



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: September 7, 2012

Effective Date: September 7, 2012

Expiration Date: August 31, 2017

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: 16-00127

Federal Tax Id - Plant Code: 25-1691604-1

Owner Information

Name: PINEY CREEK LP
Mailing Address: 428 POWER LN
CLARION, PA 16214-3128

Plant Information

Plant: PINEY CREEK LP/PINEY CREEK POWER PLT
Location: 16 Clarion County 16923 Piney Township
SIC Code: 4911 Trans. & Utilities - Electric Services

Responsible Official

Name: KENDALL REED
Title: GENERAL MGR
Phone: (814) 226 - 8001

Permit Contact Person

Name: KENDALL REED
Title: GENERAL MGR
Phone: (814) 226 - 8001

[Signature] _____
JOHN F. GUTH, NORTHWEST REGION AIR PROGRAM MANAGER

SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Site Inventory List

Section B. General Title V Requirements

- #001 Definitions
- #002 Property Rights
- #003 Permit Expiration
- #004 Permit Renewal
- #005 Transfer of Ownership or Operational Control
- #006 Inspection and Entry
- #007 Compliance Requirements
- #008 Need to Halt or Reduce Activity Not a Defense
- #009 Duty to Provide Information
- #010 Reopening and Revising the Title V Permit for Cause
- #011 Reopening a Title V Permit for Cause by EPA
- #012 Significant Operating Permit Modifications
- #013 Minor Operating Permit Modifications
- #014 Administrative Operating Permit Amendments
- #015 Severability Clause
- #016 Fee Payment
- #017 Authorization for De Minimis Emission Increases
- #018 Reactivation of Sources
- #019 Circumvention
- #020 Submissions
- #021 Sampling, Testing and Monitoring Procedures
- #022 Recordkeeping Requirements
- #023 Reporting Requirements
- #024 Compliance Certification
- #025 Operational Flexibility
- #026 Risk Management
- #027 Approved Economic Incentives and Emission Trading Programs
- #028 Permit Shield

Section C. Site Level Title V Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level Title V Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!



SECTION A. Table of Contents

Section E. Alternative Operating Scenario(s)

- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements
- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

Section F. Emission Restriction Summary

Section G. Miscellaneous

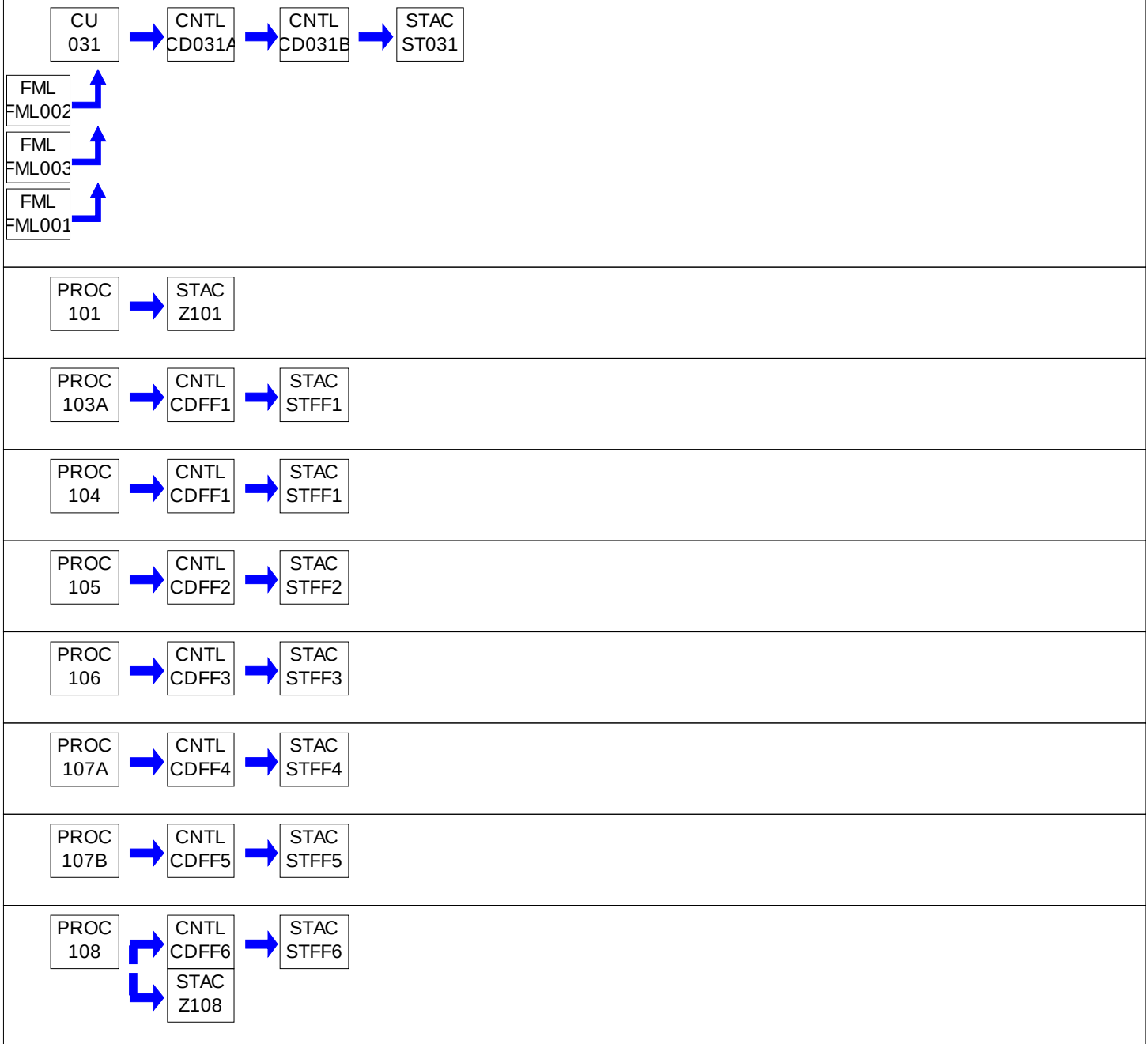
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput		Fuel/Material
031	FLUIDIZED BED COMBUSTOR	450.000	MMBTU/HR	
		1,800.000	Gal/HR	#2 FUEL OIL
		60.000	Tons/HR	WASTE COAL
101	BULK UNLOADING & TRANSPORT	250.000	Tons/HR	WASTE COAL
103A	PRIMARY CRUSHER	200.000	Tons/HR	WASTE COAL
104	CONVEYING SYSTEM	200.000	Tons/HR	PROCESSED COAL
105	BOILER FEED BUNKERS (2)	130.000	Tons/HR	PROCESSED COAL
106	LIMESTONE STORAGE BIN	26.000	Tons/HR	LIMESTONE
107A	FLYASH SILO	50.000	Tons/HR	FLYASH
107B	BEDASH SILO	50.000	Tons/HR	BEDASH
108	ASH LOADOUT (TRUCK FILL)	150.000	Tons/HR	BED/FLYASH
111	PARTS WASHER	0.990	Lbs/HR	PETROLEUM SOLVENT
112	ROAD DUST FUGITIVES			
113	COOLING TOWER			
114	WOOD FUEL STORAGE AREA			
115	WOOD CHIPPER			
116	ASH STORAGE AREA			
CD031A	SNCR SYSTEM			
CD031B	COMBUSTION BAGHOUSE			
CDFF1	FUEL CRUSHER & FUEL TRANSFER BAGHOUSE			
CDFF2	BOILER FEED BUNKERS BAGHOUSE			
CDFF3	LIMESTONE STORAGE BIN BAGHOUSE			
CDFF4	FLYASH SILO BAGHOUSE			
CDFF5	BEDASH SILO BAGHOUSE			
CDFF6	ASH LOADOUT BAGHOUSE			
FML001	WASTE COAL STORAGE			
FML002	#2 FUEL OIL			
FML003	LONG TERM WASTE FUEL STORAGE			
ST031	CFBB STACK			
STFF1	CRUSHERHSE BAGHSE OUTLET			
STFF2	FUEL BIN VENT BAGHSE			
STFF3	LIMESTONE BIN VENT FILTER			
STFF4	FLYASH SILO BAGHSE			
STFF5	BEDASH SILO BAGHSE			
STFF6	ASH LOADOUT BAGHSE			
Z101	FUGITIVES - RAW COAL STORAGE PILES			
Z108	FUGITIVE EMISSIONS - ASH LOADOUT			
Z111	FUGITIVE EMISSIONS FROM PARTS WASHER			
Z112	ROAD DUST FUGITIVES			
Z113	COOLING TOWER STACK			

SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
Z114	WOOD FUEL STOARGE AREA FUGITIVES		
Z115	FUGITIVE EMISSIONS FROM WOOD CHIPPER		
Z116	FUGITIVE EMISSIONS - ASH STORAGE AREA		

PERMIT MAPS



PERMIT MAPS

PROC
111 → STAC
Z111

PROC
112 → STAC
Z112

PROC
113 → STAC
Z113

PROC
114 → STAC
Z114

PROC
115 → STAC
Z115

PROC
116 → STAC
Z116

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.

SECTION B. General Title V Requirements

(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.

#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.

SECTION B. General Title V Requirements

#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 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.

SECTION B. General Title V Requirements

#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.

#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).

SECTION B. General Title V Requirements

#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.

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

SECTION B. General Title V Requirements

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 § 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.

SECTION B. General Title V Requirements

#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:

Office of Air Enforcement and Compliance Assistance (3AP20)
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 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.

SECTION B. General Title V Requirements

(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. 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:

SECTION B. General Title V Requirements

- (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 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

SECTION B. General Title V Requirements

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.

(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**

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.

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 of this permit, (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**

The permittee 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 §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 person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(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.

SECTION C. Site Level Requirements

- (b) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:
- (1) 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.
 - (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
 - (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
 - (4) A fire set solely for recreational or ceremonial purposes.
 - (5) A fire set solely for cooking food.

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.

005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Upon request of the Department, the permittee shall provide adequate ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such sources. 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 [139.1].

IV. RECORDKEEPING REQUIREMENTS.

006 [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.

007 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Any fugitive emissions and/or malodors that are detected by plant personnel shall be reported to the Control Room Operator. The Control Room Operator shall record the event on the maintenance log. Appropriate corrective action shall be taken and noted in the maintenance log.

008 [25 Pa. Code §135.21]

Emission statements

(a) Except as provided in subsection (d), this section applies to stationary sources or facilities:

- (1) Located in an area designated by the Clean Air Act as a marginal, moderate, serious, severe or extreme ozone nonattainment area and which emit oxides of nitrogen or VOC.
- (2) Not located in an area described in subparagraph (1) and included in the Northeast Ozone Transport Region which emit or have the potential to emit 100 tons or more oxides of nitrogen or 50 tons or more of VOC per year.

SECTION C. Site Level Requirements

(b) The owner or operator of each stationary source emitting oxides of nitrogen or VOC's 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 or the plant manager that the information contained in the statement is accurate.

(c) Annual emission statements are due by March 1 for the preceding calendar year beginning with March 1, 1993, for calendar year 1992 and shall provide data consistent with requirements and guidance developed by the EPA. The guidance document is available from: United States Environmental Protection Agency, 401 M. Street, S.W., Washington, D.C. 20460. The Department may require more frequent submittals if the Department determines that one or more of the following applies:

- (1) A more frequent submission is required by the EPA.
- (2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the act.

