



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: July 31, 2001 Effective Date: September 29, 2005
Revision Date: September 29, 2005 Expiration Date: July 31, 2006
Revision Type: Amendment

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

[TITLE V Permit No: 03-00023](#)

Federal Tax Id - Plant Code: 23-3020481-3

Owner Information

Name: ALLEGHENY ENERGY SUPPLY CO LLC
Mailing Address: 800 CABIN HILL DR C109
GREENSBURG, PA 15601

Plant Information

Plant: ALLEGHENY ENERGY SUPPLY CO / ARMSTRONG POWER STATION
Location: 03 Armstrong County 03941 Washington Township
SIC Code: 4911 Trans. & Utilities - Electric Services

Responsible Official

Name: JOHN CAMPBELL
Title: VP, SUPPLY OPERATIONS
Phone:

Permit Contact Person

Name: TONIA DOWNS
Title:
Phone: (724) 838 - 6057

[Signature] _____
MARK A WAYNER, SOUTHWEST REGION AIR PROGRAM MANAGER



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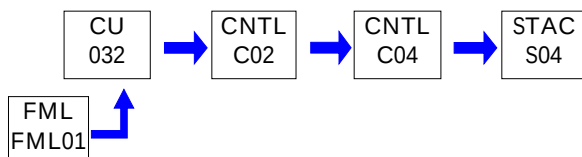
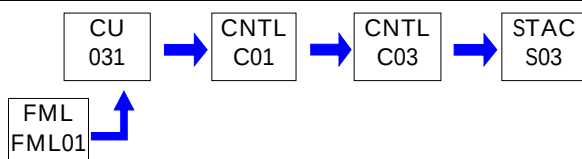
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	FOSTER WHEELER BOILER #1	1,934.000 MMBTU / HR	
		76.00 Tons / HR	COAL
032	FOSTER WHEELER BOILER #2	1,761.000 MMBTU / HR	
		76.00 Tons / HR	COAL
101	EMERGENCY DIESEL GENERATOR	20.00 Gal / HR	#2 Oil
102	FUGITIVE DUST EMISSIONS	154.00 Tons / HR	BITUMINOUS COAL
103	WASTEWATER TREATMENT SYSTEM	113,750.00 Gal / HR	WASTEWATER
1TOF	UNIT 1 TURBINE OIL FILTER		
1TOR	UNIT 1 TURBINE OIL RESERVOIR		
1TOS	UNITS 1 AND 2 TURBINE OIL STORAGE		
2TOF	UNIT 2 TURBINE OIL FILTER		
2TOR	UNIT 2 TURBINE OIL RESERVOIR		
A16AR	N0. 2 DIESEL FUEL FIRE PUMP TANK		
A19AR	SULFURIC ACID TANK		
A42AR	USED SOLVENT STORAGE		
A43AR	ELIMIN-OX TANK		
A48AR	PART CLEANER (MAIN SHOP)		
A49AR	PART CLEANER (SOOT BLOWER SHOP)		
A4AR	N0. 2 DIESEL FUEL DOZER TANK		
FML02	NO.2 DIESEL FUEL MAIN TANK		
UA1AR	VEHICLE GASOLINE TANK		
UFT	N0. 2 DIESEL FUEL PORTABLE TANK		
WTS01	FLASH MIX TANK		
C01	KOPPERS ESP		
C02	BUELL ESP		
C03	UNIVERSAL OIL PROD. ESP		
C04	UNIVERSAL OIL PROD. ESP		
FML01	COAL PILE		
S03	BOILER #1 STACK		
S04	BOILER #2 STACK		
S05	EMERGENCY GENER. STACK		
Z03	WASTEWATER TREATMENT FUG.		

PERMIT MAPS





PROC
103



STAC
Z03

**SECTION B. General Title V Requirements**

#001 [25 Pa. Code § 121.1]

Definitions

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

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

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#005 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]

Transfer of Ownership or Operational Control

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

**SECTION B. General Title V Requirements**

#006 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]

Inspection and Entry

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;

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

(4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)]

Compliance Requirements

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.512(c)(2)]

Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a 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 conditions of this permit.

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]

Duty to Provide Information

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to

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determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]

Reopening and Revising the Title V Permit for Cause

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The Department will revise the permit as expeditiously as practicable but not later than 18 months after promulgation of the applicable standards or regulations. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#011 [25 Pa. Code § 127.543]

Reopening a Title V Permit for Cause by EPA

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#012 [25 Pa. Code § 127.541]

Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§ 121.1 & 127.462]

Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.



SECTION B. General Title V Requirements

#014 [25 Pa. Code § 127.450]

Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]

Severability Clause

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]

Fee Payment

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§ 127.14(b) & 127.449]

Authorization for De Minimis Emission Increases

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

SECTION B. General Title V Requirements

The Department may disapprove or condition de minimis emission increases at any time.

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquefied petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and / or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code §

**SECTION B. General Title V Requirements**

127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made pursuant to this permit condition.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#018 [25 Pa. Code §§ 127.11a & 127.215]

Reactivation of Sources

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#019 [25 Pa. Code §§ 121.9 & 127.216]

Circumvention

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]

Submissions

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter,
or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Air Enforcement Branch (3AP12)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d). Unless otherwise required by the Clean Air Act or regulations adopted thereunder, this certification and any other

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certification required pursuant to this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

#021 [25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA]

Sampling, Testing and Monitoring Procedures

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#022 [25 Pa. Code §§ 127.511 & Chapter 135]

Recordkeeping Requirements

(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

#023 [25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]

Reporting Requirements

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source.

**SECTION B. General Title V Requirements**

The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#024 [25 Pa. Code § 127.513]

Compliance Certification

(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, including the emission limitations, standards or work practices. This certification shall include:

- (1) The identification of each term or condition of the permit that is the basis of the certification.
- (2) The compliance status.
- (3) The methods used for determining the compliance status of the source, currently and over the reporting period.
- (4) Whether compliance was continuous or intermittent.

(b) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance or, of the submittal date specified elsewhere in the permit, to the Department and EPA in accordance with the submission requirements specified in condition #020 of this section.

#025 [25 Pa. Code § 127.3]

Operational Flexibility

(a) The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit amendments)
- (7) Subchapter H (relating to general plan approvals and operating permits)

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit condition and other applicable operational flexibility terms and conditions of this permit.

#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]

Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release

**SECTION B. General Title V Requirements**

program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

- (1) The applicable requirements are included and are specifically identified in this permit.



SECTION B. General Title V Requirements

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

(a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

(1) Construction or demolition of buildings or structures.

(2) Grading, paving and maintenance of roads and streets.

(3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.

(4) Clearing of land.

(5) Stockpiling of materials.

(6) Open burning operations.

(7) Sources and classes of sources other than those identified above, for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(i) the emissions are of minor significance with respect to causing air pollution; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

(b) An application form for requesting a determination under subsection (a)(7), above is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, characteristics of emissions, quantity of emissions, and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant is required to demonstrate that the requirements of subsections (a)(7), above and 123.1(c) and 123.2 (relating to fugitive particulate matter) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

002 [25 Pa. Code §123.2]

Fugitive particulate matter

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Section C, Condition #001, above, (relating to prohibition of certain fugitive emissions) if such emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.31]

Limitations

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

004 [25 Pa. Code §123.41]

Limitations

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

(1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.

(2) Equal to or greater than 60% at any time.



SECTION C. Site Level Requirements

005 [25 Pa. Code §123.42]

Exceptions

The limitations of 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (1) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in 123.1(a)(1) -- (9) (relating to prohibition of certain fugitive emissions).

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Operating Permit #03-000-023, Condition #8, facility-wide NO_x (nitrogen oxides as NO₂) emissions shall not exceed 6,615 tons per year in any consecutive 12 month period.

