of the fuel being fired in the turbine, as required by 40 CFR 60.334.

A statement of certification of the existing continuous NOx monitoring system shall be maintained on site and shall consist of a letter from the Ohio EPA detailing the results of an Agency review of the certification tests and a statement by the Agency that the system is considered certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 2 and/or 40 CFR Part 75. Proof of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

6. In lieu of installing an oxygen monitor as part of the NOx monitoring system, the permittee has installed the carbon dioxide monitor, and on July 16, 2002, the permittee successfully completed the monitoring system accuracy demonstration.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas or #2 oil/distillate oil was burned in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month hours of operation limitations.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly reports that identify each period during which an exemption for ice-fog provided in 40 CFR Part 60.332 (f) is in effect. The report shall include the ambient conditions existing during the period, the date and time the air pollution control system was deactivated, and the date and time when the air pollution control system was reactivated.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

4. The permittee shall submit quarterly deviation (excursion) reports that identify any record which shows that the sulfur content of the natural gas exceeded 0.007%, by weight, or the sulfur content of the #2 oil/distillate oil exceeded 0.05%, by weight.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

5. Continuous NOx Emission Reporting

a. Pursuant to OAC rule 3745-15-04, ORC sections 3704.03 (I) and 3704.031, and 40 CFR Parts 60.7 and 60.13 (h), the permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, NWDO documenting the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of NOx values in excess of the applicable emission limitations specified in the terms and conditions of this permit (65.0 lbs/hr and 9 ppmvd at 15% oxygen (at full load (as defined in A.I.2.g), as a 1-hour average) when firing natural gas and 347.0 lbs/hr and 42 ppmvd at 15% oxygen (at full load (as defined in A.I.2.g), as a 1-hour average) when firing #2 oil/distillate oil). These reports shall also contain the total NOx emissions for the calendar quarter (in tons).

b. The permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, NWDO documenting any continuous NOx monitoring system downtime while the emissions unit was on line (date, time, duration, and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) 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 also be included in the quarterly report.

c. 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 action(s) taken for each time period of monitoring system malfunctions. 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.

d. Pursuant to OAC rule 3745-15-04, and ORC sections 3704.03(I) and 3704.031, the permittee shall submit a summary of the excess emission report pursuant to 40 CFR Part 60.7. The summary shall be submitted to the Ohio EPA, NWDO within 30 days following the end of each calendar quarter in a manner prescribed by the Director.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

6. The permittee shall submit quarterly deviation (excursion) reports that identify each time when this emissions unit was not in compliance with the emissions unit operating load requirements specified in Condition A.II.2 above.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

7. In lieu of the excess emissions reports required under 40 CFR Part 60.334, the permittee shall submit reports for this emissions unit in accordance with this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements (continued)

8. The quarterly deviation (excursion) reports shall be submitted in accordance with General Term and Condition A.1.c of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements

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

1.a The emission testing shall be conducted within 6 months after the issuance of this permit, and approximately 6 months prior to the expiration of this permit.

1.b The emission testing shall be conducted to demonstrate compliance with the NOx outlet concentrations, and the mass emission limitations for NOx and CO, while firing both natural gas and #2 oil/distillate oil.

1.c The following test method(s) shall be employed to demonstrate compliance with the above emission limitations: for NOx, Methods 1 - 4 and 20 of 40 CFR Part 60, Appendix A; and for CO Methods 1 - 4 and 10 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA, NWDO.

1.d The testing shall be performed at full load, as defined in A.I.2.g, unless otherwise specified or approved by the Ohio EPA, NWDO.

1.e Not later than 45 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, NWDO. 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 tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA, NWDO's refusal to accept the results of the emission tests.

1.f Personnel from the Ohio EPA, NWDO 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 emissions from the emissions unit and/or the performance of the control equipment.

1.g A comprehensive written report on the results of the emission tests shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, NWDO within 30 days following completion of the tests. The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, NWDO.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. Compliance with the emission limitations specified in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

2.a Emission Limitations:

when firing natural gas:
65.0 pounds NOx/hour
9 ppmvd NOx at 15% oxygen (at full load, as a 1-hour average)

when firing #2 oil/distillate oil:
347.0 pounds NOx/hour
42 ppmvd NOx at 15% oxygen (at full load, as a 1-hour average)

Applicable Compliance Method: Initial compliance with the above emission limitations and outlet concentrations shall be demonstrated in accordance with emission testing, as described in Condition A.V.1, with continued compliance demonstrated by the unbiased actual continuous emission monitoring data obtained per the requirements described in Conditions A.III.5 and A.III.6.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.b Emission Limitations:

when firing natural gas:
32.0 pounds CO/hour

when firing #2 oil/distillate oil:
72.0 pounds CO/hour

Applicable Compliance Method: The permittee shall demonstrate compliance with the above emission limitations in accordance with emission testing as described in Condition A.V.1.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.c Emission Limitations:

when firing natural gas:
21.3 pounds PE/hour
3.2 pounds VOC/hour

when firing #2 oil/distillate oil:
37.0 pounds PE/hour
8.0 pounds VOC/hour

Applicable Compliance Method: The hourly emission limitations represent the emission unit's potential to emit based on emissions data from the vendor.

If required, the permittee shall demonstrate compliance by emission testing in accordance with approved, US EPA test methods, as found in 40 CFR Part 60, Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.d Emission Limitations:

when firing natural gas:
12.0 pounds SO2/hour

when firing #2 oil/distillate oil:
107.0 pounds SO2/hour

Applicable Compliance Method: The hourly emission limitations represent the emission unit's potential to emit based on the maximum fuel flow rates of the unit, as specified in the permittee's Title V application, and the maximum sulfur content of the fuel (0.05%), as established in Condition A.II.4.

If required, the permittee shall demonstrate compliance with the hourly limitations by testing in accordance with Methods 1 - 4 and 6 of 40 CFR, Part 60 Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.e Emission Limitations:

when firing natural gas:
1.3 pounds formaldehyde/hour

when firing #2 oil/distillate oil:
0.5 pound formaldehyde/hour

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly limitations by multiplying the AP-42 emission factors of 0.00028 lb of formaldehyde/mmBtu (natural gas) and 0.00028 lb of formaldehyde/mmBtu (#2 oil) (Section 3.1, Table 3.1-4, dated 4/00) by the maximum heat input (1946.3 mmBtu/hr).

If required, the permittee shall demonstrate compliance with the hourly limitations by testing in accordance with Methods 1 - 4 of 40 CFR, Part 60 Appendix A and Method 320 of 40 CFR, Part 63 Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.f Emission Limitation:

when firing natural gas: Visible PE shall not exceed 10% opacity, as a 6-minute average.

Applicable Compliance Method: If required, compliance with this visible emission limitation shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.g Emission Limitation:

when firing #2 oil/distillate oil:
Visible PE shall not exceed 20% opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method: If required, compliance with this visible emission limitation shall be determined through visible emission observations performed in accordance with the procedures specified in OAC rule 3745-17-03(B)(1).

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.h Emission Limitations:

startup and shutdown emissions:
140.2 tons CO/year
22.0 tons NOx/year
11.0 tons VOC/year

Applicable Compliance Method: The permittee shall demonstrate compliance with the annual emission limitations in accordance with the record keeping requirements specified in Condition A.III.1.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.i Emission Limitations:
74.9 tons SO2 per rolling, 12-month period
242.3 tons CO per rolling, 12-month period
243.0 tons NOx per rolling, 12-month period
79.6 tons PE per rolling, 12-month period
21.2 tons VOC per rolling, 12-month period
4.9 tons formaldehyde per rolling, 12-month period

Applicable Compliance Method:
The permittee shall demonstrate compliance with the rolling, 12-month emission limitations in accordance with the record keeping requirements specified in Condition A.III.1.