(d) Subsection (a) does not apply to a class or category of stationary sources which emits less than 25 tons per year of VOC's or oxides of nitrogen, if the Department in its submissions to the Administrator of the EPA under section 182(a)(1) or (3)(B)(ii) of the Clean Air Act (42 U.S.C.A. 7511a(a)(1) or (3)(B)(ii)) provides an inventory of emissions from the class or category of sources based on the use of the emission factors established by the Administrator or other methods acceptable to the Administrator. The Department will publish in the Pennsylvania Bulletin a notice of the lists of classes or categories of sources which are exempt from the emission statement requirement under this subsection.

009 [25 Pa. Code §135.3]

Reporting

(a) The Permittee 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) A 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.

010 [25 Pa. Code §135.4]

Report format

All source reports shall contain sufficient information to enable the Department to complete its emission inventory. Source reports shall be made by the source owner or operator in a format specified by the Department.

VI. WORK PRACTICE REQUIREMENTS.

011 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent particulate matter 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.

SECTION C. Site Level Requirements**# 012 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Plant roads used by trucks for delivery of fuel, supplies, and hauling away of ash, shall be paved and maintained to prevent fugitive particulate generation. The following shall also be paved and maintained:

- a. Approaches to and from truck scales.
- b. Approaches to and from the ash silos.

VII. ADDITIONAL REQUIREMENTS.**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

In accordance with 40 CFR PART 97 (relating to Federal NO_x Budget Trading Program and CAIR NO_x and SO₂ Trading Programs), the owners and operators and the CAIR designated representative of each CAIR source are subject to 40 CFR § 97.106 (relating to standard requirements), 40 CFR § 97.206 (relating to standard requirements) and 40 CFR § 97.306 (relating to standard requirements).

[These requirements are listed under "Additional Requirements" for Source ID: 031 - Fluidized Bed Combustor.]

VIII. COMPLIANCE CERTIFICATION.

The permittee shall submit within thirty days of 01/31/2003 a certificate of compliance with all permit terms and conditions set forth in this Title V permit as required under condition #24 of section B of this permit, and annually thereafter.

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** Permit Shield In Effect *****

SECTION D. Source Level Requirements

Source ID: 031

Source Name: FLUIDIZED BED COMBUSTOR

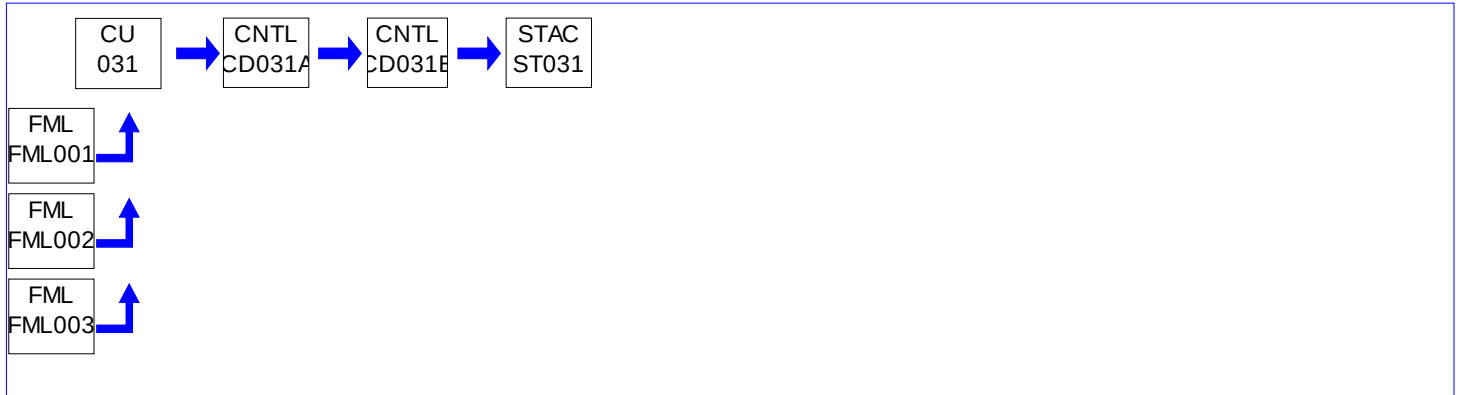
Source Capacity/Throughput: 450.000 MMBTU/HR

1,800.000 Gal/HR

#2 FUEL OIL

60.000 Tons/HR

WASTE COAL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.102]****Source NOx allowance requirements and NOx allowance control period.**

a) For each NOx affected source identified in this permit, the permittee shall hold a quantity of NOx allowances meeting the requirements of Sub-section 123.110(a) (relating to source compliance requirements) in the source's current year NATA account by December 31 of each calendar year. The NOx allowances shall be equal to or greater than the total NOx emitted from the source during that year's NOx allowance control period.

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

002 [25 Pa. Code §123.112]**Source operating permit provisions requirements.**

The permittee shall comply with the requirements 25 Pa. Code Subsections 123.101--123.120 (relating to NOx allowance requirements).

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) The permittee shall not permit the emission into the atmosphere of pollutants in quantities greater than any of the following:

(1) i) Filterable Particulate Matter in excess of 0.027 lb/million Btu heat input and 1 percent of the potential combustion concentration (99% reduction), 10.5 lbs/hr, or 46.1 tons/yr, when combusting solid fuel.

ii) Particulate matter in excess of 30 percent of the potential combustion concentration (70% reduction) when combusting liquid fuel.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.42a and 25 Pa Code 123.11.]

(2) PM10 (Filterable Particulate Matter smaller than 10 microns in diameter) in excess of 0.027 lb/million Btu heat input.

(3) SOx in excess of 1.0 lb/million Btu heat input and 10 percent of the potential combustion concentration (90% reduction), 403 lbs/hr, or 1776.0 tons/yr, when combusting solid fuel.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.43a(a)(1) and 25 Pa Code 123.22.]

SECTION D. Source Level Requirements

(4) VOC in excess of 0.024 lb/million Btu heat input, 9.6 lbs/hr, or 42.0 tons/yr.

(5) CO in excess of 0.23 lb/million Btu heat input, 88.8 lbs/hr, or 389 tons/yr.

(b) The SO₂ lbs/million Btu emission rate shall be based on a 24 hour rolling average. The sulfur input rate to the combustor must also be determined by utilizing Method 19, 40 CFR Part 60, Appendix A. The SO₂ control efficiency must then be calculated, recorded, and reported quarterly to the Department on a 30 day rolling average basis.

(c) Compliance with the NO_x and SO_x emission limitation and percent reduction requirements under this section are determined on a 30-day rolling average basis.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.43a.]

(d) The visible emissions from the boiler shall not exceed 10% for the period or periods aggregating more than 3 minutes in any hour or 30% at any time. This provision is in accordance with PA Plan Approval #16-306-001A.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.42a and 25 Pa Code 123.41.]

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The ammonia slippage from the SNCR system shall not exceed 10 ppmv at stack conditions.

[From Plan Approval Number: 16127B, Condition #6.]

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

NO_x emissions from this source shall not exceed 0.192 lb/million Btu heat input (based on a 30 day rolling average), 75.3 lbs/hr (based on a 30 day rolling average), or 330 tons/yr (based on a 12 month rolling total).

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.44a.]

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.43a]

Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978

Standard for sulfur dioxide.

(a) On and after the date on which the initial performance test required to be conducted under 60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility which combusts liquid fuels, any gases which contain sulfur dioxide in excess of:

(1) 0.80 lb/million Btu heat input and 10 percent of the potential combustion concentration (90 percent reduction), or

(2) 100 percent of the potential combustion concentration (zero percent reduction) when emissions are less than 0.20 lb/million Btu heat input.

(b) When different fuels are combusted simultaneously, the applicable standard is determined by proration using the following formula:

$$Es = (0.80x + 1.0y) / 100 \text{ and} \\ \%Ps = 10$$

where:

SECTION D. Source Level Requirements

Es is the prorated sulfur dioxide emission limit (lb/million Btu heat input),

%Ps is the percentage of potential sulfur dioxide emission allowed.

x is the percentage of total heat input derived from the combustion of liquid fuels (excluding solid-derived fuels)

y is the percentage of total heat input derived from the combustion of solid fuel (including solid-derived fuels)

007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.44a]

Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978

Standard for nitrogen oxides.

This source is subject to the following percent reductions of potential NOx concentrations:

Fuel type	
Liquid fuels.....	30%
Solid fuels.....	65%

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.46a]

Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978

[Reserved]

(a) Compliance with the particulate matter emission limitation for this source constitutes compliance with the particulate matter percent reduction requirements for this source.

(b) Compliance with the nitrogen oxides emission limitation for this source constitutes compliance with the nitrogen oxides percent reduction requirements for this source.

(c) The particulate matter emission standards for this source and the nitrogen oxides emission standards for this source apply at all times except during periods of startup, shutdown, or malfunction. The sulfur dioxide emission standards for this source apply at all times except during periods of startup and shutdown.

(d) After the initial performance test required under 60.8, compliance with the sulfur dioxide emission limitations and percentage reduction requirements for this source and the nitrogen oxides emission limitations for this source are based on the average emission rate for 30 successive boiler operating days. A separate performance test is completed at the end of each boiler operating day after the initial performance test, and a new 30 day average emission rate for both sulfur dioxide and nitrogen oxides and a new percent reduction for sulfur dioxide are calculated to show compliance with the standards.

(e) For the initial performance test required under 60.8, compliance with the sulfur dioxide emission limitations and percent reduction requirements for this source and the nitrogen oxides emission limitation for this source are based on the average emission rates for sulfur dioxide, nitrogen oxides, and percent reduction for sulfur dioxide for the first 30 successive boiler operating days. The initial performance test is the only test in which at least 30 days prior notice is required unless otherwise specified by the Administrator. The initial performance test is to be scheduled so that the first boiler operating day of the 30 successive boiler operating days is completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of the facility.

(f) Compliance is determined by calculating the arithmetic average of all hourly emission rates for SO2 and NOx for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction (NOx only), or emergency conditions (SO2 only). Compliance with the percentage reduction requirement for SO2 is determined based on the average inlet and average outlet SO2 emission rates for the 30 successive boiler operating days.

(g) If an owner or operator has not obtained the minimum quantity of emission data as required under 60.47a of this subpart, compliance of the affected facility with the emission requirements for this source for the day on which the 30-day period ends may be determined by the Administrator by following the applicable procedures in section 7 of Method 19.

SECTION D. Source Level Requirements**Fuel Restriction(s).****# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

a) The facility shall use only bituminous gob, #2 oil, or a mixture of bituminous gob and alternative fuel. The total charging rates for all fuels combined shall not exceed 450 MMBTU/hr. At no time shall the main fuel (bituminous gob) be burned at less than 80% by weight of the total fuel used.

b) Alternative fuel for the purpose of this permit shall be defined as follows:

i) Non-hazardous organic tars and oils from former Manufactured Gas Plants (MGP) and Coke Plants. The maximum blend rate of this alternative fuel shall not exceed 10%.

ii) Non-hazardous wood including creosote. When wood waste is being used as alternative fuel, the feed rate of the wood waste shall not exceed 6 tons per hour and shall comprise no more than 10 percent of the total fuel mix.

iii) Non-hazardous rejected fiberboard material. The maximum blend rate of this alternative fuel shall not exceed 5%.

iv) Clean wood residue. The maximum blend rate of this alternative fuel shall not exceed 20%.

v) Non-hazardous pentachlorophenol treated wood. The maximum blend rate of this alternative fuel shall not exceed 10%.