007 [25 Pa. Code §129.14]

Open burning operations

(a) No person may permit the open burning of material in a manner that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the owner / operator.
- (2) Malodorous air contaminants from the open burning are detectable outside the property of the owner / operator.
- (3) The emissions interfere with the reasonable enjoyment of life or property.
- (4) The emissions cause damage to vegetation or property.
- (5) The emissions are or may be deleterious to human or animal health.

(b) EXCEPTIONS: The requirements stated in (a), above do not apply where the open burning operations result from:

- (1) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (2) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (3) A fire set solely for recreational or ceremonial purposes.
- (4) A fire set solely for cooking food.

(5) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.

(c) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

- (1) As used in this applicable requirement the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

- (2) clearing and grubbing wastes may be burned subject to the following limitations:



SECTION C. Site Level Requirements

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes that have been transported.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

008 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
- (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

009 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Owner / Operator shall conduct a daily inspection of the facility during daylight hours while the facility is operating. The purpose of the inspection is to detect one of the following:

- a) The presence of visible emissions (except for Source #031 and #032) which may be in excess of the limits stated in Section C, Condition #004. Visible emissions may be measured according to the methods specified in Section C, Condition #008. As an alternative, plant personnel who observe such visible emissions may report each incident to the Department within one hour of the occurrence to make arrangements for a certified observer to take readings of the visible emissions.
- b) The presence of fugitive visible emissions beyond the plant property boundaries, as stated in Section C, Condition #002.
- c) The presence of malodorous air contaminants beyond the plant property boundaries as stated in Section C, Condition #003.

IV. RECORDKEEPING REQUIREMENTS.

010 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The presence of visible emissions, fugitive emissions or malodorous emissions as defined in (a), (b) and (c) of Section C, Condition #009, above, shall be maintained in a logbook. The Owner / Operator shall record the following information:

1. Name of company representative detecting the incident.
2. Date and time of occurrence.
3. Any corrective action(s) taken to abate each recorded deviation and to prevent future occurrences.

These records shall be maintained on site for two (2) years, retained for at least five (5) years and shall be made available to the Department upon request.

011 [25 Pa. Code §129.95]

Recordkeeping

(a) The owner and operator of a major NO_x emitting facility or a major VOCs emitting facility shall keep records to demonstrate compliance with 129.91 -- 129.94.

**SECTION C. Site Level Requirements**

(b) The records shall provide sufficient data and calculations to clearly demonstrate that the requirements of 129.91 -- 129.94 are met.

(c) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the requirement.

(d) The records shall be retained for at least 2 years and shall be made available to the Department on request.

(e) An owner or operator claiming that a facility is exempt from the RACT requirements of 129.91 -- 129.94, based on the facility's potential to emit, shall maintain records that clearly demonstrate to the Department that the facility or source is not subject to 129.91 -- 129.94.

012 [25 Pa. Code §135.5]

Recordkeeping

Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be kept to provide the needed information by indirect means.

V. REPORTING REQUIREMENTS.

013 [25 Pa. Code §127.442]

Reporting requirements.

(a) The owner or operator shall report each malfunction that poses an imminent and substantial danger to the public health and safety or the environment or which it should reasonably believe may result in citizens complaints that occurs at this Title V facility to the Department. For purposes of this condition a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment or a process to operate in a normal or usual manner that may result in an increase in the emissions of air contaminants.

(b) When the malfunction poses an imminent and substantial danger to the public health and safety or harm to the environment, the notification shall be submitted to the Department no later than one hour after the incident.

(1) The notice shall describe the:

- (i) name and location of the facility;
- (ii) nature and cause of the malfunction or breakdown;
- (iii) time when the malfunction or breakdown was first observed;
- (iv) expected duration of excess emissions; and
- (v) estimated rate of emissions.

(2) The owner or operator shall notify the Department immediately when corrective measures have been accomplished.

(3) Subsequent to the malfunction, the owner or operator shall submit a full report on the malfunction to the Department within 15 days, if requested.

(4) The owner or operator shall submit reports on the operation and maintenance of the source to the Regional Air Program Manager at such intervals and in such form and detail as may be required by the Department. Information required in the reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and maintenance schedules.

(c) Malfunctions shall be reported to the Department at the following address:

SECTION C. Site Level Requirements

PADEP
Office of Air Quality
400 Waterfront Drive
Pittsburgh, PA 15222-4745
(412)442-4000

014 [25 Pa. Code §135.21]

Emission statements

The owner or operator shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based. The statement shall contain a certification by a company officer, plant responsible official, designated representative, NOX authorized account representative or the plant manager that the information contained in the statement is accurate.

015 [25 Pa. Code §135.3]

Reporting

(a) The Owner / Operator shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

(b) The source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

016 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent particulate matter from a source identified in 25 PA Code 123(a)(1)-(7) from becoming airborne. These actions shall include, but not be limited to, the following:

(1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

(4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means. [25 PA Code 123.1 and 123.2]

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Pursuant to condition #16 of RACT Operating Permit #03-000-023, all sources and air cleaning devices shall be operated and maintained in accordance with good air pollution control practices to comply with VOC RACT.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Special Condition #4 of Plan Approval PA-03-00023A: It is not an enforceable requirement that the Rotating Over-Fired Air (ROFA) be operated at any given time.

VII. ADDITIONAL REQUIREMENTS.

019 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with Condition #15 of RACT Operating Permit #03-000-023, emission reductions of the targeted contaminant(s) below the level specified in this approval which are achieved by optimizing the effectiveness of equipment installed pursuant to this plan approval are not surplus emission reductions and shall not be used to generate Emission Reduction Credits. In

**SECTION C. Site Level Requirements**

order for emission reductions to be creditable, the emissions reductions must satisfy the requirements of 25 Pa Code, Chapter 127, Subchapter E.

020 [25 Pa. Code §127.531]

Special conditions related to acid rain.

(a) This section describes the permit program for acid deposition control in accordance with Titles IV and V of the Clean Air Act (42 U.S.C.A. 7641 and 7642 and 7661--7661f). The provisions of this section shall be interpreted in a manner consistent with the Clean Air Act and the regulations thereunder.

(b) The owner or operator or the designated representative of each affected source under section 405 of the Clean Air Act (42 U.S.C.A. 7651d) shall submit a permit application and compliance plan for the affected source to the Department within 120 days from notice by the Department to submit an application but no later than January 1, 1996, for sulfur dioxide, and no later than January 1, 1998, for NO_x, that meets the requirements of this chapter, the Clean Air Act and the regulations thereunder.

(c) In the case of affected sources for which an application and plan are timely received, the permit application and the compliance plan, including amendments thereto, shall be binding on the owner or operator or the designated representative of the owner or operator and shall be enforceable as a permit for purposes of this section until a permit is issued by the Department.

(d) A permit issued under this section shall require the source to achieve compliance as soon as possible but no later than the date required by the Clean Air Act or the regulations thereunder for the source.

(e) At any time after the submission of a permit application and compliance plan, the applicant may submit a revised application and compliance plan. In considering a permit application and compliance plan under this section, the Department will coordinate with the Pennsylvania Public Utility Commission consistent with the requirements established by the EPA.

(f) In addition to the other requirements of this chapter, permits issued under this section shall prohibit the following:

(1) Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the owner or operator or designated representative holds for the unit.

(2) Exceeding applicable emission rates or standards, including ambient air quality standards.

(3) The use of an allowance prior to the year for which it is allocated.

(4) Contravention of other provisions of the permit.

(g) Each permit issued to a source under Title IV of the Clean Air Act shall contain a condition prohibiting emissions exceeding any allowances that the source lawfully holds under Title IV of the Clean Air Act or the regulations thereunder.

(1) A permit revision will not be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, if the increases do not require a permit revision under another applicable requirement.

(2) A limit will not be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with another applicable requirement.

(3) An allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act.

021 [25 Pa. Code §139.1]

Sampling facilities.

Upon the request of the Department, the person responsible for a source shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.