VI. Miscellaneous Requirements

1. The permittee shall maintain a written quality assurance/quality control plan for the continuous NOx monitoring system designed to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NOx monitoring system must be kept on site and available for inspection during regular office hours.

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
GE 7FA simple cycle combustion turbine (unit 1), 167 MW (nominal)		See B.III.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for these emissions units (P001, P002, and P003) were evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the MAGLC. The following summarizes the results of the modeling for the "worst case" pollutants:

Pollutant: formaldehyde
TLV (ug/m3): 273 (converted from STEL)
Maximum Hourly Emission Rate (lbs/hr): 3.9*
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 3.23
MAGLC (ug/m3): 6.49

Pollutant: sulfuric acid
TLV (ug/m3): 1000
Maximum Hourly Emission Rate (lbs/hr): 33.0*
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 0.983
MAGLC (ug/m3): 23.8

* For emissions units P001, P002, and P003 combined.

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

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used, or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Unit 2 Combustion Turbine (P002)

Activity Description: Electric Generation

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
GE 7FA simple cycle combustion turbine (unit 2), 167 MW (nominal)	OAC rule 3745-31-05(A)(3) (PTI # 03-13410, issued 11/05/02)	See A.I.2.a and A.I.2.e. When firing natural gas, during non-startup and shutdown operations, emissions shall not exceed: 9 ppmvd of nitrogen oxides (NOx) at 15% oxygen (at full load, as a 1-hour average) 65.0 pounds of NOx/hour 12.0 pounds of sulfur dioxide (SO2)/hour 32.0 pounds of carbon monoxide (CO)/hour 3.2 pounds of volatile organic compounds (VOC)/hour 21.3 pounds of particulate emissions (PE)/hour 1.3 pounds of formaldehyde/hour Visible particulate emissions shall not exceed 10% opacity, as a 6-minute average, when firing natural gas. When firing #2 oil/distillate oil, during non-startup and shutdown operations, emissions shall not exceed: 42 ppmvd of NOx at 15% oxygen (at full load, as a 1-hour average)

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
		347.0 pounds of NOx/hour 107.0 pounds of SO2/hour 72.0 pounds of CO/hour 8.0 pounds of VOC/hour 37.0 pounds of PE/hour 0.5 pound of formaldehyde/hour Startup and shutdown emissions from emissions units P001, P002, and P003, combined, shall not exceed the following limitations (See A.I.2.f.): 140.2 tons of CO/year 22.0 tons of NOx/year 11.0 tons of VOC/year
	OAC rule 3745-31-05(C)	Emissions from emissions units P001, P002, and P003, combined, shall not exceed the following: 74.9 tons SO2 per rolling, 12-month period 242.3 tons CO per rolling, 12-month period 243.0 tons NOx per rolling, 12-month period 79.6 tons PE per rolling, 12-month period 4.9 tons of formaldehyde per rolling, 12-month period 21.2 tons of VOC per rolling, 12-month period
	OAC rule 3745-17-07(A)	When firing #2 oil/distillate oil, visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	40 CFR Part 60, Subpart GG	See A.I.2.c.
	OAC rule 3745-18-06(F)	See A.I.2.b.
	OAC rule 3745-17-11(B)(4)	See A.I.2.b.
	OAC Chapter 3745-103	See A.I.2.d.
	40 CFR Parts 72 and 75	See A.I.2.d.

2. Additional Terms and Conditions

2.a The permittee shall install, operate and maintain dry low NOx burners and a water injection system on this emissions unit.

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

2.c The emission limitation and sulfur content restriction specified in this applicable rule are less stringent than the emission limitation and sulfur content restriction established pursuant to OAC rule 3745-31-05(A)(3). Except as provided for in the terms and conditions of this permit, the permittee is not exempt from meeting any additional requirements of 40 CFR Part 60, Subpart GG.

2.d The permittee shall ensure that any affected emissions unit complies with the requirements established under 40 CFR Parts 72 and 75 concerning acid rain. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

2.e The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-31-05(C), and when firing #2 oil/distillate oil, OAC rule 3745-17-07(A).

2.f The annual emission limitations for startup and shutdown emissions apply for both the firing of natural gas and #2 oil/distillate oil.

2.g "Full load" shall be defined as the electrical output at the maximum achievable fuel flow rate to the emissions unit for the ambient and equipment conditions during any operating hour. Any actual electrical output within 10% of the calculated electrical output shall be considered full load.

II. Operational Restrictions

1. The maximum annual hours* of operation for emissions units P001, P002, and P003, combined, shall not exceed any of the following:

a. 7477 hours per rolling, 12-month period when firing natural gas;

b. 1400 hours per rolling, 12-month period when firing #2 oil/distillate oil; and

c. 7477 cumulative hours of operation per rolling, 12-month period for the firing of natural gas and #2 oil/distillate oil, where:

i. 1 hour of operation firing natural gas = 1.0 hour of operation; and

ii. 1 hour of operation firing #2 oil/distillate oil = 5.34 hours of operation.

*Startup and shutdown periods are to be included in these cumulative hourly operational restrictions.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

2. With the exception of startup and shutdown periods, this emissions unit shall be operated at a minimum of 50% of full load. The permittee may petition the Ohio EPA, Northwest District Office (NWDO) to operate at a greater load range if it can demonstrate to the Agency's satisfaction that the emissions unit will comply with all applicable emission limitations in this permit and the modeling requirements specified in Engineering Guide #69.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

3. The permittee shall fire only natural gas and #2 oil/distillate oil in this emissions unit.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

4. The maximum sulfur content of the natural gas shall not exceed 0.007%, by weight. The maximum sulfur content of the #2 oil/distillate oil shall not exceed 0.05%, by weight.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

II. Operational Restrictions (continued)

5. The permittee shall be limited to 550 startups and 550 shutdowns for emissions units P001, P002, and P003, combined, per rolling, 12-month period.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information for emissions units P001, P002, and P003, combined:

a. the number of hours of operation when firing natural gas;

b. the number of hours of operation when firing #2 oil/distillate oil;

c. the cumulative hours of operation when firing natural gas and #2 oil/distillate oil;

d. the rolling, 12-month summations of the hours of operation when firing natural gas, when firing #2 oil/distillate oil, and the cumulative hours of operation when firing natural gas and #2 oil/distillate oil;

e. the number of startups and shutdowns;

f. the startup and shutdown emissions* for NOx, VOC, and CO, in tons;

g. the emission rates* for PE, NOx, SO2, CO, VOC, and formaldehyde, in tons; and

h. the rolling, 12-month summations of the emission rates for PE, NOx, SO2, CO, VOC, and formaldehyde (including startup and shutdown emissions for NOx, CO, and VOC), in tons.