[From Plan Approval Number: 16-0127A, Condition #4 and minor OP modification April 2009]

[Additional changes incorporated from RFDs dated January 27, 2011, June 7, 2011, and January 6, 2012.]

II. TESTING REQUIREMENTS.**# 010 [25 Pa. Code §123.108]****Source emissions monitoring requirements.**

(a) Monitoring systems for each NO_x affected source shall comply with the 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 permit condition, Non-Part 75 sources which have Department approved NO_x CEMS reporting in units of pounds of NO_x per hour as required under 25 Pa. Code Section 139.101 (relating to general requirements) shall complete the periodic self-audits listed in the quality assurance section of Section 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.

(b) The emission limitations and monitoring requirements established in 25 Pa. Code Sections 123.101-123.120 (relating to NO_x allowance requirements) are replaced by the requirements in Chapter 145 beginning with the May 1, 2003, control period.

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in Condition No. 004 of Operating Permit No. 37-00023 issued on December 31, 1998.]

011 [25 Pa. Code §123.108]**Source emissions monitoring requirements.**

Monitoring systems for each NO_x affected source shall comply with the 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 permit condition, Non-Part 75 Sources which have Department approved NO_x CEMS reporting in units of pounds of NO_x per hour as required under 25 Pa. Code Sub-section 139.101 (relating to general requirements) shall complete the periodic self-audits listed in the quality assurance section of Sub-section 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.

SECTION D. Source Level Requirements

012 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1) Emission testing shall be conducted for carbon monoxide, filterable particulate matter (TSP and PM-10), lead, and mercury within 90 days of issuance of the plan approval and at least once every two years thereafter. The stack tests shall be performed while firing a blend of bituminous gob with 10% alternative fuel. The stack tests shall be performed while the CFB is operating at the maximum capacity as stated on the application.

[From Plan Approval Number: 16-0127A, Condition #12]

2) The source tests shall be conducted in accordance with 25 PA Code Chapter 139 as per the Department's source testing procedures described in the latest Source Testing Manual or source testing procedures approved by the Department prior to testing.

[From Plan Approval Number: 16-0127A, Condition #13]

3) At least 60 days prior to the tests, test procedures and sketches with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples shall be submitted to the Department for approval.

[From Plan Approval Number: 16-0127A, Condition #14]

4) At least two weeks prior to the tests, the Department shall be informed of the date and time of the tests.

[From Plan Approval Number: 16-0127A, Condition #15]

5) Within 60 days after completion of the tests, three copies of the complete test reports, including all operating conditions, shall be submitted to the Department for approval.

[From Plan Approval Number: 16-0127A, Condition #16]

013 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.48a]

Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978

Compliance determination procedures and methods.

(a) In conducting the performance tests required in 60.8, the owner or operator shall use as reference methods and procedures the methods in appendix A of this part or the methods and procedures as specified in this section, except as provided in 60.8(b). Section 60.8(f) does not apply to this section for SO₂ and NO_x. Acceptable alternative methods are given in paragraph (e) of this section.

(b) The owner or operator shall determine compliance with the particulate matter standards in 60.42a as follows:

(1) The dry basis F factor (O₂) procedures in Method 19 shall be used to compute the emission rate of particulate matter.

(2) For the particulate matter concentration, Method 5 shall be used at affected facilities without wet FGD systems and Method 5B shall be used after wet FGD systems.

(i) The sampling time and sample volume for each run shall be at least 120 minutes and 1.70 dscm (60 dscf). The probe and filter holder heating system in the sampling train may be set to provide an average gas temperature of no greater than 16014C (32025F).

(ii) For each particulate run, the emission rate correction factor, integrated or grab sampling and analysis procedures of Method 3B shall be used to determine the O₂ concentration. The O₂ sample shall be obtained simultaneously with, and at

SECTION D. Source Level Requirements

the same traverse points as, the particulate run. If the particulate run has more than 12 traverse points, the O₂ traverse points may be reduced to 12 provided that Method 1 is used to locate the 12 O₂ traverse points. If the grab sampling procedure is used, the O₂ concentration for the run shall be the arithmetic mean of all the individual O₂ concentrations at each traverse point.

(3) Method 9 and the procedures in 60.11 shall be used to determine opacity.

(c) The owner or operator shall determine compliance with the SO₂ standards in 60.43a as follows:

(1) The percent of potential SO₂ emissions (%Ps) to the atmosphere shall be computed using the following equation:

$$\%Ps = [(100 - \%Rf) (100 - \%Rg)] / 100$$

where:

%Ps=percent of potential SO₂ emissions, percent.

%Rf=percent reduction from fuel pretreatment, percent.

%Rg=percent reduction by SO₂ control system, percent.

(2) The procedures in Method 19 may be used to determine percent reduction (%Rf) of sulfur by such processes as fuel pretreatment (physical coal cleaning, hydrodesulfurization of fuel oil, etc.), coal pulverizers, and bottom and flyash interactions. This determination is optional.

(3) The procedures in Method 19 shall be used to determine the percent SO₂ reduction (%Rg) of any SO₂ control system. Alternatively, a combination of an "as fired" fuel monitor and emission rates measured after the control system, following the procedures in Method 19, may be used if the percent reduction is calculated using the average emission rate from the SO₂ control device and the average SO₂ input rate from the "as fired" fuel analysis for 30 successive boiler operating days.

(4) The appropriate procedures in Method 19 shall be used to determine the emission rate.

(5) The continuous monitoring system in 60.47a (b) and (d) shall be used to determine the concentrations of SO₂ and CO₂ or O₂.

(d) The owner or operator shall determine compliance with the NO_x standard in 60.44a as follows:

(1) The appropriate procedures in Method 19 shall be used to determine the emission rate of NO_x.

(2) The continuous monitoring system in 60.47a (c) and (d) shall be used to determine the concentrations of NO_x and CO₂ or O₂.

(e) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For Method 5 or 5B, Method 17 may be used at facilities with or without wet FGD systems if the stack temperature at the sampling location does not exceed an average temperature of 160°C (320°F). The procedures of 2.1 and 2.3 of Method 5B may be used in Method 17 only if it is used after wet FGD systems. Method 17 shall not be used after wet FGD systems if the effluent is saturated or laden with water droplets.

(2) The Fc factor (CO₂) procedures in Method 19 may be used to compute the emission rate of particulate matter under the stipulations of 60.46(d)(1). The CO₂ shall be determined in the same manner as the O₂ concentration.

SECTION D. Source Level Requirements

(f) Electric utility combined cycle gas turbines are performance tested for particulate matter, sulfur dioxide, and nitrogen oxides using the procedures of Method 19 (appendix A). The sulfur dioxide and nitrogen oxides emission rates from the gas turbine used in Method 19 (appendix A) calculations are determined when the gas turbine is performance tested under subpart GG. The potential uncontrolled particulate matter emission rate from a gas turbine is defined as 17 ng/J (0.04 lb/million Btu) heat input.

(g) Any testing (monitoring) required by this condition must also be completed in accordance with 25 Pa. Code Chapter 139.

III. MONITORING REQUIREMENTS.

014 [25 Pa. Code §123.108]

Source emissions monitoring requirements.

(a) The NO_x emissions from each NO_x affected source at this facility shall be monitored as specified in 25 Pa. Code Section 123.108 and in accordance with the procedures contained in the document titled "Guidance for Implementation of Emission Monitoring Requirements for the NO_x Budget Program."

(b) As referenced in 25 Pa. Code Section 123.108(2), the permittee 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."

(c) New and existing unit emission monitoring systems, as required and specified by 25 Pa. Code Section 123.108(4) and the NO_x affected source's monitoring plan approved by the Department, shall be installed and operational. The installed emissions monitoring systems 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 [25 Pa. Code] Chapter 139 (relating to sampling and testing).

(d) Sources subject to 40 CFR Part 75 [Acid Rain] shall demonstrate compliance with 25 Pa. Code Section 123.108 by using a certified Part 75 monitoring system.

(e) During a period when valid data is not being recorded by devices approved for use to demonstrate compliance with the NO_x Allowance Requirement subchapter, the permittee shall replace missing or invalid data 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." For non-Part 75 sources that have Department approved NO_x CEMS reporting of NO_x emissions in pounds of NO_x per hour, as required under 25 Pa. Code Section 139.101, the data shall be reported to the NETS. The permittee shall continue to report submissions as required under 25 Pa. Code Chapter 139 to the Department.

(f) The emission limitations and monitoring requirements established in 25 Pa. Code Sections 123.101-123.120 (relating to NO_x allowance requirements) are replaced by the requirements in Chapter 145 beginning with the May 1, 2003, control period.

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in Condition No. 003 of Operating Permit No. 37-00023 issued on December 31, 1998.]

015 [25 Pa. Code §123.108]

Source emissions monitoring requirements.

a) The NO_x emissions from each NO_x affected source at this facility shall be monitored as specified in 25 Pa. Code Sub-section 123.108 and in accordance with the procedures contained in the document titled, "Guidance for Implementation of Emission Monitoring REquirements for the NO_x Budget Program."

b) As referenced in Sub-section 123.108(2), the permittee 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 the Implementation of Emission Monitoring Requirements for the NO_x Budget Program."

SECTION D. Source Level Requirements

c) New and existing unit emission monitoring systems, as required and specified by 25 Pa. Code Sub-section 123.108(4) and the NOx affected source's monitoring plan approved by the Department, shall be installed and operational. The installed emissions monitoring systems 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 NOx Budget Program" in a manner consistent with Chapter 139 (related to sampling and testing).

d) Sources subject to 40 CFR Part 75 shall demonstrate compliance with Sub-section 123.108 by using a certified Part 75 monitoring system.

e) During a period when valid data is not being recorded by devices approved for use to demonstrate compliance with the NOx Allowance Requirement subchapter, the permittee shall replace missing or invalid data 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 NOx Budget Program." For non-Part 75 sources that have Department approved NOx CEMS reporting of NOx emissions in pounds of NOx per hour as required under 25 Pa. Code Sub-section 139.101, the data shall be reported to the NETS. The permittee shall continue to report submissions as required under 25 Pa. Code Chapter 139 to the Department.

016 [25 Pa. Code §123.25]

Monitoring requirements

(a) The permittee 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 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.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.47a.]

017 [25 Pa. Code §123.46]

Monitoring requirements

The permittee shall install, operate and maintain continuous opacity monitoring systems in compliance with 25 Pa Code Section 139 Subsection C.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.47a.]

018 [25 Pa. Code §123.51]

Monitoring requirements

(a) The permittee 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.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.47a.]

SECTION D. Source Level Requirements

019 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The permittee shall install, operate and maintain continuous CO₂ 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 CO₂ monitoring systems installed under the requirements of this section shall meet the minimum data availability requirements in Chapter 139, Subchapter C.

(d) Magnehelic gauges or equivalent shall be permanently installed and maintained to measure pressure drop across each compartment of the fabric collectors.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.47a.]

020 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Fuel samples shall be taken daily and analyzed to determine: ash content (% by weight); sulfur content (% by weight); and heat value (BTUs per pound). Quarterly reports shall be submitted to the Regional Air Quality Manager within 30 days of the end of the quarter.

[From Plan Approval Number: 16-0127A, Condition #6]

021 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall monitor the emissions of any regulated NSR pollutant [as defined in 40 CFR Section 52.21(b)(50)] that could increase as a result of the alternative fuel project and that are emitted by the CFB. The monitoring shall include the CEM data for SO₂ and NO_x and also include the emissions based on the required CO, lead, mercury, TSP and PM-10 stack testing.