SECTION C. Site Level Requirements

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

*** Permit Shield In Effect **

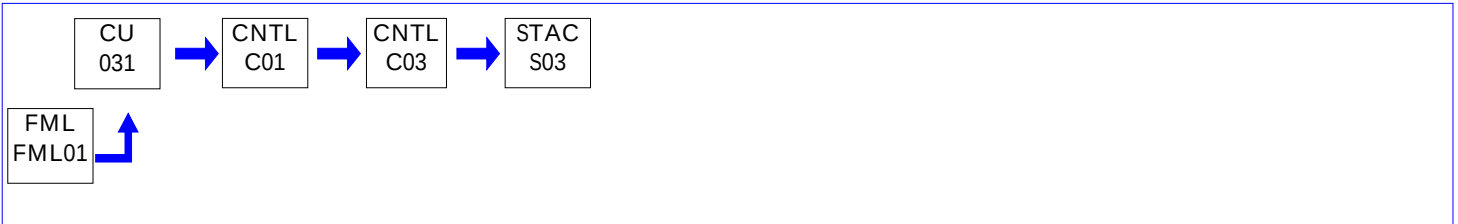
**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: FOSTER WHEELER BOILER #1

Source Capacity / Throughput: 1,934.000 MMBTU / HR
76.00 Tons / HR COAL

Conditions for this source occur in the following groups: G01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §123.115]

Initial NOx allowance NOx allocations.

(a) This source is contained in Appendix E and is , therefore, subject to the requirements of 123.101-123.114, 123.116-123.120 and this section. This source is allocated 1140 NOx allowances for the 1999-2002 NOx allowance control period as listed in Appendix A. Except as provided in 123.120 (relating to audit), if no allocation is specified for the NOx allowance control period beyond 2002, these current allocations continue indefinitely or until modified.

***** Permit Shield in Effect. *****

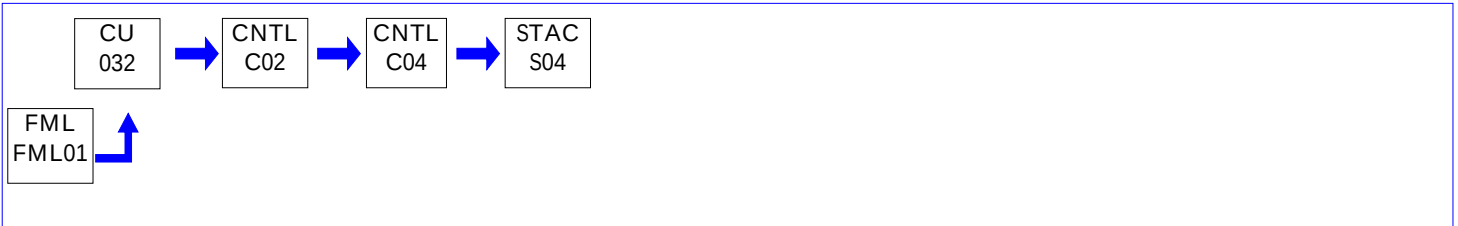
**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: FOSTER WHEELER BOILER #2

Source Capacity / Throughput: 1,761.000 MMBTU / HR
76.00 Tons / HR COAL

Conditions for this source occur in the following groups: G01

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements) and /or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

001 [25 Pa. Code §123.115]

Initial NOx allowance NOx allocations.

(a) This source is contained in Appendix E and is , therefore, subject to the requirements of 123.101-123.114, 123.116-123.120 and this section. This source is allocated 1066 NOx allowances for the 1999-2002 NOx allowance control period as listed in Appendix A. Except as provided in 123.120 (relating to audit), if no allocation is specified for the NOx allowance control period beyond 2002, these current allocations continue indefinitely or until modified.

***** Permit Shield in Effect. *****

**SECTION D. Source Level Requirements**

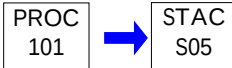
Source ID: 101

Source Name: EMERGENCY DIESEL GENERATOR

Source Capacity / Throughput:

20.00 Gal / HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter at any time from this source in excess of the rate in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grains per dry standard cubic foot.

002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Owner / Operator shall maintain records of operating hours and annual fuel consumption. These records shall be maintained on file for not less than five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

At a minimum, the permittee shall verify particulate matter emission rates using the most recent AP-42 emission factors and fuel usage records.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

At a minimum, the permittee shall verify SO₂ emission rates using the most recent AP-42 emission factors and fuel usage records.



SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: FUGITIVE DUST EMISSIONS

Source Capacity / Throughput:

154.00 Tons / HR

BITUMINOUS COAL

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

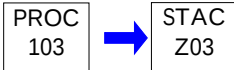
*** Permit Shield in Effect. ***

**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: WASTEWATER TREATMENT SYSTEM

Source Capacity / Throughput: 113,750.00 Gal / HR WASTEWATER

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: 1TOF

Source Name: UNIT 1 TURBINE OIL FILTER

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: 1TOR

Source Name: UNIT 1 TURBINE OIL RESERVOIR

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: 1TOS

Source Name: UNITS 1 AND 2 TURBINE OIL STORAGE

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: 2TOF

Source Name: UNIT 2 TURBINE OIL FILTER

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: 2TOR

Source Name: UNIT 2 TURBINE OIL RESERVOIR

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: A16AR

Source Name: N0. 2 DIESEL FUEL FIRE PUMP TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: A19AR

Source Name: SULFURIC ACID TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: A42AR

Source Name: USED SOLVENT STORAGE

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: A43AR

Source Name: ELIMIN-OX TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: A48AR

Source Name: PART CLEANER (MAIN SHOP)

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: A49AR

Source Name: PART CLEANER (SOOT BLOWER SHOP)

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: A4AR

Source Name: N0. 2 DIESEL FUEL DOZER TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: FML02

Source Name: NO.2 DIESEL FUEL MAIN TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: UA1AR

Source Name: VEHICLE GASOLINE TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: UFT

Source Name: N0. 2 DIESEL FUEL PORTABLE TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***



SECTION D. Source Level Requirements

Source ID: WTS01

Source Name: FLASH MIX TANK

Source Capacity / Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

*** Permit Shield in Effect. ***

**SECTION E. Source Group Restrictions.**

Group Name: G01

Group Description: Main Combustion Units

Sources included in this group:

ID	Name
031	FOSTER WHEELER BOILER #1
032	FOSTER WHEELER BOILER #2

I. RESTRICTIONS.**Emission Restriction(s).**

001 [25 Pa. Code §123.11]

Combustion units

A person may not permit the emission into the outdoor atmosphere of a particulate matter from this combustion unit in excess of the rate of 0.1 pounds per million Btu of heat input.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with RACT Operating Permit #03-000-023, Condition #5, NO_x (nitrogen oxides as NO₂) emissions from each unit shall not exceed 0.45 lbs / mmbtu based on a 30 day rolling average.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with the SIP approved requirements of 25 PA Code 123.22:

This paragraph applies to solid fossil fuel fired combustion units with a rated capacity greater than or equal to 250 million Btus of heat input per hour.

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂ from a combustion unit in excess of the rates set forth in the following table:

Allowable Pounds SO₂ Per 10⁶ Btu Heat Input

Thirty-day running average not to be exceeded at any time 3.7

Daily average not to be exceeded more than 2 days in any running 30-day period 4.0

Daily average maximum not to be exceeded at any time 4.8

(Compliance with this streamlined condition ensures compliance with the current applicable standards of 25 Pa. Code Section 123.22 which average emissions over any one hour period.)

II. TESTING REQUIREMENTS.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Compliance with the particulate emission rate identified under the requirements of 25 Pa. Code Section 123.11 (0.1 lbs / mmBTU) shall be determined by a certified stack test conducted at least once during the term of the permit.

**SECTION E. Source Group Restrictions.**

005 [25 Pa. Code §139.101]

General requirements.

In accordance with the Department's "Continuous Source Monitoring Manual", the Owner / Operator shall conduct an annual system performance audit consistent with the following:

- 1) Departmental approval is obtained prior to testing, and
- 2) Notification is provided to the Department's Source Testing and Monitoring, Continuous Emission Monitoring Section at least 21 days in advance of the testing.