* The permittee shall use the continuous NOx emission monitoring data to determine the NOx emissions for these emissions units. During any period when the continuous NOx emission monitoring systems are not operational, the permittee shall use the appropriate missing data procedures specified in 40 CFR Part 75 to determine the NOx emissions. The permittee shall use the most recent emission test data multiplied by the hours of operation to determine the PE, CO, VOC, and formaldehyde emissions for these emissions units. The permittee shall use the most recent emission test data or the fuel flow and fuel sulfur content data to determine the SO2 emissions for these emissions units. The following permittee-supplied emission factors may be used to determine the CO and VOC emissions during each emissions unit startup and shutdown: for natural gas (#2 oil/distillate oil) startups; 360.0 (220.0) lbs of CO/hr and 20.0 (20.0) lbs of VOC/hr, and for shutdowns; 150 (120) lbs of CO/hr and 20.0 (20.0) lbs of VOC/hr.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. For each day during which the permittee fires a fuel other than natural gas or #2 oil/distillate oil, the permittee shall maintain a record of the type and quantity of fuel fired in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

3. The information management system for this emissions unit shall be capable of monitoring and recording fuel flow (gallons and million cu ft), percent load, and hours of operation. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 75. If the fuel flow monitoring and/or recording equipment is (are) not in service when the emissions unit is in operation, the permittee shall comply with the appropriate missing data procedures specified in 40 CFR Part 75.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

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

4. Except as provided below, the permittee shall comply with the fuel monitoring and testing provisions specified in 40 CFR Part 60.334(b) and 40 CFR Part 60.335(d). In lieu of complying with the aforementioned fuel sulfur content monitoring and testing provisions, the permittee may elect to comply with the applicable monitoring and testing requirements specified in 40 CFR Part 75, Appendix D, Sections 2.2 and 2.3 for fuel oil and natural gas, respectively.

Where applicable, the permittee shall maintain records of the sulfur contents and heating values of the fuels fired in this emissions unit. ASTM D2880, D129, D1552, D2622, or D4294 shall be used to determine the sulfur content of the fuel oil and ASTM D1072, D3031, D4084, D4468, D5504, or D3246 shall be used to determine the sulfur content of the natural gas. ASTM D240 shall be used to determine the heat value of the fuel oil and ASTM D1826, D3588, or D4891 shall be used to determine the heat value of the natural gas. The most recent revisions to the applicable test method shall be used for these analyses. Alternative, equivalent methods may be used upon written approval by the Ohio EPA, NWDO.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

5. Except for periods described in 40 CFR part 60.13, the permittee shall operate and maintain equipment to continuously monitor and record NOx from this emissions unit in the units established in this permit. The continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75 or as approved by the Ohio EPA.

The permittee shall maintain records of all data obtained by the continuous NOx monitoring system including, but not limited to, parts per million NOx on an instantaneous (one-minute) basis, emissions of NOx in the units established in this permit (with an hourly averaging period), results of daily zero/span calibration checks, and the magnitude of manual calibration adjustments.

The installation and operation of systems to continuously monitor and record emissions of NOx may be performed in lieu of continuously monitoring the fuel consumption, water ratio, and nitrogen content of the fuel being fired in the turbine, as required by 40 CFR 60.334.

A statement of certification of the existing continuous NOx monitoring system shall be maintained on site and shall consist of a letter from the Ohio EPA detailing the results of an Agency review of the certification tests and a statement by the Agency that the system is considered certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 2 and/or 40 CFR Part 75. Proof of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

6. In lieu of installing an oxygen monitor as part of the NOx monitoring system, the permittee has installed the carbon dioxide monitor, and on July 16, 2002, the permittee successfully completed the monitoring system accuracy demonstration.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas or #2 oil/distillate oil was burned in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month hours of operation limitations.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly reports that identify each period during which an exemption for ice-fog provided in 40 CFR Part 60.332 (f) is in effect. The report shall include the ambient conditions existing during the period, the date and time the air pollution control system was deactivated, and the date and time when the air pollution control system was reactivated.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

4. The permittee shall submit quarterly deviation (excursion) reports that identify any record which shows that the sulfur content of the natural gas exceeded 0.007%, by weight, or the sulfur content of the #2 oil/distillate oil exceeded 0.05%, by weight.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

5. Continuous NOx Emission Reporting

a. Pursuant to OAC rule 3745-15-04, ORC sections 3704.03 (I) and 3704.031, and 40 CFR Parts 60.7 and 60.13 (h), the permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, NWDO documenting the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of NOx values in excess of the applicable emission limitations specified in the terms and conditions of this permit (65.0 lbs/hr and 9 ppmvd at 15% oxygen (at full load (as defined in A.I.2.g), as a 1-hour average) when firing natural gas and 347.0 lbs/hr and 42 ppmvd at 15% oxygen (at full load (as defined in A.I.2.g), as a 1-hour average) when firing #2 oil/distillate oil). These reports shall also contain the total NOx emissions for the calendar quarter (in tons).

b. The permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, NWDO documenting any continuous NOx monitoring system downtime while the emissions unit was on line (date, time, duration, and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) 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 also be included in the quarterly report.

c. 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 action(s) taken for each time period of monitoring system malfunctions. 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.

d. Pursuant to OAC rule 3745-15-04, and ORC sections 3704.03(I) and 3704.031, the permittee shall submit a summary of the excess emission report pursuant to 40 CFR Part 60.7. The summary shall be submitted to the Ohio EPA, NWDO within 30 days following the end of each calendar quarter in a manner prescribed by the Director.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

6. The permittee shall submit quarterly deviation (excursion) reports that identify each time when this emissions unit was not in compliance with the emissions unit operating load requirements specified in Condition A.II.2 above.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

7. In lieu of the excess emissions reports required under 40 CFR Part 60.334, the permittee shall submit reports for this emissions unit in accordance with this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements (continued)

8. The quarterly deviation (excursion) reports shall be submitted in accordance with General Term and Condition A.1.c of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements

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

1.a The emission testing shall be conducted within 6 months after the issuance of this permit, and approximately 6 months prior to the expiration of this permit.

1.b The emission testing shall be conducted to demonstrate compliance with the NOx outlet concentrations, and the mass emission limitations for NOx and CO, while firing both natural gas and #2 oil/distillate oil.

1.c The following test method(s) shall be employed to demonstrate compliance with the above emission limitations: for NOx, Methods 1 - 4 and 20 of 40 CFR Part 60, Appendix A; and for CO Methods 1 - 4 and 10 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA, NWDO.

1.d The testing shall be performed at full load, as defined in A.I.2.g, unless otherwise specified or approved by the Ohio EPA, NWDO.

1.e Not later than 45 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, NWDO. 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 tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA, NWDO's refusal to accept the results of the emission tests.

1.f Personnel from the Ohio EPA, NWDO 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 emissions from the emissions unit and/or the performance of the control equipment.

1.g A comprehensive written report on the results of the emission tests shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, NWDO within 30 days following completion of the tests. The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, NWDO.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. Compliance with the emission limitations specified in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

2.a Emission Limitations:

when firing natural gas:
65.0 pounds NOx/hour
9 ppmvd NOx at 15% oxygen (at full load, as a 1-hour average)

when firing #2 oil/distillate oil:
347.0 pounds NOx/hour
42 ppmvd NOx at 15% oxygen (at full load, as a 1-hour average)

Applicable Compliance Method: Initial compliance with the above emission limitations and outlet concentrations shall be demonstrated in accordance with emission testing, as described in Condition A.V.1, with continued compliance demonstrated by the unbiased actual continuous emission monitoring data obtained per the requirements described in Conditions A.III.5 and A.III.6.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.b Emission Limitations:

when firing natural gas:
32.0 pounds CO/hour

when firing #2 oil/distillate oil:
72.0 pounds CO/hour

Applicable Compliance Method: The permittee shall demonstrate compliance with the above emission limitations in accordance with emission testing as described in Condition A.V.1.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.c Emission Limitations:

when firing natural gas:
21.3 pounds PE/hour
3.2 pounds VOC/hour

when firing #2 oil/distillate oil:
37.0 pounds PE/hour
8.0 pounds VOC/hour

Applicable Compliance Method: The hourly emission limitations represent the emission unit's potential to emit based on emissions data from the vendor.