[Authority for this condition is also derived from 40 CFR 52.21(r)(6)(iii).]

[From Plan Approval Number: 16-0127A, Condition #17]

022 [25 Pa. Code §145.6]

Standard requirements.

[From 25 Pa. Code Section 145.6(a)]

(a) 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 25 Pa. Code Sections 145.70-145.76 (relating to recordkeeping and recording requirements) by May 1, 2002.

(b) The emissions measurements recorded and reported in accordance with 25 Pa. Code Sections 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).

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #004 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

023 [25 Pa. Code §145.74.]

Recordkeeping and reporting.

[From 25 Pa. Code Section 145.74 (b) - Monitoring Plans]

SECTION D. Source Level Requirements

(a) The owner or operator of a unit subject to an acid rain emissions limitation shall comply with the requirements of 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.

(b) The owner or operator of a unit that is not subject to an acid rain emissions limitation shall comply with the requirements of 40 CFR 75.63, except that the monitoring plan is only required to include the information required by 40 CFR Part 75, Subpart H.

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #008 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

**# 024 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.47a]
Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is
Commenced After September 18, 1978
Commercial demonstration permit.**

(a) The owner or operator of an affected facility shall install, calibrate, maintain, and operate a continuous monitoring system, and record the output of the system, for measuring the opacity of emissions discharged to the atmosphere, except where gaseous fuel is the only fuel combusted. If opacity interference due to water droplets exists in the stack (for example, from the use of an FGD system), the opacity is monitored upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations (both at the inlet and outlet of the sulfur dioxide control system), alternate parameters indicative of the particulate matter control system's performance are monitored (subject to the approval of the Administrator).

(b) The owner or operator of an affected facility shall install, calibrate, maintain, and operate a continuous monitoring system, and record the output of the system, for measuring sulfur dioxide emissions.

(1) Sulfur dioxide emissions are monitored at both the inlet and outlet of the sulfur dioxide control device.

(2) An "as fired" fuel monitoring system (upstream of coal pulverizers) meeting the requirements of Method 19 (appendix A) may be used to determine potential sulfur dioxide emissions in place of a continuous sulfur dioxide emission monitor at the inlet to the sulfur dioxide control device as required under paragraph (b)(1) of this section.

(c) The owner or operator of an affected facility shall install, calibrate, maintain, and operate a continuous monitoring system, and record the output of the system, for measuring nitrogen oxides emissions discharged to the atmosphere.

(d) The owner or operator of an affected facility shall install, calibrate, maintain, and operate a continuous monitoring system, and record the output of the system, for measuring the oxygen or carbon dioxide content of the flue gases at each location where sulfur dioxide or nitrogen oxides emissions are monitored.

(e) The continuous monitoring systems under paragraphs (b), (c), and (d) of this section are operated and data recorded during all periods of operation of the affected facility including periods of startup, shutdown, malfunction or emergency conditions, except for continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments.

(f) The owner or operator shall obtain emission data for at least 18 hours in at least 22 out of 30 successive boiler operating days. If this minimum data requirement cannot be met with a continuous monitoring system, the owner or operator shall supplement emission data with other monitoring systems approved by the Administrator or the reference methods and procedures as described in paragraph (h) of this section.

(g) The 1-hour averages required under paragraph 60.13(h) are expressed in lbs/million Btu heat input and used to calculate the average emission rates under 60.46a. The 1-hour averages are calculated using the data points required under 60.13(b). At least two data points must be used to calculate the 1-hour averages.

(h) When it becomes necessary to supplement continuous monitoring system data to meet the minimum data requirements in paragraph (f) of this section, the owner or operator shall use the reference methods and procedures as specified in this paragraph. Acceptable alternative methods and procedures are given in paragraph (j) of this section.

SECTION D. Source Level Requirements

(1) Method 6 shall be used to determine the SO₂ concentration at the same location as the SO₂ monitor. Samples shall be taken at 60-minute intervals. The sampling time and sample volume for each sample shall be at least 20 minutes and 0.020 dscm (0.71 dscf). Each sample represents a 1-hour average.

(2) Method 7 shall be used to determine the NO_x concentration at the same location as the NO_x monitor. Samples shall be taken at 30-minute intervals. The arithmetic average of two consecutive samples represents a 1-hour average.

(3) The emission rate correction factor, integrated bag sampling and analysis procedure of Method 3B shall be used to determine the O₂ or C₂ concentration at the same location as the O₂ or CO₂ monitor. Samples shall be taken for at least 30 minutes in each hour. Each sample represents a 1-hour average.

(4) The procedures in Method 19 shall be used to compute each 1-hour average concentration in ng/J (1b/million Btu) heat input.

(i) The owner or operator shall use methods and procedures in this paragraph to conduct monitoring system performance evaluations under 60.13(c) and calibration checks under 60.13(d). Acceptable alternative methods and procedures are given in paragraph (j) of this section.

(1) Methods 6, 7, and 3B, as applicable, shall be used to determine O₂, SO₂, and NO_x concentrations.

(2) SO₂ or NO_x (NO), as applicable, shall be used for preparing the calibration gas mixtures (in N₂, as applicable) under Performance Specification 2 of appendix B of this part.

(3) [Does not apply. Span values are to be determined on an annual basis using the calculations contained in 40 CFR 75, Appendix A, Paragraph 2.1.]

(4) All span values computed under paragraph (b)(3) of this section for burning combinations of fossil fuels are rounded to the nearest 500 ppm.

(5) For affected facilities burning fossil fuel, alone or in combination with non-fossil fuel, the span value of the sulfur dioxide continuous monitoring system at the inlet to the sulfur dioxide control device is 125 percent of the maximum estimated hourly potential emissions of the fuel fired, and the outlet of the sulfur dioxide control device is 50 percent of maximum estimated hourly potential emissions of the fuel fired.

(j) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For Method 6, Method 6A or 6B (whenever Methods 6 and 3 or 3B data are used) or 6C may be used. Each Method 6B sample obtained over 24 hours represents 24 1-hour averages. If Method 6A or 6B is used under paragraph (i) of this section, the conditions under 60.46(d)(1) apply; these conditions do not apply under paragraph (h) of this section.

(2) For Method 7, Method 7A, 7C, 7D, or 7E may be used. If Method 7C, 7D, or 7E is used, the sampling time for each run shall be 1 hour.

(3) For Method 3, Method 3A or 3B may be used if the sampling time is 1 hour.

(4) For Method 3B, Method 3A may be used.

(k) Any testing (monitoring) required by this condition must also be completed in accordance with 25 Pa. Code Chapter 139.

IV. RECORDKEEPING REQUIREMENTS.

025 [25 Pa. Code §123.113]
Source recordkeeping requirements.

(a) The owner or operator shall maintain for each NO_x affected source at this facility, the measurements, data, reports and

SECTION D. Source Level Requirements

other information required by 25 Pa. Code Sections 123.101 - 123.120. The records shall be maintained for 5 years or any other period consistent with the terms of the NOx affected source's operating permit.

(b) The emission limitations and monitoring requirements established in 25 Pa. Code Sections 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.

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in Condition No. 006 of Operating Permit No. 37-00023 issued on December 31, 1998.]

026 [25 Pa. Code §123.113]

Source recordkeeping requirements.

The owner or operator shall maintain for each NOx affected source at this facility, the measurements, data, reports and other information required by 25 Pa. Code Sub-sections 123.101--123.120. The records shall be maintained for 5 years or any other period consistent with the terms of the NOx affected source's operating permit.

027 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1) The permittee shall keep daily records of all fuels burned in the circulating fluidized bed boiler (CFB) as follows:

- a) The total fuel fed to the CFB as verified by the load cell and facility lab.
- b) The BTU content of the fuel as fed and automatically sampled.
- c) The estimated tons of daily alternative fuel blended.

[From Plan Approval Number: 16-0127A, Condition #8]

2) The permittee shall keep records of the total alternative fuel received and burned monthly as supported by the certified scale weights. All records shall be maintained for at least five years.

[From Plan Approval Number: 16-0127A, Condition #9]

3) The permittee shall keep records of hours of operation for the CFB and hourly, daily, monthly, and yearly records of the fuels fired in the boiler in a format approved by the Department.

[From Plan Approval Number: 16-0127A, Condition #10]

4) The permittee shall keep records of the fuel sampling analysis in a format approved by the Department.

[From Plan Approval Number: 16-0127A, Condition #11]

028 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five years following resumption of regular operations after the fuel change.

[From Plan Approval Number: 16-0127A, Condition #18]

029 [25 Pa. Code §145.6]

Standard requirements.

[From 25 Pa. Code Section 145.6(d) - Recordkeeping and Reporting Requirements]

Unless otherwise provided, the owners and operators of the NOx budget source and each NOx budget unit at the source

SECTION D. Source Level Requirements

shall maintain at a central location and provide upon request by the Department or the NOx budget administrator all documents required under 25 Pa. Code Section 145.6(d) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of the 5 years, in writing by the Department or the Administrator.

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #007 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

030 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.7]

Subpart A - General Provisions

Notification and record keeping.

(a) The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

(b) The permittee shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part recorded in a permanent form suitable for inspection. The file shall be retained for at least five (5) years following the date of such measurements, maintenance, reports, and records.

V. REPORTING REQUIREMENTS.

031 [25 Pa. Code §123.109]

Source emissions reporting requirements.

(a) The authorized account representative shall submit to the NOx Budget Administrator, electronically, 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." The emissions and operations information shall be submitted in a format which meets the requirements of EPA's Electronic Data Reporting convention.

(b) The emission limitations and monitoring requirements established in 25 Pa. Code Sections 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.

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in Condition No. 005 of Operating Permit No. 37-00023 issued on December 31, 1998.]

032 [25 Pa. Code §123.109]

Source emissions reporting requirements.

a) The authorized account representative shall submit to the NOx Budget Administrator, electronically, 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." The emissions and operations information shall be submitted in a format which meets the requirements of EPA's Electronic Data Reporting convention.

033 [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 25 Pa. Code Section 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. The designated NOx allowances shall be used in accordance with the requirements specified in 25 Pa. Code Section 123.110.

SECTION D. Source Level Requirements

(b) For each NOx allowance control period, the authorized account representative for the NOx affected source shall submit an annual compliance certification to the Department no later than the NOx allowance transfer deadline (December 31) of each year.

(c) At a minimum, the compliance certification shall contain the information and statements required under 25 Pa. Code Section 123.110(e)(1)-(6).

(d) The emission limitations and monitoring requirements established in 25 Pa. Code Sections 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.

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in Condition No. 005 - Compliance Requirements of Operating Permit No. 37-00023 issued on December 31, 1998.]

034 [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 Sub-section 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. The designated NOx allowances shall be used in accordance with the requirements specified in 25 Pa. Code Sub-section 123.110.

b) For each NOx allowance control period, the authorized account representative for the NOx affected source shall submit an annual compliance certification to the Department no later than the NOx allowance transfer deadline (December 31) of each year.

c) At a minimum, the compliance certification shall contain the information and statements required under 25 Pa. Code Sub-sections 123.111(e)(1)-(6).

035 [25 Pa. Code §123.46]

Monitoring requirements

a) 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 use the data from the monitoring devices or from alternate monitoring systems required by this section to enforce the visible emission limitations defined in this article.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.49a.]