III. MONITORING REQUIREMENTS.

006 [25 Pa. Code §123.108]

Source emissions monitoring requirements.

The owner and operator of each NO_x affected source shall comply with the following requirements:

- (1) NO_x emissions from each NO_x affected source shall be monitored as specified by this section and in accordance with the procedures contained in the document titled, "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program."
- (2) The owner or operator of each NO_x affected source shall submit to the Department and the NO_x budget administrator a monitoring plan in accordance with the procedures outlined in the document titled, "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program."
- (3) New and existing unit emission monitoring systems, as required and specified by this section, shall be installed and the operational and shall have met all of the certification testing requirements in accordance with the procedures and deadlines specified in the document titled, "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program" in a manner consistent with Chapter 139 (relating to sampling and testing).
- (4) Monitoring systems are subject to initial performance testing and periodic calibration, accuracy testing and quality assurance / quality control testing as specified in the document titled "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program." Notwithstanding this provision, Non-Part 75 Sources which have Department approved NO_x CEMS reporting in accordance with 139.101 (relating to general requirements) in units of pounds of NO_x per hour shall complete the periodic self-audits listed in the quality assurance section of 139.102(3) (relating to references) at least annually and no sooner than 6 months following the previous periodic self-audit. If practicable, the audit shall be conducted between April 1 and May 31.
- (5) During a period when valid data is not being recorded by devices approved for use to demonstrate compliance with this subchapter, missing or invalid data shall be replaced with representative default data in accordance with 40 CFR Part 75 (relating to continuous emission monitoring) and the document titled, "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program." Notwithstanding this provision, Non-Part 75 Sources which have Department approved NO_x CEMS reporting in accordance with 139.101 in units of pounds of NO_x per hour shall report this data to the NETS and shall continue report submissions as required under Chapter 139 to the Department.
- (6) Sources subject to 40 CFR Part 75 shall demonstrate compliance with this section with a certified Part 75 monitoring system.
 - (i) If the source has a flow monitor certified under Part 75, NO_x in pounds per hour shall be determined using the Part 75 NO_x CEMS and the flow monitor. The NO_x emission rate in pounds per million Btu shall be determined using the procedure in 40 CFR Part 75 Appendix F, Section 3 (relating to procedures for NO_x emission rate). The hourly heat input shall be determined by using the procedures in 40 CFR Part 75 Appendix F, Section 5 (relating to procedures for heat input). NO_x in pounds per hour shall be determined by multiplying the NO_x per million Btu by the Btus per hour.
 - (ii) If a Part 75 source does not have a certified flow monitor, but does have a certified NO_x CEMS, NO_x emissions in pounds per hour emissions shall be determined by using the NO_x CEMS to determine the NO_x emission rate in pounds per million Btu and the heat input shall be determined by using the procedures in 40 CFR Part 75 Appendix D (relating to optional SO₂ emissions data protocol for gas-fired and oil-fired units). NO_x in pounds per hour shall be determined by multiplying the NO_x per million Btu and Btus per hour.

**SECTION E. Source Group Restrictions.**

(iii) If the owner or operator of a source uses the procedures in 40 CFR Part 75, Appendix E (relating to optional NO_x emissions estimation protocol for gas-fired peaking units and oil-fired peaking units) to determine the NO_x emission rate, NO_x emissions in pounds per hour shall be determined by multiplying the NO_x emission rate determined by using the Appendix E procedures times the heat input determined using the procedures in 40 CFR Part 75, Appendix D.

(iv) If the owner or operator of a source uses the procedures in 40 CFR Part 75, Subpart E (relating to alternative monitoring systems) to determine NO_x emission rate, NO_x emissions in pounds per hour shall be determined using the alternative monitoring method approved under 40 CFR Part 75 Subpart E and the procedures contained in the document titled, "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program."

(v) If the source emits to common or multiple stacks, or both, the source shall monitor emissions according to the procedures contained in the document titled, "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program."

(7) If the owner or operator determines NO_x emission rate in ppm and flow in standard cubic feet per hour, the procedures in "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program" may be used to determine NO_x emissions of this rule in pounds per hour. This value shall be reported to the NETS.

007 [25 Pa. Code §123.25]

Monitoring requirements

(a) The Owner / Operator shall install, operate and maintain continuous SO₂ monitoring systems in compliance with Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with Chapter 139, Subchapter C.

(b) Continuous SO₂ monitoring systems installed under this section shall meet the minimum data availability requirements in Chapter 139, Subchapter C.

(c) The following are alternative monitoring systems:

(1) The Department will allow affected sources to utilize sulfur-in-fuel sampling programs in lieu of the requirements of subsection (a). These programs shall meet the requirements of Chapter 139, Subchapter C.

(2) The Department may exempt a source from the requirements of subsection (a) if the Department determines that the installation of a continuous emission monitoring system would not provide accurate determination of emissions or that installation of a continuous emission monitoring system cannot be implemented by a source due to physical plant limitations or to extreme economic reasons. The Department will require an exempted source to fulfill alternative emission monitoring and reporting requirements.

(d) The Department may use the data from the SO₂ monitoring devices or from the alternative monitoring systems required by this section to enforce the emission limitations for SO₂ defined in this article.

(e) Compliance with this section shall be obtained no later than 18 months after the effective date of the listing of any affected source. The Department may grant orders providing reasonable extension of time for sources that have made good faith efforts to install, operate and maintain continuous monitoring devices, but that have been unable to complete the operations within the time period provided.

(f) The Department may use the data from the SO₂ monitoring systems or from the alternative monitoring systems required by this section to determine compliance with the applicable emission limitations for SO₂ established in this article.

008 [25 Pa. Code §123.46]

Monitoring requirements

(a) The Owner / Operator shall install, operate, and maintain continuous opacity monitoring devices in compliance with Chapter 139, Subchapter C (relating to requirements for continuous in-stack monitoring for stationary sources). Results of opacity monitoring shall be submitted to the Department on a regular basis in compliance with the requirements of Chapter 139, Subchapter C.

(b) The Department may exempt a source from the requirements of subsection (a) if the Department determines that the installation of a continuous emission monitoring system would not provide accurate determination of emissions or that

**SECTION E. Source Group Restrictions.**

installation of a continuous emission monitoring system may not be implemented by a source due to physical plant limitations or to extreme economic reasons. The Department will require such an exempted source to fulfill alternative emission monitoring and reporting requirements.

(c) The Department may use the data from the monitoring devices or from the alternative monitoring systems required by this section to enforce the visible emission limitations defined in this article.

(d) Compliance with this section shall be obtained no later than 18 months after the effective date of the listing of any affected source. The Department may grant orders providing reasonable extension of time for sources that have made good faith efforts to install, operate and maintain continuous monitoring devices but have been unable to complete such operations within the time period provided.

009 [25 Pa. Code §123.51]

Monitoring requirements

(a) The Owner / Operator shall install, operate and maintain continuous nitrogen oxides monitoring systems and other monitoring systems to convert data to required reporting units in compliance with Chapter 139, Subchapter C (relating to requirements for continuous in-stack monitoring for statutory sources).

(b) Sources subject to this section shall submit results on a regular schedule and in a format acceptable to the Department and in compliance with Chapter 139, Subchapter C.

(c) Continuous nitrogen oxides monitoring systems installed under the requirements of this section shall meet the minimum data availability requirements in Chapter 139, Subchapter C.

(d) The Department may exempt a source from the requirements of subsection (a) if the Department determines that the installation of a continuous emission monitoring system would not provide accurate determination of emissions or that installation of a continuous emission monitoring system cannot be implemented by a source due to physical plant limitations or to extreme economic reasons. A source exempted from the requirements of subsection (a) shall satisfy alternative emission monitoring and reporting requirements proposed by the source and approved by the Department which provide oxides emission data that is representative of actual emissions of the source.