If required, the permittee shall demonstrate compliance by emission testing in accordance with approved, US EPA test methods, as found in 40 CFR Part 60, Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.d Emission Limitations:

when firing natural gas:
12.0 pounds SO2/hour

when firing #2 oil/distillate oil:
107.0 pounds SO2/hour

Applicable Compliance Method: The hourly emission limitations represent the emission unit's potential to emit based on the maximum fuel flow rates of the unit, as specified in the permittee's Title V application, and the maximum sulfur content of the fuel (0.05%), as established in Condition A.II.4.

If required, the permittee shall demonstrate compliance with the hourly limitations by testing in accordance with Methods 1 - 4 and 6 of 40 CFR, Part 60 Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.e Emission Limitations:

when firing natural gas:
1.3 pounds formaldehyde/hour

when firing #2 oil/distillate oil:
0.5 pound formaldehyde/hour

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly limitations by multiplying the AP-42 emission factors of 0.00028 lb of formaldehyde/mmBtu (natural gas) and 0.00028 lb of formaldehyde/mmBtu (#2 oil) (Section 3.1, Table 3.1-4, dated 4/00) by the maximum heat input (1946.3 mmBtu/hr).

If required, the permittee shall demonstrate compliance with the hourly limitations by testing in accordance with Methods 1 - 4 of 40 CFR, Part 60 Appendix A and Method 320 of 40 CFR, Part 63 Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.f Emission Limitation:

when firing natural gas: Visible PE shall not exceed 10% opacity, as a 6-minute average.

Applicable Compliance Method: If required, compliance with this visible emission limitation shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.g Emission Limitation:

when firing #2 oil/distillate oil:
Visible PE shall not exceed 20% opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method: If required, compliance with this visible emission limitation shall be determined through visible emission observations performed in accordance with the procedures specified in OAC rule 3745-17-03(B)(1).

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.h Emission Limitations:

startup and shutdown emissions:
140.2 tons CO/year
22.0 tons NOx/year
11.0 tons VOC/year

Applicable Compliance Method: The permittee shall demonstrate compliance with the annual emission limitations in accordance with the record keeping requirements specified in Condition A.III.1.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.i Emission Limitations:
74.9 tons SO2 per rolling, 12-month period
242.3 tons CO per rolling, 12-month period
243.0 tons NOx per rolling, 12-month period
79.6 tons PE per rolling, 12-month period
21.2 tons VOC per rolling, 12-month period
4.9 tons formaldehyde per rolling, 12-month period

Applicable Compliance Method:
The permittee shall demonstrate compliance with the rolling, 12-month emission limitations in accordance with the record keeping requirements specified in Condition A.III.1.

VI. Miscellaneous Requirements

1. The permittee shall maintain a written quality assurance/quality control plan for the continuous NOx monitoring system designed to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NOx monitoring system must be kept on site and available for inspection during regular office hours.

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
GE 7FA simple cycle combustion turbine (unit 1), 167 MW (nominal)		See B.III.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for these emissions units (P001, P002, and P003) were evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the MAGLC. The following summarizes the results of the modeling for the "worst case" pollutants:

Pollutant: formaldehyde
TLV (ug/m3): 273 (converted from STEL)
Maximum Hourly Emission Rate (lbs/hr): 3.9*
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 3.23
MAGLC (ug/m3): 6.49

Pollutant: sulfuric acid
TLV (ug/m3): 1000
Maximum Hourly Emission Rate (lbs/hr): 33.0*
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 0.983
MAGLC (ug/m3): 23.8

* For emissions units P001, P002, and P003 combined.

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

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used, or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Unit 3 Combustion Turbine (P003)

Activity Description: Electric Generation

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
GE 7FA simple cycle combustion turbine (unit 3), 167 MW (nominal)	OAC rule 3745-31-05(A)(3) (PTI # 03-13410, issued 11/05/02)	See A.I.2.a and A.I.2.e. When firing natural gas, during non-startup and shutdown operations, emissions shall not exceed: 9 ppmvd of nitrogen oxides (NOx) at 15% oxygen (at full load, as a 1-hour average) 65.0 pounds of NOx/hour 12.0 pounds of sulfur dioxide (SO2)/hour 32.0 pounds of carbon monoxide (CO)/hour 3.2 pounds of volatile organic compounds (VOC)/hour 21.3 pounds of particulate emissions (PE)/hour 1.3 pounds of formaldehyde/hour Visible particulate emissions shall not exceed 10% opacity, as a 6-minute average, when firing natural gas. When firing #2 oil/distillate oil, during non-startup and shutdown operations, emissions shall not exceed: 42 ppmvd of NOx at 15% oxygen (at full load, as a 1-hour average)

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
		347.0 pounds of NOx/hour 107.0 pounds of SO2/hour 72.0 pounds of CO/hour 8.0 pounds of VOC/hour 37.0 pounds of PE/hour 0.5 pound of formaldehyde/hour Startup and shutdown emissions from emissions units P001, P002, and P003, combined, shall not exceed the following limitations (See A.I.2.f.): 140.2 tons of CO/year 22.0 tons of NOx/year 11.0 tons of VOC/year
	OAC rule 3745-31-05(C)	Emissions from emissions units P001, P002, and P003, combined, shall not exceed the following: 74.9 tons SO2 per rolling, 12-month period 242.3 tons CO per rolling, 12-month period 243.0 tons NOx per rolling, 12-month period 79.6 tons PE per rolling, 12-month period 4.9 tons of formaldehyde per rolling, 12-month period 21.2 tons of VOC per rolling, 12-month period
	OAC rule 3745-17-07(A)	When firing #2 oil/distillate oil, visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.
	40 CFR Part 60, Subpart GG	See A.I.2.c.
	OAC rule 3745-18-06(F)	See A.I.2.b.
	OAC rule 3745-17-11(B)(4)	See A.I.2.b.
	OAC Chapter 3745-103	See A.I.2.d.
	40 CFR Parts 72 and 75	See A.I.2.d.

2. Additional Terms and Conditions

2.a The permittee shall install, operate and maintain dry low NOx burners and a water injection system on this emissions unit.

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

2.c The emission limitation and sulfur content restriction specified in this applicable rule are less stringent than the emission limitation and sulfur content restriction established pursuant to OAC rule 3745-31-05(A)(3). Except as provided for in the terms and conditions of this permit, the permittee is not exempt from meeting any additional requirements of 40 CFR Part 60, Subpart GG.

2.d The permittee shall ensure that any affected emissions unit complies with the requirements established under 40 CFR Parts 72 and 75 concerning acid rain. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

2.e The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-31-05(C), and when firing #2 oil/distillate oil, OAC rule 3745-17-07(A).

2.f The annual emission limitations for startup and shutdown emissions apply for both the firing of natural gas and #2 oil/distillate oil.

2.g "Full load" shall be defined as the electrical output at the maximum achievable fuel flow rate to the emissions unit for the ambient and equipment conditions during any operating hour. Any actual electrical output within 10% of the calculated electrical output shall be considered full load.

II. Operational Restrictions

1. The maximum annual hours* of operation for emissions units P001, P002, and P003, combined, shall not exceed any of the following:

a. 7477 hours per rolling, 12-month period when firing natural gas;

b. 1400 hours per rolling, 12-month period when firing #2 oil/distillate oil; and

c. 7477 cumulative hours of operation per rolling, 12-month period for the firing of natural gas and #2 oil/distillate oil, where:

i. 1 hour of operation firing natural gas = 1.0 hour of operation; and

ii. 1 hour of operation firing #2 oil/distillate oil = 5.34 hours of operation.