036 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

1) The permittee shall provide the Department with a description of the applicability test used to determine that the alternative fuel project is not a major modification for any regulated NSR pollutant, including the baseline actual emissions, the projected actual emissions, the amount of emissions excluded under 40 CFR Section 52.21(b)(41)(ii)(c) and an explanation for why such amount was excluded, and any netting calculations, if applicable within 60 days of issuance of the plan approval but prior to burning the alternative fuel.

[Authority for this condition is also derived from 40 CFR 52.21(r)(6)(i)(c).]

[From Plan Approval Number: 16-0127A, Condition #19]

2) In determining the projected actual emissions under 40 CFR 52.21(b)(41)(i), the permittee shall:

SECTION D. Source Level Requirements

(a) consider all relevant information, including but not limited to, historical operational data, the company's own representations, the company's expected business activity and the company's highest projections of business activity, the company's filings with the State or Federal regulatory authorities, and compliance plans under the approved State Implementation Plan;

(b) include fugitive emissions to the extent quantifiable and emissions associated with startups, shutdowns, and malfunctions; and,

(c) exclude, in calculating any increase in emissions that results from the particular project, that portion of the unit's emissions following the project that an existing unit could have accommodated during the consecutive 24-month period used to establish the baseline actual emissions under 40 CFR Section 52.21(b)(48) and that are also unrelated to the particular project, including any increased utilization due to product demand growth.

[Authority for this condition is also derived from 40 CFR 52.21(b)(41).]

[From Plan Approval Number: 16-0127A, Condition #20]

3) The permittee shall submit a report to the Department within 60 days after the end of each year during which records must be generated under 40 CFR 52.21(r)(6)(iii) setting out the CFB's annual emissions during the calendar year that preceded submission of the report. The report shall also include the baseline actual emissions as defined in 40 CFR Section 52.21(b)(48)(i) and as identified in the plan approval application. In addition, the report shall include the comparison (net change) of the baseline actual emissions and the projected actual emissions, and the major modification thresholds for all of the regulated NSR pollutants (as defined in 40 CFR Section 52.21(b)(50)). The report shall be submitted to John F. Guth, Regional Air Quality Manager, 230 Chestnut Street, Meadville, PA 16335.

[Authority for this condition is also derived from 40 CFR Section 52.21(r)(6)(iv).]

[From Plan Approval Number: 16-0127A, Condition #21]

4) The permittee shall make the information required to be documented and maintained pursuant to condition 40 CFR 52.21(r)(6) available for review upon a request for inspection by the Department, the EPA or the general public pursuant to the requirements contained in 40 CFR Section 70.4(b)(3)(viii).

[Authority for this condition is also derived from 40 CFR Section 52.21(r)(7).]

[From Plan Approval Number: 16-0127A, Condition #22]

5) If it is determined that the alternative fuel project has caused a significant net emissions increase (as those terms are defined in 40 CFR Section 52.21(b)(23)(ii) and (b)(3)(i)) as a result of the alternative fuel modification, and based on the records submitted each year for five years after the alternative fuel modification, the facility will become subject to PSD at that time. In the event that a significant net emissions increase occurs, the facility shall cease burning the 10% blend of coal tar with the bituminous gob and obtain a plan approval that demonstrates compliance with the requirements of 40 CFR Section 52.21(j through r) as well as 25 Pa Code Chapter 127 Subchapter E (pertaining to New Source Review requirements) and any other applicable regulations.

[From Plan Approval Number: 16-0127A, Condition # 23]

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.

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #011 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

SECTION D. Source Level Requirements

038 [25 Pa. Code §145.74.]

Recordkeeping and reporting.

- (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 25 Pa. Code Section 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 required under 25 Pa. Code Section 145.74(d) based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the units emissions are correctly and fully monitored.

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #010 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

039 [25 Pa. Code §145.74.]

Recordkeeping and reporting.

[From 25 Pa. Code Section 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 25 Pa. Code Section 145.71 (relating to initial certification and recertification procedures) including the information required under 40 CFR Part 75, Subpart H.

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #009 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

040 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.49a]

Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978

Emission monitoring.

- (a) For sulfur dioxide, nitrogen oxides, and particulate matter emissions, the performance test data from the performance evaluation of the continuous monitors (including the transmissometer) are submitted to the Administrator.
- (b) For sulfur dioxide and nitrogen oxides the following information is reported to the Administrator for each 24-hour period.
- (1) Calendar date.
 - (2) The average sulfur dioxide and nitrogen oxide emission rates (ng/J or lb/million Btu) for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the emission standards; and, description of corrective actions taken.
 - (3) Percent reduction of the potential combustion concentration of sulfur dioxide for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the standard; and, description of corrective actions taken.
 - (4) Identification of the boiler operating days for which pollutant or diluent data have not been obtained by an approved method for at least 18 hours of operation of the facility; justification for not obtaining sufficient data; and description of corrective actions taken.
 - (5) Identification of the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, malfunction (NOx only), emergency conditions (SO2 only), or other reasons, and justification for excluding data for reasons other than startup, shutdown, malfunction, or emergency conditions.
 - (6) Identification of "F" factor used for calculations, method of determination, and type of fuel combusted.
 - (7) Identification of times when hourly averages have been obtained based on manual sampling methods.
 - (8) Identification of the times when the pollutant concentration exceeded full span of the continuous monitoring system.

SECTION D. Source Level Requirements

(9) Description of any modifications to the continuous monitoring system which could affect the ability of the continuous monitoring system to comply with Performance Specifications 2 or 3.

(c) If the minimum quantity of emission data as required by 40 CFR Part 60, Subpart Da, Section 60.47a is not obtained for any 30 successive boiler operating days, the following information obtained under the requirements of 40 CFR Part 60, Subpart Da, Section 60.46a(h) is reported to the Administrator for that 30-day period:

- (1) The number of hourly averages available for outlet emission rates (no) and inlet emission rates (ni) as applicable.
- (2) The standard deviation of hourly averages for outlet emission rates (so) and inlet emission rates (si) as applicable.
- (3) The lower confidence limit for the mean outlet emission rate (E_o^*) and the upper confidence limit for the mean inlet emission rate (E_i^*) as applicable.
- (4) The applicable potential combustion concentration.
- (5) The ratio of the upper confidence limit for the mean outlet emission rate (E_o^*) and the allowable emission rate (E_{std}) as applicable.

(d) If any standards under 40 CFR Part 60, Subpart Da, 60.43a are exceeded during emergency conditions because of control system malfunction, the owner or operator of the affected facility shall submit a signed statement:

(1) Indicating if emergency conditions existed and requirements under 40 CFR Part 60, Subpart Da, Section 60.46a(d) were met during each period, and

(2) Listing the following information:

- (i) Time periods the emergency condition existed;
- (ii) Electrical output and demand on the owner or operator's electric utility system and the affected facility;
- (iii) Amount of power purchased from interconnected neighboring utility companies during the emergency period;
- (iv) Percent reduction in emissions achieved;
- (v) Atmospheric emission rate (ng/J) of the pollutant discharged; and
- (vi) Actions taken to correct control system malfunction.

(e) If fuel pretreatment credit toward the sulfur dioxide emission standard under 40 CFR Part 60, Subpart Da, 60.43a is claimed, the owner or operator of the affected facility shall submit a signed statement:

- (1) Indicating what percentage cleaning credit was taken for the calendar quarter, and whether the credit was determined in accordance with the provisions of 40 CFR Part 60, Subpart Da, 60.48a and Method 19 (appendix A); and
- (2) Listing the quantity, heat content, and date each pretreated fuel shipment was received during the previous quarter; the name and location of the fuel pretreatment facility; and the total quantity and total heat content of all fuels received at the affected facility during the previous quarter.

(f) For any periods for which opacity, sulfur dioxide or nitrogen oxides emissions data are not available, the owner or operator of the affected facility shall submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability. Operations of the control system and affected facility during periods of data unavailability are to be compared with operation of the control system and affected facility before and following the period of data unavailability.

(g) The owner or operator of the affected facility shall submit a signed statement indicating whether:

SECTION D. Source Level Requirements

(1) The required continuous monitoring system calibration, span, and drift checks or other periodic audits have or have not been performed as specified.

(2) The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of plant performance.

(3) The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable.

(4) Compliance with the standards has or has not been achieved during the reporting period.

(h) For the purposes of the reports required under 40 CFR Part 60, section 60.7, periods of excess emissions are defined as all 6-minute periods during which the average opacity exceeds the applicable opacity standards under 40 CFR Part 60, Subpart Da, Section 60.42a(b). Opacity levels in excess of the applicable opacity standard and the date of such excesses are to be submitted to the Administrator each calendar quarter.

(i) The owner or operator of an affected facility shall submit the written reports required under this section and subpart A to the Administrator for every calendar quarter. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter.

041 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.7]

Subpart A - General Provisions

Notification and record keeping.

Any owner or operator subject to the provisions of this part shall furnish the Pennsylvania DEP and Federal EPA Administrator written notification as follows:

A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.

The summary report form shall contain the information and be in the format shown in figure 1 unless otherwise specified by the Administrator. One summary report form shall be submitted for each pollutant monitored at each affected facility.

(1) If the total duration of excess emissions for the reporting period is less than 1 percent of the total operating time for the reporting period and CMS downtime for the reporting period is less than 5 percent of the total operating time for the reporting period, only the summary report form shall be submitted and the excess emission report described in 60.7(c) need not be submitted unless requested by the Administrator.

(2) If the total duration of excess emissions for the reporting period is 1 percent or greater of the total operating time for the reporting period or the total CMS downtime for the reporting period is 5 percent or greater of the total operating time for the reporting period, the summary report form and the excess emission report described in 60.7(c) shall both be submitted.

Figure 1--Summary Report-- Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant (Circle One--SO₂/NO_x/ TRS/H₂S/CO/Opacity)

Reporting period dates:

From ___ to ___

Company:

Emission Limitation

Address:

Monitor Manufacturer and Model No.

Date of Latest CMS Certification or Audit

**SECTION D. Source Level Requirements**

Process Unit(s) Description:

Total source operating time in reporting period1

EMISSION DATA SUMMARY <FN1>

1. Duration of excess emissions in reporting period due to:
 - a. Startup/shutdown.....
 - b. Control equipment problems.....
 - c. Process problems.....
 - d. Other known causes.....
 - e. Unknown causes.....
2. Total duration of excess emission.....
3. Total duration of excess emissions X (100)[Total %<FN2> source operating time]

CMS PERFORMANCE SUMMARY <FN1>

1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunctions.....
 - b. Non-Monitor equipment malfunctions.....
 - c. Quality assurance calibration.....
 - d. Other known causes.....
 - e. Unknown causes.....
2. Total CMS Downtime.....
3. [Total CMS Downtime] X (100)[Total %<FN2> source operating time]

<FN1>For opacity, record all times in minutes. For gases, record all times in hours.

<FN2>For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

On a separate page, describe any changes since last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete.

Name

Signature

Title

Date

VI. WORK PRACTICE REQUIREMENTS.

042 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All air pollution control equipment shall be operated and maintained according to the manufacturers recommendations and good air pollution control practices.