(e) Sources subject to this section shall comply by October 20, 1993, unless the source becomes subject to the requirements later than October 20, 1990. For sources which become subject to the requirements after October 20, 1990, the source has 36 months from the date the source becomes subject to this section. The Department may issue orders providing a reasonable extension of time for sources that have made good faith efforts to install, operate and maintain continuous monitoring devices, but that have been unable to complete the operations within the time period provided.

010 [25 Pa. Code §139.101]

General requirements.

In accordance with the Department's "Continuous Source Monitoring Manual" the owner or operator shall observe the following requirements when performing any maintenance / calibration on the CEM system(s):

(A) MAINTENANCE:

1. Zero and calibration drift checks should be conducted immediately prior to and following maintenance.
2. If the post maintenance zero or the calibration drift checks show drift in excess of twice the applicable performance specification, recalibration must be conducted in accordance with the quarterly calibration error check procedures in paragraph (B)(2). Monitors may be calibrated in-situ.

(B) PERIODIC CALIBRATION:

1. Calibration must be conducted at least daily for determination of measurement device zero and calibration drift on all measurement

SECTION E. Source Group Restrictions.

device ranges. The calibration must be performed as per the Department's "Continuous Source Monitoring Manual."

2. The monitoring system must be adjusted whenever the zero or calibration drift performance specification are exceeded.
3. The zero drift check must be conducted at a measurement level at or between 0% and 30% of measurement device range. The value selected must be lower than the lowest value that would be expected to occur under normal source operating conditions.
4. The calibration drift check must be conducted at a measurement level at or between 40% and 100% of measurement device range unless an alternative concentration can be demonstrated to better represent normal source operating levels.

011 [25 Pa. Code §145.6]

[Standard requirements.](#)

[145.6(a) Standard requirements - Monitoring requirements]

(1) The owners and operators and the NO_x authorized account representative of each NO_x budget source and each NO_x budget unit at the source shall comply with the monitoring requirements of 145.70-145.76 (relating to recordkeeping and recording requirements) by May 1, 2002.

(2) The emissions measurements recorded and reported in accordance with 145.70-145.76 shall be used to determine compliance by the unit with the NO_x budget emissions limitation under Subsection 145.6(c).

012 [25 Pa. Code §145.74.]

[Recordkeeping and reporting.](#)

[145.74(b) Standard requirements - Monitoring plans]

(1) The owner or operator of a unit subject to an acid rain emissions limitation shall comply with 40 CFR 75.62 (relating to monitoring plan), except that the monitoring plan shall also include all of the information required by 40 CFR Part 75, Subpart H.

(2) The owner or operator of a unit that is not subject to an acid rain emissions limitation shall comply with requirements of 40 CFR 75.62, except that the monitoring plan is only required to include the information required by 40 CFR Part 75, Subpart H.

013 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.1]

[Subpart A--General](#)

[Purpose and scope.](#)

014 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.10]

[Subpart B--Monitoring Provisions](#)

[General operating requirements.](#)

015 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.12]

[Subpart B--Monitoring Provisions](#)

[Specific provisions for monitoring NO_x emissions \(NO_x and diluent gas monitors\).](#)

**SECTION E. Source Group Restrictions.**

# 016	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.13] Subpart B--Monitoring Provisions Specific provisions for monitoring CO2 emissions.
# 017	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.14] Subpart B--Monitoring Provisions Specific provisions for monitoring opacity.
# 018	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.16] Subpart B--Monitoring Provisions Special provisions for monitoring emissions from common, by-pass, and multiple stacks for SO2 emissions and heat input determinations.
# 019	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.17] Subpart B--Monitoring Provisions Specific provisions for monitoring emissions from common, by-pass, and multiple stacks for NOx emission rate.
# 020	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.18] Subpart B--Monitoring Provisions Specific provisions for monitoring emissions from common and by-pass stacks for opacity.
# 021	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.2] Subpart A--General Applicability.
# 022	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.20] Subpart C--Operation and Maintenance Requirements Certification and recertification procedures.
# 023	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.21] Subpart C--Operation and Maintenance Requirements Quality assurance and quality control requirements.
# 024	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.22] Subpart C--Operation and Maintenance Requirements Reference test methods.
# 025	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.23] Subpart C--Operation and Maintenance Requirements Alternatives to standards incorporated by reference.
# 026	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.24] Subpart C--Operation and Maintenance Requirements Out-of-control periods.
# 027	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.3] Subpart A--General General Acid Rain Program provisions.
# 028	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.30] Subpart D--Missing Data Substitution Procedures General provisions.

**SECTION E. Source Group Restrictions.**

# 029	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.4] Subpart A--General Compliance dates.
# 030	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.5] Subpart A--General Prohibitions.
# 031	[40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.6] Subpart A--General Incorporation by reference.

IV. RECORDKEEPING REQUIREMENTS.

# 032	[25 Pa. Code §139.101] General requirements. In accordance with the Department's "Continuous Source Monitoring Manual", the permittee shall maintain the Continuous Emission Records as follows: 1) All data shall be reduced to one-hour averages on a clock basis, except opacity, which shall be reduced to one-minute averages. The reduction methods must be in accordance with the data validation and reduction criteria of the Department's Quality Assurance requirements. 2) A chronological file shall be maintained which includes the following: a) All measurements from the systems, b) All valid averages as specified above, c) The cause, time periods, and magnitudes of all exceedances, d) Data and results for all performance tests, audits and recalibrations e) Records of any repairs, adjustments or maintenance f) Conversion methods, g) The cause and time periods for any invalid data. h) Records of all corrective actions taken in response to exceedances. i) Copies of the Phase I application, Phase II testing protocol, Phase III performance specification testing report and all correspondence related to the CEMs.
# 033	[25 Pa. Code §145.6] Standard requirements. [145.6(d) Standard requirements - Recordkeeping and reporting requirements] Unless otherwise provided, the owners and operators of the NOx budget source and each NOx budget unit at the source shall maintain at a central location and provide upon request by the Department or the NOx Budget Administrator all documents required under 145.6(d) for a period of 5 years from the date the document is created. This period may be extended for cause,

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at any time prior to the end of 5 years, in writing by the Department or the Administrator.

V. REPORTING REQUIREMENTS.

034 [25 Pa. Code §123.104]

Source authorized account representative requirements.

- (a) The owner or operator of a NOx affected source shall designate for each source account, one authorized account representative and one alternate. Initial designations shall be submitted to the Department by December 1, 1997. An authorized account representative may be replaced or, for a new NOx affected source, designated with the submittal of a new "Account Certificate of Representation."
- (b) The "Account Certificate of Representation" shall be signed by the authorized account representative for the NOx affected source and contain, at a minimum, the following:
- (1) Identification of the NOx affected source by plant name, state and fossil fired indirect heat transfer combustion unit number for which the certification of representation is submitted.
 - (2) The name, address, telephone and facsimile number of the authorized account representative and the alternate.
 - (3) A list of owners and operators of the NOx affected source.
 - (4) The verbatim statement, "I certify that I, __, was selected as the Authorized Account Representative (name) by an agreement binding on the owners and operators of the NOx affected source legally designated as __." (name of facility)
- (c) The alternate authorized account representative shall have the same authority as the authorized account representative. Correspondence from the NOx budget administrator shall be directed to the authorized account representative.
- (d) Only an authorized account representative or the designated alternate may request transfers of NOx allowances in a NATS account. The authorized account representative shall be responsible for all transactions and reports submitted to the NATS.
- (e) Authorized account representative designation or changes become effective upon the logged date of receipt of a complete application by the NOx budget administrator from the Department. The NOx budget administrator will acknowledge receipt and the effective date of the changes by written correspondence to the authorized account representative.

035 [25 Pa. Code §123.109]

Source emissions reporting requirements.

- (a) The authorized account representative for each NOx affected source shall submit to the NOx budget administrator, electronically in a format which meets the requirements of EPA's Electronic Data Reporting convention, emissions and operations information for each calendar quarter of each year in accordance with the document titled, "Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program."
- (b) Upon permanent shutdown, NOx affected sources may be exempted from this section after receiving written Department approval of a request filed by the authorized account representative for the NOx affected source which identifies the source and date of shutdown.