*Startup and shutdown periods are to be included in these cumulative hourly operational restrictions.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

2. With the exception of startup and shutdown periods, this emissions unit shall be operated at a minimum of 50% of full load. The permittee may petition the Ohio EPA, Northwest District Office (NWDO) to operate at a greater load range if it can demonstrate to the Agency's satisfaction that the emissions unit will comply with all applicable emission limitations in this permit and the modeling requirements specified in Engineering Guide #69.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

3. The permittee shall fire only natural gas and #2 oil/distillate oil in this emissions unit.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

4. The maximum sulfur content of the natural gas shall not exceed 0.007%, by weight. The maximum sulfur content of the #2 oil/distillate oil shall not exceed 0.05%, by weight.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

II. Operational Restrictions (continued)

5. The permittee shall be limited to 550 startups and 550 shutdowns for emissions units P001, P002, and P003, combined, per rolling, 12-month period.

[OAC rule 3745-77-07(A)(1) and PTI #03-13410]

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information for emissions units P001, P002, and P003, combined:

a. the number of hours of operation when firing natural gas;

b. the number of hours of operation when firing #2 oil/distillate oil;

c. the cumulative hours of operation when firing natural gas and #2 oil/distillate oil;

d. the rolling, 12-month summations of the hours of operation when firing natural gas, when firing #2 oil/distillate oil, and the cumulative hours of operation when firing natural gas and #2 oil/distillate oil;

e. the number of startups and shutdowns;

f. the startup and shutdown emissions* for NOx, VOC, and CO, in tons;

g. the emission rates* for PE, NOx, SO2, CO, VOC, and formaldehyde, in tons; and

h. the rolling, 12-month summations of the emission rates for PE, NOx, SO2, CO, VOC, and formaldehyde (including startup and shutdown emissions for NOx, CO, and VOC), in tons.

* The permittee shall use the continuous NOx emission monitoring data to determine the NOx emissions for these emissions units. During any period when the continuous NOx emission monitoring systems are not operational, the permittee shall use the appropriate missing data procedures specified in 40 CFR Part 75 to determine the NOx emissions. The permittee shall use the most recent emission test data multiplied by the hours of operation to determine the PE, CO, VOC, and formaldehyde emissions for these emissions units. The permittee shall use the most recent emission test data or the fuel flow and fuel sulfur content data to determine the SO2 emissions for these emissions units. The following permittee-supplied emission factors may be used to determine the CO and VOC emissions during each emissions unit startup and shutdown: for natural gas (#2 oil/distillate oil) startups; 360.0 (220.0) lbs of CO/hr and 20.0 (20.0) lbs of VOC/hr, and for shutdowns; 150 (120) lbs of CO/hr and 20.0 (20.0) lbs of VOC/hr.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. For each day during which the permittee fires a fuel other than natural gas or #2 oil/distillate oil, the permittee shall maintain a record of the type and quantity of fuel fired in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

3. The information management system for this emissions unit shall be capable of monitoring and recording fuel flow (gallons and million cu ft), percent load, and hours of operation. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 75. If the fuel flow monitoring and/or recording equipment is (are) not in service when the emissions unit is in operation, the permittee shall comply with the appropriate missing data procedures specified in 40 CFR Part 75.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

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

4. Except as provided below, the permittee shall comply with the fuel monitoring and testing provisions specified in 40 CFR Part 60.334(b) and 40 CFR Part 60.335(d). In lieu of complying with the aforementioned fuel sulfur content monitoring and testing provisions, the permittee may elect to comply with the applicable monitoring and testing requirements specified in 40 CFR Part 75, Appendix D, Sections 2.2 and 2.3 for fuel oil and natural gas, respectively.

Where applicable, the permittee shall maintain records of the sulfur contents and heating values of the fuels fired in this emissions unit. ASTM D2880, D129, D1552, D2622, or D4294 shall be used to determine the sulfur content of the fuel oil and ASTM D1072, D3031, D4084, D4468, D5504, or D3246 shall be used to determine the sulfur content of the natural gas. ASTM D240 shall be used to determine the heat value of the fuel oil and ASTM D1826, D3588, or D4891 shall be used to determine the heat value of the natural gas. The most recent revisions to the applicable test method shall be used for these analyses. Alternative, equivalent methods may be used upon written approval by the Ohio EPA, NWDO.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

5. Except for periods described in 40 CFR part 60.13, the permittee shall operate and maintain equipment to continuously monitor and record NOx from this emissions unit in the units established in this permit. The continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13 and/or 40 CFR Part 75 or as approved by the Ohio EPA.

The permittee shall maintain records of all data obtained by the continuous NOx monitoring system including, but not limited to, parts per million NOx on an instantaneous (one-minute) basis, emissions of NOx in the units established in this permit (with an hourly averaging period), results of daily zero/span calibration checks, and the magnitude of manual calibration adjustments.

The installation and operation of systems to continuously monitor and record emissions of NOx may be performed in lieu of continuously monitoring the fuel consumption, water ratio, and nitrogen content of the fuel being fired in the turbine, as required by 40 CFR 60.334.

A statement of certification of the existing continuous NOx monitoring system shall be maintained on site and shall consist of a letter from the Ohio EPA detailing the results of an Agency review of the certification tests and a statement by the Agency that the system is considered certified in accordance with the requirements of 40 CFR Part 60, Appendix B, Performance Specification 2 and/or 40 CFR Part 75. Proof of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

6. In lieu of installing an oxygen monitor as part of the NOx monitoring system, the permittee has installed the carbon dioxide monitor, and on July 16, 2002, the permittee successfully completed the monitoring system accuracy demonstration.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas or #2 oil/distillate oil was burned in this emissions unit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month hours of operation limitations.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly reports that identify each period during which an exemption for ice-fog provided in 40 CFR Part 60.332 (f) is in effect. The report shall include the ambient conditions existing during the period, the date and time the air pollution control system was deactivated, and the date and time when the air pollution control system was reactivated.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

4. The permittee shall submit quarterly deviation (excursion) reports that identify any record which shows that the sulfur content of the natural gas exceeded 0.007%, by weight, or the sulfur content of the #2 oil/distillate oil exceeded 0.05%, by weight.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

5. Continuous NOx Emission Reporting

a. Pursuant to OAC rule 3745-15-04, ORC sections 3704.03 (I) and 3704.031, and 40 CFR Parts 60.7 and 60.13 (h), the permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, NWDO documenting the date, commencement and completion times, duration, magnitude, reason (if known), and corrective actions taken (if any), of all instances of NOx values in excess of the applicable emission limitations specified in the terms and conditions of this permit (65.0 lbs/hr and 9 ppmvd at 15% oxygen (at full load (as defined in A.I.2.g), as a 1-hour average) when firing natural gas and 347.0 lbs/hr and 42 ppmvd at 15% oxygen (at full load (as defined in A.I.2.g), as a 1-hour average) when firing #2 oil/distillate oil). These reports shall also contain the total NOx emissions for the calendar quarter (in tons).

b. The permittee shall submit reports within 30 days following the end of each calendar quarter to the Ohio EPA, NWDO documenting any continuous NOx monitoring system downtime while the emissions unit was on line (date, time, duration, and reason) along with any corrective action(s) taken. The permittee shall provide the emissions unit operating time during the reporting period and the date, time, reason and corrective action(s) 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 also be included in the quarterly report.

c. 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 action(s) taken for each time period of monitoring system malfunctions. 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.

d. Pursuant to OAC rule 3745-15-04, and ORC sections 3704.03(I) and 3704.031, the permittee shall submit a summary of the excess emission report pursuant to 40 CFR Part 60.7. The summary shall be submitted to the Ohio EPA, NWDO within 30 days following the end of each calendar quarter in a manner prescribed by the Director.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

6. The permittee shall submit quarterly deviation (excursion) reports that identify each time when this emissions unit was not in compliance with the emissions unit operating load requirements specified in Condition A.II.2 above.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

7. In lieu of the excess emissions reports required under 40 CFR Part 60.334, the permittee shall submit reports for this emissions unit in accordance with this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

IV. Reporting Requirements (continued)

8. The quarterly deviation (excursion) reports shall be submitted in accordance with General Term and Condition A.1.c of this permit.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements

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

1.a The emission testing shall be conducted within 6 months after the issuance of this permit, and approximately 6 months prior to the expiration of this permit.