SECTION D. Source Level Requirements

043 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- a) The permittee must prepare and operate according to a plan demonstrating how the facility will implement the purchase and use of non-hazardous wood waste to ensure that no wood waste combusted in the boiler contains PCBs or arsenic treated material. The plan shall be submitted to the Department within 60 days of issuance of this revised operating permit.
- b) The permittee must operate according to the plan as submitted during the review and approval process, operate according to the approved plan at all times after approval, and address any deficiency identified by the Department within 60 days following disapproval of a plan. The permittee may request approval to revise the plan and may operate according to the revised plan unless and until the revision is disapproved by the Department. The Department may change the approval status of the plan upon 90-days written notice based upon the annual certification or other information. The plan must include:
- (i) A means of communicating to fuel suppliers the need to obtain or provide non-hazardous wood waste without any PCBs or arsenic treated material;
 - (ii) Provisions for obtaining assurance from fuel suppliers that the non-hazardous wood waste contains no PCBs or arsenic treated material;
 - (iii) Provisions for periodic inspections or other means of corroboration to ensure that fuel suppliers are implementing appropriate steps to ensure fuel supplied to the permittee contains no PCBs or arsenic treated material; and,
 - (iv) Provisions for taking corrective actions if the periodic inspections indicate any non-hazardous wood waste contains PCBs or arsenic treated material based on the results of procedures implemented in paragraph (a)(iii) above.
- c) The facility shall obtain approval from the Northwest Regional Office Waste Management Program prior to using this wood waste fuel as a fuel alternative.

VII. ADDITIONAL REQUIREMENTS.

044 [25 Pa. Code §123.102]

Source NOx allowance requirements and NOx allowance control period.

- (a) For each NOx affected source identified in this permit, the permittee shall hold a quantity of NOx allowances meeting the requirements of 25 Pa. code Section 123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOx allowances shall be equal to or greater than the total NOx emitted from the source during that year's NOx allowance control period.
- (b) The initial NOx allowance control period begins on May 1, 1999.
- (c) The emission limitations and monitoring requirements established in 25 Pa. Code Sections 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.

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in Condition No. 002 of Operating Permit No. 37-00023 issued on December 31, 1998.]

045 [25 Pa. Code §123.112]

Source operating permit provisions requirements.

- (a) The permittee shall comply with the requirements of 25 Pa. Code Sections 123.101-123.120 (relating to NOx allowance requirements).
- (b) The emission limitations and monitoring requirements established in 25 Pa. Code Sections 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.

SECTION D. Source Level Requirements

[Compliance with the requirement specified in this streamlined permit condition assures compliance with the provisions in Condition No. 001 of Operating Permit No. 37-00023 issued on December 31, 1998.]

046 [25 Pa. Code §123.121]

NOx Allowance Program transition.

The emission limitations and monitoring requirements established in 123.101-123.120 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.

[Compliance with the provisions of this streamlined permit condition assures compliance with Condition #001 in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

047 [25 Pa. Code §145.1]

Purpose

The Site Inventory List for NOx Affected sources is in Appendix B of this permit. The list identifies the NOx affected source name, identification number, NATS Account number, allowances per source, and the control period.

048 [25 Pa. Code §145.1]

Purpose

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

Additional authority for this condition is also derived from 25 Pa. Code Sections 145.1 - 145.90.

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #002 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

049 [25 Pa. Code §145.10.]

Authorization and responsibilities of the NOx authorized account representative.

(a) Except as provided under 25 Pa. Code Section 145.11 (relating to alternate NOx authorized account representatives), 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. [From 25 Pa. Code Section 145.10(a)]

(b) 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. [From 25 Pa. Code Section 145.10(e)]

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #003 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

050 [25 Pa. Code §145.204.]

Incorporation of Federal regulations by reference.

(a) Except as otherwise specified in this subchapter, the provisions of the CAIR NOx Annual Trading Program, found in 40 CFR Part 96 (relating to NOx budget trading program and CAIR NOx and SO2 trading programs for State implementation plans), including all appendices, future amendments and supplements thereto, are incorporated by reference.

(b) Except as otherwise specified in this subchapter, the provisions of the CAIR SO2 Trading Program, found in 40 CFR Part 96, including all appendices, future amendments and supplements thereto, are incorporated by reference.

(c) Except as otherwise specified in this subchapter, the provisions of the CAIR NOx Ozone Season Trading Program,

SECTION D. Source Level Requirements

found in 40 CFR Part 96, including all appendices, future amendments and supplements thereto, are incorporated by reference.

(d) In the event of a conflict between Federal regulatory provisions incorporated by reference in this subchapter and Pennsylvania regulatory provisions, the provision expressly set out in this subchapter shall be followed unless the Federal provision is more stringent. Federal regulations that are cited in this subchapter or that are cross-referenced in the Federal regulations incorporated by reference include any Pennsylvania modifications made to those Federal regulations.

051 [25 Pa. Code §145.205.]

Emission reduction credit provisions.

The following conditions shall be satisfied in order for the Department to issue a permit or plan approval to the owner or operator of a unit not subject to this subchapter that is relying on emission reduction credits (ERCs) or creditable emission reductions in an applicability determination under Chapter 127, Subchapter E (relating to new source review), or is seeking to enter into an emissions trade authorized under Chapter 127 (relating to construction, modification, reactivation and operation of sources), if the ERCs or creditable emission reductions were, or will be, generated by a unit subject to this subchapter.

(1) Prior to issuing the permit or plan approval, the Department will permanently reduce the Commonwealth's CAIR NOx trading budget or CAIR NOx Ozone Season trading budget, or both, as applicable, beginning with the sixth control period following the date the plan approval or permit to commence operations or increase emissions is issued. The Department will permanently reduce the applicable CAIR NOx budgets by an amount of allowances equal to the ERCs or creditable emission reductions relied upon in the applicability determination for the non-CAIR unit subject to Chapter 127, Subchapter E or in the amount equal to the emissions trade authorized under Chapter 127, as if these emissions had already been emitted.

(2) The permit or plan approval must prohibit the owner or operator from commencing operation or increasing emissions until the owner or operator of the CAIR unit generating the ERC or creditable emission reduction surrenders to the Department an amount of allowances equal to the ERCs or emission reduction credits relied upon in the applicability determination for the non-CAIR unit under Chapter 127, Subchapter E or the amount equal to the ERC trade authorized under Chapter 127, for each of the five consecutive control periods following the date the non-CAIR unit commences operation or increases emissions. The allowances surrendered must be of present or past vintage years.

052 [25 Pa. Code §145.212.]

CAIR NOx allowance allocations.

(a) Provisions not incorporated by reference. The requirements of 40 CFR 96.142 (relating to CAIR NOx allowance allocations) are not incorporated by reference. Instead of 40 CFR 96.142, the requirements set forth in this section apply.

(b) Baseline heat input. Baseline heat input for each CAIR NOx unit will be converted as follows:

(1) A unit's control period heat input and a unit's status as coal-fired or oil-fired for a calendar year under this paragraph will be determined in one of the following two ways:

(i) In accordance with 40 CFR Part 75 (relating to continuous emission monitoring), to the extent that the unit was otherwise subject to 40 CFR Part 75 for the year.

(ii) Based on the best available data reported to the Department for the unit, to the extent the unit was not otherwise subject to the requirements of 40 CFR Part 75 for the year.

(2) Except as provided in subparagraphs (iv) and (v), a unit's converted control period heat input for a calendar year shall be determined as follows:

(i) The control period gross electrical output of the generators served by the unit multiplied by 7,900 Btu/kWh if the unit is coal-fired for the year, and divided by 1,000,000 Btu/mmBtu.

(ii) The control period gross electrical output of the generators served by the unit multiplied by 6,675 Btu/kWh if the unit is not coal-fired for the year, and divided by 1,000,000 Btu/mmBtu.

(iii) If a generator is served by two or more units, the gross electrical output of the generator will be attributed to each unit in proportion to the share of the total control period heat input from each of the units for the year.

SECTION D. Source Level Requirements

(iv) For a unit that is a boiler and has equipment used to produce electricity and useful thermal energy for industrial, commercial, heating or cooling purposes through the sequential use of energy, the total heat energy (in Btus) of the steam produced by the boiler during the annual control period, divided by 0.8 and by 1,000,000 Btu/mmBtu.

(v) For a unit that is a combustion turbine and has equipment used to produce electricity and useful thermal energy for industrial, commercial, heating or cooling purposes through the sequential use of energy, the annual control period gross electrical output of the enclosed device comprising the compressor, combustor and turbine multiplied by 3,413 Btu/kWh, plus the total heat energy (in Btu) of the steam produced by any associated heat recovery steam generator during the annual control period divided by 0.8, and with the sum divided by 1,000,000 Btu/mmBtu.

(vi) Calculations will be based on the best output data available on or before January 31 of the year the allocations are published. If unit level electrical or steam output data are not available from EIA, or submitted by this date by the owner or operator of the CAIR NOx unit, then heat input data for the period multiplied by 0.25 and converted to MWh will be used to determine total output.

(c) Existing unit, new unit and subsection (f)(1) qualifying resource allocation baseline. For each control period beginning with January 1, 2010, and each year thereafter, the Department will allocate to qualifying resources and CAIR NOx units, including CAIR NOx units issued allowances under subsection (e), a total amount of CAIR NOx allowances equal to the number of CAIR NOx allowances remaining in the Commonwealth's CAIR NOx trading budget under 40 CFR 96.140 (relating to State trading budgets) for those control periods using summed baseline heat input data as determined under subsections (b) and (f)(1) from a baseline year that is 6 calendar years before the control period.

(d) Proration of allowance allocations. The Department will allocate CAIR NOx allowances to each existing CAIR NOx unit and qualifying resource in an amount determined by multiplying the amount of CAIR NOx allowances in the Commonwealth's CAIR NOx trading budget available for allocation under subsection (c) by the ratio of the baseline heat input of the existing CAIR NOx unit or qualifying resource to the sum of the baseline heat input of existing CAIR NOx units and of the qualifying resources, rounding to the nearest whole allowance as appropriate.

(e) Allocations to new CAIR NOx units. By March 31, 2011, and March 31 each year thereafter, the Department will allocate CAIR NOx allowances under § 145.211(c) (relating to timing requirements for CAIR NOx allowance allocations) to CAIR NOx units equal to the previous year's emissions at each unit, unless the unit has been issued allowances of the previous year's vintage in a regular allocation under § 145.211(b). The Department will allocate CAIR NOx allowances under this subsection of a vintage year that is 5 years later than the year in which the emissions were generated. The number of CAIR NOx allowances allocated may not exceed the actual emission of the year preceding the year in which the Department makes the allocation. The allocation of these allowances to the new unit will not reduce the number of allowances the unit is entitled to receive under another provision of this subchapter.

(f) Allocations to qualifying resources and units exempted by section 405(g)(6)(a) of the Clean Air Act. For each control period beginning with 2010 and thereafter, the Department will allocate CAIR NOx allowances to qualifying resources under paragraph (1) in this Commonwealth that are not also allocated CAIR NOx allowances under another provision of this subchapter and to existing units under paragraph (2) that were exempted at any time under section 405(g)(6)(a) of the Clean Air Act (42 U.S.C.A. § 7651d(g)(6)(A)), regarding phase II SO₂ requirements, and that commenced operation prior to January 1, 2000, but did not receive an allocation of SO₂ allowances under the EPA's Acid Rain Program, as follows:

(1) The Department will allocate CAIR NOx allowances to a renewable energy qualifying resource or demand side management energy efficiency qualifying resource in accordance with subsections (c) and (d) upon receipt by the Department of an application, in writing, on or before June 30 of the year following the control period, except for vintage year 2011 and 2012 NOx allowance allocations whose application deadline will be prescribed by the Department, meeting the requirements of this paragraph. The number of allowances allocated to the qualifying resource will be determined by converting the certified quantity of electric energy production, useful thermal energy, and energy equivalent value of the measures approved under the Pennsylvania Alternative Energy Portfolio Standard to equivalent thermal energy. Equivalent thermal energy is a unit's baseline heat input for allocation purposes. The conversion rate for converting electrical energy to equivalent thermal energy is 3,413 Btu/kWh. To receive allowances under this subsection, the qualifying resource must have commenced operation after January 1, 2005, must be located in this Commonwealth and may not be a CAIR NOx unit. The following procedures apply:

(i) The owner of a qualifying renewable energy resource shall appoint a CAIR-authorized account representative and file a certificate of representation with the EPA and the Department.