036 [25 Pa. Code §139.101]

General requirements.

In accordance with the Department's "Continuous Source Testing Manual," the owner or operator shall submit to the Department calendar quarterly reports of Continuous Emission Monitoring Systems (CEMs) containing the following:

- 1) Information on the source and emissions in accordance with the appropriate reporting format approved by the Department.
- 2) The results of all performance test, audits and recalibrations conducted during the quarter.

The report signed by the responsible official shall be submitted in duplicate to the Division of Source Testing and Monitoring, Continuous Testing Section at the following address, within thirty (30) days following the end of each quarter:

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Department of Environmental Protection
 Division of Source Testing and Monitoring, Continuous Testing Section
 Rachael Carson State Office Building
 P.O. Box 8468
 Harrisburg, PA 17105-8468

3) Subsequent data report changes must be submitted in duplicate to the Air Program Manager, Southwestern Regional Office. Data resubmittals must be submitted to the Regional Office within sixty (60) days following the end of the quarter.

037 [25 Pa. Code §145.30.]
[Compliance certification report.](#)

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

038 [25 Pa. Code §145.74.]
[Recordkeeping and reporting.](#)

[145.74 Source emissions reporting requirements]

(a) The authorized account representative shall submit to the Department and to the NOx Budget Administrator a quarterly emissions report in accordance with the requirements of 145.74(d).

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

039 [40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.13]
[Subpart B--Allowance Allocations](#)
[Procedures for submittals.](#)

040 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.60]
[Subpart G--Reporting Requirements](#)
[General provisions.](#)

041 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.61]
[Subpart G--Reporting Requirements](#)
[Notifications](#)

042 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.62]
[Subpart G--Reporting Requirements](#)
[Monitoring plan.](#)

043 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.63]
[Subpart G--Reporting Requirements](#)
[Initial certification or recertification application.](#)

044 [40 CFR Part 75 Continuous Emission Monitoring §40 CFR 75.64]
[Subpart G--Reporting Requirements](#)
[Quarterly reports.](#)

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (Title V General Requirements).

**SECTION E. Source Group Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

045 [25 Pa. Code §123.102]

Source NO_x allowance requirements and NO_x allowance control period.

(a) The owner or operator or each NO_x affected source shall, by December 31 of each calendar year, hold a quantity of NO_x allowances meeting the requirements of 123.110(a) (relating to source compliance requirements) in the source's current year NATS account that is equal to or greater than the total NO_x emitted from the source during that year's NO_x allowance control period.

(b) The initial NO_x allowance control period begins on May 1, 1999.

046 [25 Pa. Code §123.103]

General NO_x allowance provisions.

The NO_x Authorized Account Representative is:

David Benson
Vice President, Production & Sales
Allegheny Energy Supply Company, LLC
4350 Northern Pike
Monroeville, PA 15146
phone: (412) 858-1625
fax: (412) 856-2789
e-mail: dbenson@alleghenyenergy.com

The NO_x Authorized Account Representative Alternative and Allowance Permit Contact is:

Ronald C. Rodgers
Principle Engineer
Allegheny Energy Supply Company, LLC
4350 Northern Pike
Monroeville, PA 15146
phone: (412) 858-1657
fax: (412) 856-2394
e-mail: rrodger@alleghenyenergy.com

047 [25 Pa. Code §123.103]

General NO_x allowance provisions.

(a) NO_x allowances shall be allocated, transferred or used as whole NO_x allowances. To determine the number of whole NO_x allowances, the number of NO_x allowances shall be rounded down for decimals less than 0.50 and rounded up for decimals of 0.50 or greater.

(b) A NO_x allowance does not constitute a security or other form of property.

(c) Allowances may not be used to meet the requirements of this subchapter prior to the year for which they are allocated.

(d) For the purposes of account reconciliation, NO_x allowances allocated for the NO_x allowance control period shall be deducted first, and remaining allowances if not otherwise designated by the source shall be deducted on a first-in, first-out basis.

(e) NO_x allowances may only be used to comply with 123.101, 123.102, 123.104-123.120 and this section (relating to NO_x allowance requirements).

048 [25 Pa. Code §123.105]

NATS provisions.

(a) The NATS account records shall constitute a NO_x affected source's NO_x allowance holdings.

(b) The transfer, use and deduction of NO_x allowances become effective only after entry in the tracking system account records.

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(c) Any person may hold an account in the NATS.

049 [25 Pa. Code §123.106]

[NOx allowance transfer protocol.](#)

(a) NOx allowances may be transferred at any time between January 31 and December 31 in accordance with 123.107 (relating to NOx allowance transfer procedures).

(b) NOx allowances shall be held by the originating account at the time of the transfer request.

(c) A transfer request shall be filed jointly with the NOx budget administrator and the Department by the person named as the authorized account representative for the originating account.

(d) The transfer is effective as of the date the NOx budget administrator posts the transfer of the allowances on the NATS.

050 [25 Pa. Code §123.107]

[NOx allowance transfer procedures.](#)

NOx allowances may be transferred under the following conditions:

(1) The transfer request shall be documented on a form, or electronic media, approved by the Department. The following information, at a minimum, shall be provided:

(i) The account number identifying both the originating account and the acquiring account.

(ii) The name and address associated with the owners of the originating account and the acquiring account.

(iii) The identification of the serial numbers for each NOx allowance being transferred.

(2) The transfer request shall be authorized and certified by the authorized account representative for the originating account. To be considered correctly submitted, the request for transfer shall include the following statement of certification:

"I am authorized to make this submission on behalf of the owners and operators of the NOx affected source and I hereby certify under the penalty provisions contained in the Air Pollution Control Act, that I have personally examined the foregoing and am familiar with the information contained in this document, and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

The authorized account representative for the originating account shall provide a copy of the transfer request to each owner or operator of the NOx affected source.

051 [25 Pa. Code §123.110]

[Source compliance requirements.](#)

(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOx budget administrator to deduct, consistent with 123.107 (relating to NOx allowance transfer procedures) a designated amount of NOx allowances by serial number, from the NOx affected source's compliance account in an amount equivalent to the NOx emitted from the NOx affected source during that year's NOx allowance control period in accordance with the following:

(1) Allowances allocated for the current NOx control period may be used without restriction.

(2) Allowances allocated for future NOx control periods may not be used.

(3) NOx allowances which were allocated for any preceding NOx allowance control period which were not used (banked) may be used in the current control period even if this may result in an unlimited exceedance of the NOx budget. Banked allowances shall be deducted against emissions in accordance with a ratio of NOx allowances to emissions as specified by the NOx budget administrator as follows:

(i) If the total NOx allowances remaining in the NATS for all sources for preceding NOx allowance control periods are less

SECTION E. Source Group Restrictions.

than or equal to 10% of the total NOx allowances allocated for that NOx allowance control period, the ratio is 1:1.

(ii) If the total NOx allowances remaining in the NATS for all sources for preceding NOx allowance control periods are greater than 10% of the NOx allowances allocated for that NOx allowance control period, the ratio is 2:1 for the portion of banked allowances used for compliance from an account which are in excess of the amount calculated by multiplying the total allowances banked in the account times the PFC (progressive flow control). where

(b) If, by the December 31 compliance deadline, the authorized account representative either makes no NOx allowance deduction request, or a NOx allowance deduction request insufficient to meet the requirements of subsection (a), the NOx budget administrator may deduct the necessary number of NOx allowances from the NOx affected source's compliance account. The NOx budget administrator shall provide written notice to the authorized account representative that NOx allowance were deducted from the source's account. If the necessary number of NOx allowance is available, the source will be in compliance after the NOx allowance deduction is completed. If there is an insufficient number of NOx allowances available for NOx allowance deduction, 123.111 (relating to failure to meet source compliance requirements) applies.