1.b The emission testing shall be conducted to demonstrate compliance with the NOx outlet concentrations, and the mass emission limitations for NOx and CO, while firing both natural gas and #2 oil/distillate oil.

1.c The following test method(s) shall be employed to demonstrate compliance with the above emission limitations: for NOx, Methods 1 - 4 and 20 of 40 CFR Part 60, Appendix A; and for CO Methods 1 - 4 and 10 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA, NWDO.

1.d The testing shall be performed at full load, as defined in A.I.2.g, unless otherwise specified or approved by the Ohio EPA, NWDO.

1.e Not later than 45 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, NWDO. 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 tests, and the person(s) who will be conducting the tests. Failure to submit such notification for review and approval prior to the tests may result in the Ohio EPA, NWDO's refusal to accept the results of the emission tests.

1.f Personnel from the Ohio EPA, NWDO 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 emissions from the emissions unit and/or the performance of the control equipment.

1.g A comprehensive written report on the results of the emission tests shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, NWDO within 30 days following completion of the tests. The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, NWDO.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2. Compliance with the emission limitations specified in Section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

2.a Emission Limitations:

when firing natural gas:
65.0 pounds NOx/hour
9 ppmvd NOx at 15% oxygen (at full load, as a 1-hour average)

when firing #2 oil/distillate oil:
347.0 pounds NOx/hour
42 ppmvd NOx at 15% oxygen (at full load, as a 1-hour average)

Applicable Compliance Method: Initial compliance with the above emission limitations and outlet concentrations shall be demonstrated in accordance with emission testing, as described in Condition A.V.1, with continued compliance demonstrated by the unbiased actual continuous emission monitoring data obtained per the requirements described in Conditions A.III.5 and A.III.6.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.b Emission Limitations:

when firing natural gas:
32.0 pounds CO/hour

when firing #2 oil/distillate oil:
72.0 pounds CO/hour

Applicable Compliance Method: The permittee shall demonstrate compliance with the above emission limitations in accordance with emission testing as described in Condition A.V.1.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.c Emission Limitations:

when firing natural gas:
21.3 pounds PE/hour
3.2 pounds VOC/hour

when firing #2 oil/distillate oil:
37.0 pounds PE/hour
8.0 pounds VOC/hour

Applicable Compliance Method: The hourly emission limitations represent the emission unit's potential to emit based on emissions data from the vendor.

If required, the permittee shall demonstrate compliance by emission testing in accordance with approved, US EPA test methods, as found in 40 CFR Part 60, Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.d Emission Limitations:

when firing natural gas:
12.0 pounds SO2/hour

when firing #2 oil/distillate oil:
107.0 pounds SO2/hour

Applicable Compliance Method: The hourly emission limitations represent the emission unit's potential to emit based on the maximum fuel flow rates of the unit, as specified in the permittee's Title V application, and the maximum sulfur content of the fuel (0.05%), as established in Condition A.II.4.

If required, the permittee shall demonstrate compliance with the hourly limitations by testing in accordance with Methods 1 - 4 and 6 of 40 CFR, Part 60 Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.e Emission Limitations:

when firing natural gas:
1.3 pounds formaldehyde/hour

when firing #2 oil/distillate oil:
0.5 pound formaldehyde/hour

Applicable Compliance Method: The permittee shall demonstrate compliance with the hourly limitations by multiplying the AP-42 emission factors of 0.00028 lb of formaldehyde/mmBtu (natural gas) and 0.00028 lb of formaldehyde/mmBtu (#2 oil) (Section 3.1, Table 3.1-4, dated 4/00) by the maximum heat input (1946.3 mmBtu/hr).

If required, the permittee shall demonstrate compliance with the hourly limitations by testing in accordance with Methods 1 - 4 of 40 CFR, Part 60 Appendix A and Method 320 of 40 CFR, Part 63 Appendix A.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.f Emission Limitation:

when firing natural gas: Visible PE shall not exceed 10% opacity, as a 6-minute average.

Applicable Compliance Method: If required, compliance with this visible emission limitation shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.g Emission Limitation:

when firing #2 oil/distillate oil:
Visible PE shall not exceed 20% opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method: If required, compliance with this visible emission limitation shall be determined through visible emission observations performed in accordance with the procedures specified in OAC rule 3745-17-03(B)(1).

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

2.h Emission Limitations:

startup and shutdown emissions:
140.2 tons CO/year
22.0 tons NOx/year
11.0 tons VOC/year

Applicable Compliance Method: The permittee shall demonstrate compliance with the annual emission limitations in accordance with the record keeping requirements specified in Condition A.III.1.

[OAC rule 3745-77-07(C)(1) and PTI #03-13410]

V. Testing Requirements (continued)

2.i Emission Limitations:
74.9 tons SO2 per rolling, 12-month period
242.3 tons CO per rolling, 12-month period
243.0 tons NOx per rolling, 12-month period
79.6 tons PE per rolling, 12-month period
21.2 tons VOC per rolling, 12-month period
4.9 tons formaldehyde per rolling, 12-month period

Applicable Compliance Method:
The permittee shall demonstrate compliance with the rolling, 12-month emission limitations in accordance with the record keeping requirements specified in Condition A.III.1.

VI. Miscellaneous Requirements

1. The permittee shall maintain a written quality assurance/quality control plan for the continuous NOx monitoring system designed to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards. The plan shall follow the requirements of 40 CFR Part 60, Appendix F and/or 40 CFR Part 75, Appendix B. The quality assurance/quality control plan and a logbook dedicated to the continuous NOx monitoring system must be kept on site and available for inspection during regular office hours.

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
GE 7FA simple cycle combustion turbine (unit 1), 167 MW (nominal)		See B.III.

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for these emissions units (P001, P002, and P003) were evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the MAGLC. The following summarizes the results of the modeling for the "worst case" pollutants:

Pollutant: formaldehyde
TLV (ug/m3): 273 (converted from STEL)
Maximum Hourly Emission Rate (lbs/hr): 3.9*
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 3.23
MAGLC (ug/m3): 6.49

Pollutant: sulfuric acid
TLV (ug/m3): 1000
Maximum Hourly Emission Rate (lbs/hr): 33.0*
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 0.983
MAGLC (ug/m3): 23.8

* For emissions units P001, P002, and P003 combined.

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

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used, or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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THIS IS THE LAST PAGE OF THE PERMIT

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Statement of Basis For Title V Permit

Part I - General	
Company Name	National Power Coop, Inc. - Robert P. Mone Plant
Premise Number	0381000043
What makes this facility a Title V facility?	NOx and CO
Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01 (U)?	YES
Were there any "common control" issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them.	NO
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a minor permit modification per OAC rule 3745-77-08(C)(1)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a significant permit modification per OAC rule 3745-77-08(C)(3)	N/A
Please identify the affected unit(s)and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a reopening per OAC rule 3745-77-08(D)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document resulting from a renewal per OAC rule 3745-77-08(E)	N/A

Part II (State and Federally Enforceable Requirements)			
Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
A.1	14		Nitrogen Oxides (NOx) Budget Trading Program
A.2	77-07		Lists insignificant emission units subject to a PTI and/or one or more applicable requirements.