SECTION D. Source Level Requirements

- (ii) The Department will transfer the allowances into an account designated by the owner's CAIR-authorized account representative of the qualifying resource, or into an account designated by an aggregator approved by the Pennsylvania Public Utility Commission or its designee.
- (iii) The applicant shall provide the Department with the corresponding renewable energy certificate serial numbers.
- (iv) At least one whole allowance must be generated per owner, operator or aggregator for an allowance to be issued.

(2) The Department will allocate CAIR NOx allowances to the owner or operator of a CAIR SO₂ unit that commenced operation prior to January 1, 2000, that has not received an SO₂ allocation for that compliance period, as follows:

- (i) By January 31, 2011, and each year thereafter, the owner or operator of a unit may apply, in writing, to the Department under this subsection to receive extra CAIR NOx allowances.
- (ii) The owner or operator may request under this subparagraph one CAIR NOx allowance for every 8 tons of SO₂ emitted from a qualifying unit during the preceding control period. An owner or operator of a unit covered under this subparagraph that has opted into the Acid Rain Program may request one CAIR NOx allowance for every 8 tons of SO₂ emissions that have not been covered by the SO₂ allowances received as a result of opting into the Acid Rain Program.
- (iii) If the original CAIR NOx allowance allocation for the unit for the control period exceeded the unit's actual emissions of NOx for the control period, the owner or operator shall also deduct the excess CAIR NOx allowances from the unit's request under subparagraph (ii). This amount is the unit's adjusted allocation and will be allocated unless the proration described in subparagraph (iv) applies.
- (iv) The Department will make any necessary corrections and then sum the requests. If the total number of NOx allowances requested by all qualified units under this paragraph, as adjusted by subparagraph (iii), is less than 1.3% of the Commonwealth's CAIR NOx Trading Budget, the Department will allocate the corrected amounts. If the total number of NOx allowances requested by all qualified units under this paragraph exceeds 1.3% of the Commonwealth's CAIR NOx Trading Budget, the Department will prorate the allocations based upon the following equation:

$$AA = [EA \times (0.013 \times BNA)] / TRA$$

where,

AA is the unit's prorated allocation,

EA is the adjusted allocation the unit may request under subparagraph (iii),

BNA is the total number of CAIR NOx allowances in the Commonwealth's CAIR NOx trading budget,

TRA is the total number of CAIR NOx allowances requested by all units requesting allowances under this paragraph.

(3) The Department will review each CAIR NOx allowance allocation request under this subsection and will allocate CAIR NOx allowances for each control period under a request as follows:

- (i) The Department will accept an allowance allocation request only if the request meets, or is adjusted by the Department as necessary to meet, the requirements of this section.
- (ii) On or after January 1 of the year of allocation, the Department will determine the sum of the CAIR NOx allowances requested.

(4) Up to 1.3% of the Commonwealth's CAIR NOx trading budget is available for allocation in each allocation cycle from 2011-2016 to allocate 2010-2015 allowances for the purpose of offsetting SO₂ emissions from units described in paragraph (2). Beginning January 1, 2017, and for each allocation cycle thereafter, the units will no longer be allocated CAIR NOx allowances under paragraph (2). Any allowances remaining after this allocation will be allocated to units under subsection (c) during the next allocation cycle.

(5) Notwithstanding the provisions of paragraphs (2)—(4), the Department may extend, terminate or otherwise modify the allocation of NOx allowances made available under this subsection for units exempted under section 405(g)(6)(a) of the Clean Air Act after providing notice in the Pennsylvania Bulletin and at least a 30-day public comment period.

(g) The Department will correct any errors in allocations made by the Department and discovered after final allocations are made but before the next allocation cycle, in the subsequent allocation cycle using future allowances that have not yet been allocated.

SECTION D. Source Level Requirements

053 [25 Pa. Code §145.213.]

Supplemental monitoring, recordkeeping and reporting requirements for gross electrical output and useful thermal energy for units subject to 40 CFR 96.170--96.175.

(a) By January 1, 2009, or by the date of commencing commercial operation, whichever is later, the owner or operator of the CAIR NOx unit shall install, calibrate, maintain and operate a wattmeter, measure gross electrical output in megawatt-hours on a continuous basis and record the output of the wattmeter. If a generator is served by two or more units, the information to determine the heat input of each unit for that control period shall also be recorded, so as to allow each unit's share of the gross electrical output to be determined. If heat input data are used, the owner or operator shall comply with the applicable provisions of 40 CFR Part 75 (relating to continuous emission monitoring).

(b) By September 1, 2008, for a CAIR NOx unit that is a cogeneration unit, and for a CAIR NOx unit with cogeneration capabilities, the owner or operator shall install, calibrate, maintain and operate meters for steam flow in lbs/hr, temperature in degrees Fahrenheit, and pressure in PSI, to measure and record the useful thermal energy that is produced, in mmBtu/hr, on a continuous basis. The owner or operator of a CAIR NOx unit that produces useful thermal energy but uses an energy transfer medium other than steam, such as hot water or glycol, shall install, calibrate, maintain and operate the necessary meters to measure and record the data necessary to express the useful thermal energy produced, in mmBtu/hr, on a continuous basis. If the unit ceases to produce useful thermal energy, the owner or operator may cease operation of the meters, but operation of the meters shall be resumed if the unit resumes production of useful thermal energy.

(c) Beginning with 2009, the designated representative of the unit shall submit to the Department an annual report showing monthly gross electrical output and monthly useful thermal energy from the unit. The report is due by January 31 for the preceding calendar year.

(d) The owner or operator of a CAIR NOx unit shall maintain onsite the monitoring plan detailing the monitoring system and maintenance of the monitoring system, including quality assurance activities. The owner or operator of a CAIR NOx unit shall retain the monitoring plan for at least 5 years from the date that it is replaced by a new or revised monitoring plan. The owner or operator of a CAIR NOx unit shall provide the Department with a written copy of the monitoring plan by January 1, 2009, and thereafter within 3 calendar months of making updates to the plan.

(e) The owner or operator of a CAIR NOx unit shall retain records for at least 5 years from the date the record is created or the data collected as required by subsections (a) and (b), and the reports submitted to the Department and the EPA in accordance with subsections (c) and (d).

054 [25 Pa. Code §145.221.]

Timing requirements for CAIR NOx ozone season allowance allocations.

(a) Provisions not incorporated by reference. The requirements of 40 CFR 96.341 (relating to timing requirements for CAIR NOx ozone season allowance allocations) are not incorporated by reference. Instead of 40 CFR 96.341, the requirements in this section apply.

(b) Regular allocations. The Department will make regular allocations of CAIR NOx ozone season allowances as follows:

(1) Except for allocations made under subsection (c), by April 30, 2008, the Department will submit to the Administrator the CAIR NOx ozone season allowance allocations made in accordance with § 145.222 (relating to CAIR NOx ozone season allowance allocations) for the control periods in 2010-2012 in a format prescribed by the Administrator.

(2) Except for allocations made under subsection (c), by April 30, 2009, the Department will submit to the Administrator the CAIR NOx ozone season allowance allocations made in accordance with § 145.222 for the control period in 2013 in a format prescribed by the Administrator. By April 30 every year after 2009, the Department will submit the allocations for the next consecutive control period.

(c) New CAIR NOx unit allowance allocations. By April 30, 2011, and by April 30 every year thereafter, the Department will submit to the Administrator the CAIR NOx Ozone Season allowance allocations made in accordance with § 145.222(e). The Department will base the allocations on actual emissions in the ozone season in the calendar year preceding the year of the submission.

SECTION D. Source Level Requirements

(d) Publication. The Department will publish notice of the proposed CAIR NO_x Ozone Season allowance allocations in the Pennsylvania Bulletin and will publish the final allocations after a 15-day public comment period. The Department will include in the notice the name and telephone number of a person to contact for access to additional information. The Department will publish notice according to the following schedule:

- (1) For allocations made under subsection (b)(1), by April 1, 2008.
- (2) For allocations made under subsection (b)(2), by April 1, 2009, and by April 1 every year thereafter.
- (3) For allocations made under subsection (c), by March 1 each year, beginning in 2011.

(e) Order of budget allowance withdrawal. The Department will issue CAIR NO_x ozone season allowances from the CAIR NO_x ozone season Trading Budget established in 40 CFR 96.240 (relating to State trading budgets) in the following order:

- (1) To new units under § 145.222(e).
- (2) To units under § 145.222(c).

055 [25 Pa. Code §145.222.]**CAIR NO_x Ozone Season allowance allocations.**

(a) Provisions not incorporated by reference. The requirements of 40 CFR 96.342 (relating to CAIR NO_x ozone season allowance allocations) are not incorporated by reference. Instead of 40 CFR 96.342, the requirements in this section apply.

(b) Baseline heat input. Baseline heat input for each CAIR NO_x ozone season unit will be converted as follows:

(1) A unit's control period heat input and a unit's status as coal-fired or oil-fired for the ozone season portion of a calendar year under this paragraph will be determined in one of the following two ways:

(i) In accordance with 40 CFR Part 75 (relating to continuous emission monitoring), to the extent that the unit was otherwise subject to the requirements of 40 CFR Part 75 for the control period.

(ii) Based on the best available data reported to the Department for the unit, to the extent the unit was not otherwise subject to the requirements of 40 CFR Part 75 for the year.

(2) Except as provided in subparagraphs (iv) and (v), a unit's converted control period heat input for the ozone season portion of a calendar year shall be determined as follows:

(i) The control period gross electrical output of the generators served by the unit multiplied by 7,900 Btu/kWh if the unit is coal-fired for the ozone season control period, and divided by 1,000,000 Btu/mmBtu.

(ii) The control period gross electrical output of the generators served by the unit multiplied by 6,675 Btu/kWh if the unit is not coal-fired for the ozone season control period, and divided by 1,000,000 Btu/mmBtu.

(iii) If a generator is served by 2 or more units, the gross electrical output of the generator will be attributed to each unit in proportion to the share of the total control period heat input from each of the units for the ozone season control period.

(iv) For a unit that is a boiler and has equipment used to produce electricity and useful thermal energy for industrial, commercial, heating or cooling purposes through the sequential use of energy, the total heat energy (in Btus) of the steam produced by the boiler during the ozone season control period, divided by 0.8 and by 1,000,000 Btu/mmBtu.

(v) For a unit that is a combustion turbine and has equipment used to produce electricity and useful thermal energy for industrial, commercial, heating or cooling purposes through the sequential use of energy, the control period gross electrical output of the enclosed device comprising the compressor, combustor and turbine multiplied by 3,413 Btu/kWh, plus the total heat energy (in Btu) of the steam produced by any associated heat recovery steam generator during the ozone season control period divided by 0.8, and with the sum divided by 1,000,000 Btu/mmBtu.