(c) For each NOx allowance control period, the authorized account representative for the NOx affected source shall submit an annual compliance certification to the Department.

(d) The compliance certification shall be submitted no later than the NOx allowance transfer deadline (December 31) of each year.

(e) The compliance certification shall contain, at a minimum, the following:

(1) An identification of the NOx affected source, including the name, address, the name of the authorized account representative and the NATS account number.

(2) A statement indicating whether or not emissions data has been submitted to the NETS in accordance with 123.108 (relating to source emissions monitoring requirements).

(3) A statement indicating whether or not the NOx affected source held sufficient NOx allowances, as determined in subsection (a), in its compliance account for the NOx allowance control period, as of the NOx allowance transfer deadline, to equal or exceed the NOx affected source's actual emissions and the emissions reported to the NETS for the NOx allowance control period.

(4) A statement indicating whether or not the monitoring plan which governs the NOx affected source was followed when monitoring the actual operation of the NOx affected source.

(5) A statement indicating that all emissions from the NOx affected source were accounted for, either through the applicable monitoring or through application of the appropriate missing data procedures.

(6) A statement indicating whether there were any changes in the method of operation of the NOx affected source or the method of monitoring of the NOx affected source during the current year.

(f) The Department may verify compliance by whatever means necessary including one or more of the following:

(1) Inspection of facility operating records.

(2) Obtaining information on NOx allowance deduction and transfers from the NATS.

(3) Obtaining information on emissions from the NETS.

(4) Testing emission monitoring devices.

(5) Requiring the NOx affected source to conduct emissions testing in accordance with Chapter 139 (relating to sampling and testing).

052 [25 Pa. Code §123.111]

[Failure to meet source compliance requirements.](#)

SECTION E. Source Group Restrictions.

(a) Failure by the NOx affected source to hold in its compliance account, for a NOx allowance control period, as of the NOx allowance transfer deadline, sufficient NOx allowances equal to or exceeding actual emissions for the NOx allowance control period as specified under 123.102 (relating to source allowance requirements and NOx allowance control period) shall result in NOx allowance deduction from the NOx affected source's compliance account at the rate of 3 NOx allowances for every 1 ton of excess emissions. If sufficient allowances meeting the requirements of 123.110(a) (relating to source compliance requirements) are not available, the source shall provide other sufficient allowances which shall be deducted prior to the beginning of the next NOx allowances control period, otherwise the source may not operate during subsequent control periods.

(b) In addition to the NOx allowance deduction required by subsection (a), the Department may enforce the provisions of this section and 123.101-123.110 and 123.112-123.120 under the act and the Clean Air Act.

(1) For purposes of determining the number of days of violation, any excess emissions for the NOx allowance control period shall presume that each day in the NOx allowance control period constitutes a day in violation (153 days) unless the NOx affected source can demonstrate, to the satisfaction of the Department, that a lesser number of days should be considered.

(2) Each ton of excess emissions is a separate violation.

053 [25 Pa. Code §123.113]

Source recordkeeping requirements.

The owner or operator of a NOx affected source shall maintain for each NOx affected source and for 5 years, or any other period consistent with the terms of the NOx affected source's operating permit, the measurements, data, reports and other information required by 123.101-123.112, 123.114-123.120 and this section.

054 [25 Pa. Code §123.114]

General NOx allocation provisions.

(a) NOx allocations to NOx affected sources may only be made by the Department.

(b) Except as provided in 123.116 (relating to source opt-in provisions), for NOx affected sources identified in Appendix E which shutdown or curtail operations, the source account will continue to receive NOx allowances for each NOx allowance control period.

055 [25 Pa. Code §123.115]

Initial NOx allowance NOx allocations.

(a) The sources contained in Appendix E are subject to the requirements of 123.101-123.114, 123.116-123.120 and this section. These sources are allocated NOx allowances for the 1999-2002 NOx allowance control periods as listed in Appendix A. Except as provided in 123.120 (relating to audit), if no allocation is specified for the NOx allowance control periods beyond 2002, the current allocations continue until modified.

056 [25 Pa. Code §123.117]

New NOx affected source provisions.

(a) NOx allowances may not be created for new NOx affected sources. New NOx affected sources are sources which are not listed in 123.115 (relating to initial NOx allowance NOx allocations). The owner or operator of a new NOx affected source shall establish a compliance account prior to the commencement of operations and is responsible to acquire any required NOx allowances from those available in the NATS.

(b) Newly discovered NOx affected sources not included in Appendix E which operated at any time between May 1 and September 30, 1990, shall comply with 123.101-123.116, 123.118-123.120 and this section (relating to NOx allowance requirements) within 1-calendar year from the date of discovery. For those sources which notify the Department by April 1, 1998, the Department will petition the OTC to include the emissions in the NOx MOU Budget and provide NOx allowances to the source using the historical May 1 to September 30, 1990, emissions reduced as specified in 123.119(a)(4)(ii) (relating to bonus NOx allowance awards).

057 [25 Pa. Code §123.118]

Emission reduction credit provisions.

(a) NOx affected sources may create, transfer and use emission reduction credits in accordance with Chapter 127 (relating to

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construction, modification, reactivation and operation of sources) and this section. ERCs may not be used to satisfy NOx allowance requirements.

(b) Emission reductions made through overcontrol, curtailment or shutdown for which allowances are banked are not surplus and may not be used to create ERCs.

(c) A NOx affected source may transfer NOx ERCs to an NOx affected source if the new or modified NOx affected source's ozone season (May 1-September 30) allowable emissions do not exceed the ozone season portion of the baseline emissions which were used to generate the NOx ERCs.

(d) A NOx affected source may transfer NOx ERCs to a non-NOx affected source under the following conditions:

(1) The non-NOx affected source's ozone season (May 1-September 30) allowable emissions may not exceed the ozone season portion of the baseline emissions which were used to generate the NOx ERCs.

(2) The NATS account for NOx affected sources which generated ERCs transferred to non-NOx affected sources, including prior to the date of publication in the Pennsylvania Bulletin, shall have a corresponding number of allowances retired that reflect the transfer of emissions regulated under 123.101-123.117, 123.119-123.120 and this section (relating to NOx allowance requirements) of the NOx nonaffected sources. The amount of annual NOx allowances deducted shall be equivalent to that portion of the nonaffected source's NOx control period allowable emissions which were provided for by the NOx ERCs from the affected source.

(3) Allocations for NOx allowance control periods following 2002 to the NOx ERC generating source may not include the allowances identified in paragraph (2).

058 [25 Pa. Code §123.121]

NOx Allowance Program transition.

The emission limitations and monitoring requirements established in 123.101-123.120 (relating to NOx allowance requirements) are replaced by the requirements in Chapter 145 beginning with the May 1, 2003, control period. If a source has failed to demonstrate compliance with 123.111 (relating to failure to meet source compliance requirements), the provisions in 145.54(d) (relating to compliance) shall be used to withhold NOx allowances in calendar year 2003 and beyond. If no NOx allowances are provided to the source under 145.42 (relating to NOx allowance allocations), the source will be obligated to acquire and retire a number of NOx allowances as specified in 145.54.

059 [25 Pa. Code §127.441]

Operating permit terms and conditions.

NOx Budget Trading Program Incorporation

The emissions limitations, monitoring and all other requirements of the NOx Budget Trading Program established in 25 Pa. Code 145.1 - 145.90 are hereby incorporated by reference.

060 [25 Pa. Code §139.102]

References.

The following are references of this subchapter:

(1) "Standards of Performance for New Stationary Sources," 40 CFR Chapter I, Subchapter C, Part 60, Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402-9328.

(2) "Minimum Emission Monitoring Requirements," 40 CFR Subchapter C, Part 51, Appendix P, Superintendent of Documents, U. S. Government Printing Office, Washington, D.C. 20402-9328.

(3) "Continuous Source Monitoring Manual," Commonwealth of Pennsylvania, Department of Environmental Resources, Bureau of Air Quality Control, Post Office Box 8468, Harrisburg, Pennsylvania 17105-8468.