C Instructions for Part II:

Each paragraph in Part II must be identified and the remainder of the table completed. If the SIP (not including 31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. Whether the basis for the term and condition is the "SIP" or "Other," an explanation of each term and condition in Part II must be provided in the "Comments" section.

Part III (Requirements Within the State and Federally Enforceable Section)															
Any unusual requirements or aspects of the terms and conditions in Part III that are not self-explanatory should be explained in the appropriate comment field or in a paragraph following the table for Part III.															
EU(s)	Limitation	Basis		ND	OR	M	St	ENF	R	St	Rp	St	ET	Misc	Comments
		SIP (3745-)	Other												
B001	Visible PE shall not exceed 20% opacity, except as provided by rule.	17-07(A)	N	N	Y	Y	N	N	Y	N	Y	N	N	N	OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A COM is not economically justified. CAM is not applicable. ET-The M, R & Rp requirements are sufficient to demonstrate compliance without requiring formal Method 9 readings being conducted.

P001, P002, P003	When firing #2 oil/distillate oil: Visible PE shall not exceed 20% opacity, except as provided by rule.	17-07(A)	N	N	Y	Y	N	N	Y	N	Y	N	N	N	OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A COM is not economically justified. CAM is not applicable. ET-The M, R & Rp requirements are sufficient to demonstrate compliance without requiring formal Method 9 readings being conducted.
P001, P002, P003	N/A	17-11(B)(4)	N	Y	N	N	N	N	N	N	N	N	N	N	ND-The emission limitation established by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). M, R, Rp & ET-There are no emissions limitations established pursuant to this rule, therefore, no monitoring, recordkeeping, reporting or emissions testing is required.
B001	Exempt	18-06	N	Y	N	N	N	N	N	N	N	N	N	N	ND-The emissions unit is exempt from the requirements of OAC rule 3745-18-06 in accordance with OAC rule 3745-18-06(A). M, R, Rp & ET-There are no emissions limitations established pursuant to this rule, therefore, no monitoring, recordkeeping, reporting or emissions testing is required.
P001, P002, P003	N/A	18-06(F)	N	Y	N	N	N	N	N	N	N	N	N	N	ND-The emission limitation established by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). M, R, Rp & ET-There are no emissions limitations established pursuant to this rule, therefore, no monitoring, recordkeeping, reporting or emissions testing is required.
B001	0.0076 lb PE/mmBtu of heat input	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit [determined by AP-42, Section 1.4 (7/98)], therefore, no testing is required.

B001	0.10 lb PE/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.
B001	0.4 tons PE/yr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A CEM is not economically justified. CAM is not applicable. ET-Calculations based on maximum hourly potential to emit and actual annual hours of operation are sufficient to show compliance.
B001	0.96 lb CO/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.
B001	4.2 tons CO/yr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A CEM is not economically justified. CAM is not applicable. ET-Calculations based on maximum hourly potential to emit and actual annual hours of operation are sufficient to show compliance.
B001	1.20 lbs NOx/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.

B001	5.3 tons NOx/yr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas. M and R includes type of fuel and fuel usage for fuels other than natural gas fired. A CEM is not economically justified. CAM is not applicable. ET-Calculations based on maximum hourly potential to emit and actual annual hours of operation are sufficient to show compliance.
P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: 9 ppmvd of NOx at 15% oxygen (at full load, as a 1-hour average)	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	Y	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is economically justified. CAM is not applicable. Misc-The permittee must maintain a written quality assurance/quality control plan for the continuous NOx monitoring system to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards.
P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: 65.0 lbs NOx/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	Y	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is economically justified. CAM is not applicable. Misc-The permittee must maintain a written quality assurance/quality control plan for the continuous NOx monitoring system to ensure continuous valid and representative readings of Nox emissions in units of the applicable standards.
P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: 12.0 lbs SO_2/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil, maximum sulfur content of natural gas shall not exceed 0.007%, by weight and maximum sulfur content of #2 oil/distillate oil shall not exceed 0.05%, by weight. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired and records of sulfur content and heating values of fuels fired. A CEM is not economically justified. CAM is not applicable.

P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: 32.0 lbs CO/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable.
P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: 3.2 lbs VOC/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.
P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: 21.3 lbs PE/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.
P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: 1.3 lbs formaldehyde/ hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.

P001, P002, P003	When firing natural gas, during non-startup and shutdown operations: Visible PE shall not exceed 10% opacity, as a six minute average when firing natural gas	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage. A COM is not economically justified. CAM is not applicable. ET-The M, R & Rp requirements are sufficient to demonstrate compliance without requiring formal Method 9 readings being conducted.
P001, P002, P003	When firing #2 oil/distillate oil, non-startup and shutdown operations: 42 ppmvd of NOx at 15% oxygen (at full load, as a 1-hour average)	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	Y	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is economically justified. CAM is not applicable. Misc-The permittee must maintain a written quality assurance/quality control plan for the continuous NOx monitoring system to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards.
P001, P002, P003	When firing #2 oil/distillate oil, non-startup and shutdown operations: 347.0 lbs NOx/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	Y	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is economically justified. CAM is not applicable. Misc-The permittee must maintain a written quality assurance/quality control plan for the continuous NOx monitoring system to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards.

P001, P002, P003	When firing #2 oil/distillate oil, non-startup and shutdown operations: 107.0 lbs SO_2/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil, maximum sulfur content of natural gas shall not exceed 0.007%, by weight and maximum sulfur content of #2 oil/distillate oil shall not exceed 0.05%, by weight. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired and records of sulfur content and heating values of fuels fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.
P001, P002, P003	When firing #2 oil/distillate oil, non-startup and shutdown operations: 72.0 lbs CO/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable.
P001, P002, P003	When firing #2 oil/distillate oil, non-startup and shutdown operations: 8.0 lbs VOC/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.
P001, P002, P003	When firing #2 oil/distillate oil, non-startup and shutdown operations: 37.0 lbs PE/hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.
P001, P002, P003	When firing #2 oil/distillate oil, non-startup and shutdown operations: 0.5 lb formaldehyde/ hr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired. A CEM is not economically justified. CAM is not applicable. ET-The limitation is based on the unit's potential to emit, therefore, no testing is required.

P001, P002, P003	Startup and shutdown emissions from P001, P002 & P003, combined shall not exceed: 140.2 tons CO/yr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of startups and shutdowns and rolling, 12-month summation of emission rates. A CEM is not economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance.
P001, P002, P003	Startup and shutdown emissions from P001, P002 & P003, combined shall not exceed: 22.0 tons NOx/yr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	Y	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of startups and shutdowns and rolling, 12-month summation of emission rates. A CEM is economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance. Misc-The permittee must maintain a written quality assurance/quality control plan for the continuous NOx monitoring system to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards.
P001, P002, P003	Startup and shutdown emissions from P001, P002 & P003, combined shall not exceed: 11.0 tons VOC/yr	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(A)(3) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of startups and shutdowns and rolling, 12-month summation of emission rates. A CEM is not economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance.

P001, P002, P003	Emissions from P001, P002 & P003, combined, shall not exceed: 74.9 tons SO_2 per rolling, 12-month period	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(C) OR- Combust only natural gas and/or #2 oil/distillate oil, maximum sulfur content of natural gas shall not exceed 0.007%, by weight and maximum sulfur content of #2 oil/distillate oil shall not exceed 0.05%, by weight and restrictions on hours of operation and startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, records of sulfur content and heating values of fuels fired, monthly records of rolling, 12-month summations of hours of operation and rolling, 12-month summation of emission rates. A CEM is not economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance.
P001, P002, P003	Emissions from P001, P002 & P003, combined, shall not exceed: 242.3 tons CO per rolling, 12-month period	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(C) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on hours of operation combined and startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of hours of operation and rolling, 12-month summation of emission rates. A CEM is not economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance.

P001, P002, P003	Emissions from P001, P002 & P003, combined, shall not exceed: 243.0 tons NOx per rolling, 12-month period	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	Y	Other-OAC rule 3745-31-05(C) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on hours of operation combined and startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of hours of operation and rolling, 12-month summation of emission rates. A CEM is economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance. Misc-The permittee must maintain a written quality assurance/quality control plan for the continuous NOx monitoring system to ensure continuous valid and representative readings of NOx emissions in units of the applicable standards.
P001, P002, P003	Emissions from P001, P002 & P003, combined, shall not exceed: 79.6 tons PE per rolling, 12-month period	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(C) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on hours of operation combined and startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of hours of operation and rolling, 12-month summation of emission rates. A CEM is not economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance.
P001, P002, P003	Emissions from P001, P002 & P003, combined, shall not exceed: 4.9 tons formaldehyde per rolling, 12-month period	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(C) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on hours of operation combined and startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of hours of operation and rolling, 12-month summation of emission rates. A CEM is not economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance.

P001, P002, P003	Emissions from P001, P002 & P003, combined, shall not exceed: 21.2 tons VOC per rolling, 12-month period	N	Y	N	Y	Y	N	N	Y	N	Y	N	N	N	Other-OAC rule 3745-31-05(C) OR- Combust only natural gas and/or #2 oil/distillate oil, restrictions on hours of operation combined and startups and shutdowns combined for P001, P002 and P003. M and R includes type of fuel and fuel usage for fuels other than natural gas and/or #2 oil/distillate oil fired, monthly records of rolling, 12-month summations of hours of operation and rolling, 12-month summation of emission rates. A CEM is not economically justified. CAM is not applicable. ET-The M and R requirements in the permit are sufficient to show compliance.
P001, P002, P003	See Rule	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	N	Other-OAC rule 3745-103 OR, M, R, Rp, ET-See Rule
B001	None	N	Y	N	N	Y	N	N	Y	N	N	N	N	N	Other-40 CFR, Part 60, Subpart Dc ET-There are no emissions limitations established pursuant to this rule, therefore, no emissions testing is required.
P001, P002, P003	N/A	N	Y	Y	N	N	N	N	N	N	N	N	N	N	Other-40 CFR, Part 60, Subpart GG ND-The emission limitation and sulfur content restriction specified in this applicable rule are less stringent than the emission limitation and sulfur content restriction established pursuant to OAC rule 3745-31-05(A)(3). Except as provided for in the terms and conditions of this permit, the permittee is not exempt from meeting any additional requirements of 40 CFR Part 60, Subpart GG. M, R, Rp & ET-There are no emissions limitations established pursuant to this rule, therefore, no monitoring, recordkeeping, reporting or emissions testing is required.
P001, P002, P003	See Rule	N	Y	N	Y	Y	N	N	Y	N	Y	N	Y	N	Other-40 CFR, Parts 72 and 75 OR, M, R, Rp, ET-See Rule

EU = emissions unit ID
ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not applicable to a specific emissions unit)
OR = operational restriction
M = monitoring requirements
St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement

ENF = did noncompliance issues drive the monitoring requirements?
R = record keeping requirements
Rp = reporting requirements
ET = emission testing requirements (not including compliance method terms)
Misc = miscellaneous requirements

- **Instructions for Part III:**

  - All non-insignificant EUs must be included in this table. For each EU, or group of similar EUs, each emission limitation and control requirement specified in section A.I.1 and A.I.2 of the permit must be identified and the remainder of the table completed.

  - If the SIP (not including OAC rule 3745-31-05) is the basis for the term and condition, identify the specific rule. If the SIP is not the basis for the term and condition, place an "N" in the column under "SIP." If the basis for the term and condition is something other than the SIP, including OAC rule 3745-31-05, NSPS or MACT, a "Y" should be noted in the "Other" column, and if not, an "N" should be noted. If the basis for the term and condition is "Other," an explanation of the basis must be provided in the "Comments" section. If OAC rule 3745-31-05 is cited in the "Other" column, please indicate in the "Comments" section whether or not <u>all</u> of the requirements have been transferred from the permit to install.

  - To complete the remainder of the table after "Basis," except for the "Comments" section, simply specify a "Y" for yes or an "N" for no. For the "M," "R," "Rp," and "ET" columns, if "N" is specified, there should be a brief explanation in the "Comments" section as to why there are no requirements. If a brief explanation is provided in the "Comments" section, please do not simply indicate that monitoring or testing requirements are not necessary. An explanation of why a requirement is not necessary should be specified.

    When periodic monitoring requirements are established to satisfy the provisions of OAC rule 3745-77-07(A)(3)(a)(ii), the basis for the requirements must be explained. Whenever Engineering Guides have been used to establish the periodic monitoring requirements, the applicable Engineering Guide may be referenced in the "Comments" section. An example that should be clarified would be the situation where it has been determined that control equipment parametric monitoring will be used to evaluate ongoing compliance in lieu of performing frequent emission tests. In this situation, Engineering Guide #65 would be referenced along with the fact that the parametric monitoring range (or minimum value) corresponded to the range (or minimum value) documented during the most recent emission tests that demonstrated that the emissions unit was in compliance. If streamlining language is included in the "Monitoring," "Record Keeping," or "Reporting" requirements sections of the permit, explain which requirements are being streamlined (mark appropriate column above) and provide a brief explanation of why the streamlined term is equal to or more stringent than the "Monitoring," "Record Keeping," or "Reporting" requirements specified in the permit to install. If Engineering Guide #16 was used as the basis for establishing an emission test frequency, a simple note referencing the Engineering Guide in the "Comments" section would be sufficient.

    Also, if a "Y" is noted under "OR," "Misc," "St," "ND," or "ENF" an explanation of the requirements must be provided in the "Comments" section. In addition to a general explanation of the "OR," "Misc," "St," "ND," and/or "ENF" the following must be provided:

    1. For an operational restriction, clarify if appropriate monitoring, record keeping, and reporting requirements have been specified for the operational restriction and indicate whether or not CAM is currently applicable.
    2. If a control plan and schedule is included in the "Miscellaneous Requirements" section of the permit, provide an explanation in the "Comments" section of the violation, basis for the violation, and the company's proposed control plan and schedule.
    3. If the "ND" column above is marked, please identify the particular rule(s) that is (are) not applicable to the specified emissions unit.
    2. If the "ENF" column above is marked, please provide a brief explanation of the noncompliance issue(s) which prompted the use of the specified monitoring requirement.

An explanation is not required if an “N” is noted in the “OR,” “Misc,” “St,” “ND,” or “ENF” columns.

C **Additional information for modifications** - Several types of modifications, as defined by rule, may be processed concurrently. Please provide enough of a description for someone wishing to review the changes to the permit language to be able to identify where the change is made in the permit document. This brief description should be identified in the appropriate row in the first table of this form by replacing the “N/A” in the applicable row(s). Please also indicate if the modification is being initiated by an appeal by including the ERAC case number in the “Comments” area. Please update the term-specific text in the SOB as warranted (full insertion or replacement is acceptable; bold italic and strike out is not needed). Note all modification/reopening rows should remain “N/A” when developing the SOB during the initial permit development. Note: APA’s and Off-permit changes do not need to be noted in the SOB.