061 [25 Pa. Code §145.10.]

Authorization and responsibilities of the NOx authorized account representative.

SECTION E. Source Group Restrictions.

(1) [145.10(a)] Except as provided under 145.11 (relating to alternate NOx authorized account representative), each NOx budget source, including all NOx budget units at the source, shall have one, and only one, NOx authorized account representative, with regard to all matters under the NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

(2) [145.10(e)] 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.

062 [25 Pa. Code §145.6]

[Standard requirements.](#)

[145.6(b) Standard requirements - NOx Requirements]

(1) 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 145.54 (relating to compliance), 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 145.70-145.76 (relating to recordkeeping and reporting requirements) plus any amount necessary to account for actual heat input under 145.42(e) (relating to NOx allowance allocations) for the control period or to account for excess emissions for a prior control period under 145.54(d) or to account for withdrawal from the NOx Budget Trading Program, or a change in regulatory status, of a NOx budget opt-in unit under 145.86 or 145.87 (relating to withdrawal from NOx Budget Trading Program; and opt-in source change in regulatory status).

(2) A NOx budget unit shall be subject to the requirements under Paragraph (1) starting on May 1, 2003, or the date on which the unit commences operation, whichever is later.

063 [25 Pa. Code §145.6]

[Standard requirements.](#)

[145.6(c) Standard requirements - Excess Emissions]

The owners and operators of a NOx budget unit that has excess emissions in any control period shall do the following:

Surrender the NOx allowances required for deduction under 145.54(d)(1) (relating to compliance).

064 [25 Pa. Code §145.74.]

[Recordkeeping and reporting.](#)

[145.74(c) Certification applications]

The NOx authorized account representative shall submit an application to the Department within 45 days after completing all initial certification or recertification tests required under 145.71 (relating to initial certification and recertification procedures) including the information required under 40 CFR Part 75, Subpart H.

065 [25 Pa. Code §145.90.]

[Emission reduction credit provisions.](#)

NOx budget units may create, transfer and use emission reduction credits (ERCs) in accordance with Chapter 127 and 145.90. ERCs may not be used to satisfy NOx allowance requirements.

066 [40 CFR Part 72 Regulations on Permits §40 CFR 72.1]

[Subpart A--Acid Rain Program General Provisions](#)

[Purpose and scope.](#)

067 [40 CFR Part 72 Regulations on Permits §40 CFR 72.3]

[Subpart A--Acid Rain Program General Provisions](#)

[Measurements, abbreviations, and acronyms.](#)

**SECTION E. Source Group Restrictions.**

# 068	[40 CFR Part 72 Regulations on Permits §40 CFR 72.4] Subpart A--Acid Rain Program General Provisions Federal authority.
# 069	[40 CFR Part 72 Regulations on Permits §40 CFR 72.5] Subpart A--Acid Rain Program General Provisions State authority.
# 070	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.1] Subpart A--Background and Summary Purpose and scope.
# 071	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.12] Subpart B--Allowance Allocations Rounding procedures.
# 072	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.30] Subpart C--Allowance Tracking System Allowance tracking system accounts.
# 073	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.31] Subpart C--Allowance Tracking System Establishment of accounts.
# 074	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.32] Subpart C--Allowance Tracking System Allowance account contents.
# 075	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.33] Subpart C--Allowance Tracking System Authorized account representative.
# 076	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.34] Subpart C--Allowance Tracking System Recordation in accounts.
# 077	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.35] Subpart C--Allowance Tracking System Compliance.
# 078	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.36] Subpart C--Allowance Tracking System Banking.
# 079	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.37] Subpart C--Allowance Tracking System Account error and dispute resolution.
# 080	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.38] Subpart C--Allowance Tracking System Closing of accounts.

**SECTION E. Source Group Restrictions.**

# 081	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.50] Subpart D--Allowance Transfers Scope and submission of transfers.
# 082	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.51] Subpart D--Allowance Transfers Prohibition.
# 083	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.70] Subpart E--Auctions, Direct Sales, and Independent Power Producers Written Guarantee Auctions.
# 084	[40 CFR Part 73 Sulfur Dioxide Allowance System §40 CFR 73.71] Subpart E--Auctions, Direct Sales, and Independent Power Producers Written Guarantee Bidding.

*** Permit Shield in Effect. ***



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.



SECTION G. Emission Restriction Summary.

Source Id	Source Description		
031	FOSTER WHEELER BOILER #1		
Emission Limit			Pollutant
0.450	Lbs / MMBTU	30 day rolling average	NOX
0.100	Lbs / MMBTU	heat input	PM10
3.700	Lbs / MMBTU	30 day running avg.	SOX
4.000	Lbs / MMBTU	daily avg. 2 days / 30 day pd.	SOX
4.800	Lbs / MMBTU	daily avg. maximum	SOX
032	FOSTER WHEELER BOILER #2		
Emission Limit			Pollutant
0.450	Lbs / MMBTU	30 day rolling average	NOX
0.100	Lbs / MMBTU	heat input	PM10
3.700	Lbs / MMBTU	30 day running avg.	SOX
4.000	Lbs / MMBTU	daily avg. 2 days / 30 day pd.	SOX
4.800	Lbs / MMBTU	daily avg. maximum	SOX
101	EMERGENCY DIESEL GENERATOR		
Emission Limit			Pollutant
0.040	gr / DRY FT3	(scfm)	PM10
500.000	PPMV	dry basis	SO2

Site Emission Restriction Summary

Emission Limit		Pollutant
6,615.000	Tons / Yr	consec. 12 month pd.
		NOX

SECTION H. Miscellaneous.

1) Heat input capacities listed in Section A. (Site Inventory) and Section D. (Source Level Requirements) are for informational purposes only and are not enforceable limits.

2) The following sources are designated as "Plant Fugitive Emissions Sources - Source ID #102" as identified in the submitted application:

- Coal Pile Wind Erosion
- Paved Roads
- Unpaved Roads
- Material Transfers
- Conveyors
- Crushers
- Bulldozing
- Grading
- Fly Ash Handling / Disposal
- Bottom Ash Handling / Disposal

3) The following sources are designated as "Wastewater Treatment System - Source ID #103" as identified in the submitted application:

- Flash Mix Tank
- Clarifier 1
- Clarifier 2
- Slurry Holding Tank
- Ash Settling Tank
- Wastewater Pit

4) In addition to those listed by PA DEP, the following sources at this facility are considered trivial activities due to their low emission levels and have no additional applicable requirements:

- Unit 1 Turbine Oil Reservoir
- Unit 1 Turbine Oil Filter
- Unit 2 Turbine Oil Reservoir
- Unit 2 Turbine Oil Filter
- Unit 1 and 2 Turbine Oil Storage
- No. 2 Diesel Fuel Main Tank
- No. 2 Diesel Fuel Dozer Tank
- No. 2 Diesel Fuel Fire Pump Tank
- No. 2 Diesel Fuel Portable Tank
- Vehicle Gasoline Tank
- Sulfuric Acid Tank
- Used Oil Storage
- Used Solvent Storage
- Elimin-Ox Tank
- Part Cleaner (Main Shop)
- Part Cleaner (Soot Blower Shop)
- Flash Mix Tank
- Dust Collector, Fly Ash Silo 1
- Dust Collector, Fly Ash Silo 2
- Rotoclone, Unit 2 Bunker Room
- Dust Collector, Unit 1 Bunker Room
- Rotoclone, Auger House Sampling System
- Hydrogen Purge Exhaust Points
- 8 Portable Space Heaters (Kerosene)
- 2 Portable Space Heaters (Propane)
- Magnesium Hydroxide Storage Tank
- Caustic (NaOH) Storage Tank
- Lubrication Oil Reservoirs
- Hydraulic Oil Reservoirs
- Insulating Oils for Switchyard Transformers
- Combustion of waste oils with total halides less than 1,000 parts per million burned in the station boilers.



***** End of Report *****