SECTION D. Source Level Requirements

(vi) Calculations will be based on the best output data available on or before January 31 of the year the allocations are published. If unit level electrical or steam output data are not available from EIA, or submitted by this date by the owner or operator of the CAIR NOx Ozone Season unit, then heat input data for the period multiplied by 0.25 and converted to MWh will be used to determine total output.

(c) Existing unit, new unit and subsection (f)(1) qualifying resource allocation baseline. For each control period beginning with the 2010 control period and thereafter, the Department will allocate to qualifying resources and CAIR NOx ozone season units, including CAIR NOx ozone season units issued allowances under subsection (e), a total amount of CAIR NOx ozone season allowances equal to the number of CAIR NOx ozone season allowances remaining in the Commonwealth's CAIR NOx Ozone Season Trading Budget under 40 CFR 96.140 (relating to State trading budgets) for those control periods using summed baseline heat input data as determined under subsections (b) and (f)(1) from an ozone season control period in a baseline year that is 6 calendar years before the control period.

(d) Proration of allowance allocations. The Department will allocate CAIR NOx ozone season allowances to each existing CAIR NOx ozone season unit and qualifying resource in an amount determined by multiplying the amount of CAIR NOx ozone season allowances in the Commonwealth's CAIR NOx ozone season Trading Budget available for allocation under subsection (c) by the ratio of the baseline heat input of the existing CAIR NOx ozone season unit or qualifying resource to the sums of the baseline heat input of existing CAIR NOx ozone season units and of the qualifying resources, rounding to the nearest whole allowance as appropriate.

(e) Allocations to new CAIR NOx ozone season units. By March 31, 2011, and March 31 each year thereafter, the Department will allocate CAIR NOx ozone season allowances under § 145.221(c) (relating to timing requirements for CAIR NOx ozone season allowance allocations) to CAIR NOx ozone season units equal to the previous year's emissions at each unit, unless the unit has been issued allowances of the previous year's vintage in a regular allocation under § 145.221(b). The Department will allocate CAIR NOx allowances under this subsection of a vintage year that is 5 years later than the year in which the emissions were generated. The number of CAIR NOx ozone season allowances allocated shall not exceed the actual emission of the year preceding the year in which the Department makes the allocation. The allocation of these allowances to the new unit will not reduce the number of allowances the unit is entitled to receive under another provision of this subchapter.

(f) Allocations to qualifying resources. For each control period beginning with the 2010 control period, and thereafter, the Department will allocate CAIR NOx ozone season allowances to qualifying resources in this Commonwealth that are not also allocated CAIR NOx ozone season allowances under another provision of this subchapter, as follows:

(1) The Department will allocate CAIR NOx ozone season allowances to a renewable energy qualifying resource or demand side management energy efficiency qualifying resource in accordance with subsections (c) and (d) upon receipt by the Department of an application, in writing, on or before June 30 of the year following the control period, except for vintage year 2011 and 2012 NOx ozone season allowance allocations whose application deadline will be prescribed by the Department, meeting the requirements of this paragraph. The number of allowances allocated to the qualifying resource will be determined by converting the certified quantity of electric energy production, useful thermal energy, and energy equivalent value of the measures approved under the Pennsylvania Alternative Energy Portfolio Standard to equivalent thermal energy. Equivalent thermal energy is a unit's baseline heat input for allocation purposes. The conversion rate for converting electrical energy to equivalent thermal energy is 3,413 Btu/kWh. To receive allowances under this subsection, the qualifying resource must have commenced operation after January 1, 2005, must be located in this Commonwealth and may not be a CAIR NOx ozone season unit. The following procedures apply:

(i) The owner of a qualifying renewable energy resource shall appoint a CAIR-authorized account representative and file a certificate of representation with the EPA and the Department.

(ii) The Department will transfer the allowances into an account designated by the owner's CAIR-authorized account representative of the qualifying resource, or into an account designated by an aggregator approved by the Pennsylvania Public Utility Commission or its designee.

(iii) The applicant shall provide the Department with the corresponding renewable energy certificate serial numbers.

(iv) At least one whole allowance must be generated per owner, operator or aggregator for an allowance to be issued.

SECTION D. Source Level Requirements

(g) The Department will correct any errors in allocations made by the Department and discovered after final allocations are made but before the next allocation cycle, in the subsequent allocation cycle using future allowances that have not yet been allocated.

056 [25 Pa. Code §145.223.]**Supplemental monitoring, recordkeeping and reporting requirements for gross electrical output and useful thermal energy for units subject to 40 CFR 96.370--96.375.**

(a) By January 1, 2009, or by the date of commencing commercial operation, whichever is later, the owner or operator of the CAIR NO_x ozone season unit shall install, calibrate, maintain and operate a wattmeter, measure gross electrical output in megawatt-hours on a continuous basis and record the output of the wattmeter. If a generator is served by two or more units, the information to determine the heat input of each unit for that control period shall also be recorded, so as to allow each unit's share of the gross electrical output to be determined. If heat input data are used, the owner or operator shall comply with the applicable provisions of 40 CFR Part 75 (relating to continuous emission monitoring).

(b) By September 1, 2008, for a CAIR NO_x ozone season unit that is a cogeneration unit, and for a CAIR NO_x ozone season unit with cogeneration capabilities, the owner or operator shall install, calibrate, maintain and operate meters for steam flow in lbs/hr, temperature in degrees Fahrenheit and pressure in PSI, to measure and record the useful thermal energy that is produced, in mmBtu/hr, on a continuous basis. The owner or operator of a CAIR NO_x ozone season unit that produces useful thermal energy but uses an energy transfer medium other than steam, such as hot water or glycol, shall install, calibrate, maintain and operate the necessary meters to measure and record the data necessary to express the useful thermal energy produced, in mmBtu/hr, on a continuous basis. If the unit ceases to produce useful thermal energy, the owner or operator may cease operation of the meters, but operation of the meters shall be resumed if the unit resumes production of useful thermal energy.

(c) Beginning with 2009, the designated representative of the unit shall submit to the Department an annual report showing monthly gross electrical output and monthly useful thermal energy from the unit. The report is due by January 31 for the preceding calendar year.

(d) The owner or operator of a CAIR NO_x ozone season unit shall maintain onsite the monitoring plan detailing the monitoring system and maintenance of the monitoring system, including quality assurance activities. The owner or operator of a CAIR NO_x ozone season unit shall retain the monitoring plan for at least 5 years from the date that it is replaced by a new or revised monitoring plan. The owner or operator of a CAIR NO_x ozone season unit shall provide the Department with a written copy of the monitoring plan by January 1, 2009, and thereafter within 3 calendar months of making updates to the plan.

(e) The owner or operator of a CAIR NO_x ozone season unit shall retain records for at least 5 years from the date the record is created or the data collected as required by subsections (a) and (b), and the reports submitted to the Department and the EPA in accordance with subsections (c) and (d).

057 [25 Pa. Code §145.6]**Standard requirements.**

[From 25 Pa. Code Section 145.6(b)]

(a) The owners and operators of each NO_x budget source and each NO_x budget unit at the source shall hold NO_x allowances available for compliance deductions under 25 Pa. Code Section 145.54 (relating to compliance), as of the NO_x allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NO_x emissions for the control period from the unit, as determined in accordance with 25 Pa. Code Sections 145.70-145.76 plus any amount necessary to account for actual heat input under 145.42(e) (relating to NO_x allowance allocations) for the control period or to account for excess emissions for a prior control period under 25 Pa. Code Section 145.54(d) or to account for withdrawal from the NO_x Budget Trading Program, or a change in regulatory status, of a NO_x budget opt-in unit under 25 Pa. Code Sections 145.86 or 145.87 (relating to opt-in source withdrawal from NO_x Budget Trading Program; and opt-in source change in regulatory status).

(b) A NO_x budget unit shall be subject to paragraph (a) starting on May 1, 2003, or the date on which the unit commences operation, whichever is later.

SECTION D. Source Level Requirements

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #005 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

058 [25 Pa. Code §145.6]

Standard requirements.

[From 25 Pa. Code Section 145.6(c) - Excess Emissions]

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

- (1) Surrender the NOx allowances required for deduction under 25 Pa. Code Section 145.54(d)(1) (relating to compliance).
- (2) Pay any fine, penalty or assessment or comply with any other remedy imposed under Section 145.54(d)(3) or the act.

059 [25 Pa. Code §145.90.]

Emission reduction credit provisions.

NOx budget units may create, transfer and use emission reduction credits ("ERCs") in accordance with 25 Pa. Code Chapter 127 and Section 145.90. ERCs may not be used to satisfy NOx allowance requirements.

[Compliance with the terms of this streamlined permit condition assures compliance with Condition #012 contained in the Nitrogen Oxides Allowance Operating Permit No. 37-00023 issued on March 23, 2001.]

060 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.106]

Subpart AA - CAIR NOx Annual Trading Program General Provisions

Standard requirements.

§ 97.106 Standard requirements.

(a) Permit requirements.

(1) The CAIR designated representative of each CAIR NOx source required to have a title V operating permit and each CAIR NOx unit required to have a title V operating permit at the source shall:

- (i) Submit to the permitting authority a complete CAIR permit application under §97.122 in accordance with the deadlines specified in §97.121; and
- (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

(2) The owners and operators of each CAIR NOx source required to have a title V operating permit and each CAIR NOx unit required to have a title V operating permit at the source shall have a CAIR permit issued by the permitting authority under subpart CC of this part for the source and operate the source and the unit in compliance with such CAIR permit.

(3) Except as provided in subpart II of this part, the owners and operators of a CAIR NOx source that is not otherwise required to have a title V operating permit and each CAIR NOx unit that is not otherwise required to have a title V operating permit are not required to submit a CAIR permit application, and to have a CAIR permit, under subpart CC of this part for such CAIR NOx source and such CAIR NOx unit.

(b) Monitoring, reporting, and recordkeeping requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NOx source and each CAIR NOx unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of subpart HH of this part.

(2) The emissions measurements recorded and reported in accordance with subpart HH of this part shall be used to determine compliance by each CAIR NOx source with the CAIR NOx emissions limitation under paragraph (c) of this

SECTION D. Source Level Requirements

section.

(c) Nitrogen oxides emission requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall hold, in the source's compliance account, CAIR NO_x allowances available for compliance deductions for the control period under §97.154(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NO_x units at the source, as determined in accordance with subpart HH of this part.

(2) A CAIR NO_x unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of January 1, 2009 or the deadline for meeting the unit's monitor certification requirements under §97.170(b)(1), (2), or (5) and for each control period thereafter.

(3) A CAIR NO_x allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated.

(4) CAIR NO_x allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Allowance Tracking System accounts in accordance with subparts EE, FF, GG, and II of this part.

(5) A CAIR NO_x allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NO_x Annual Trading Program. No provision of the CAIR NO_x Annual Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §97.105 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.

(6) A CAIR NO_x allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart EE, FF, GG, or II of this part, every allocation, transfer, or deduction of a CAIR NO_x allowance to or from a CAIR NO_x source's compliance account is incorporated automatically in any CAIR permit of the source.

(d) Excess emissions requirements. If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, then:

(1) The owners and operators of the source and each CAIR NO_x unit at the source shall surrender the CAIR NO_x allowances required for deduction under §97.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart, the Clean Air Act, and applicable State law.

(e) Recordkeeping and reporting requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR NO_x source and each CAIR NO_x unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the permitting authority or the Administrator.

(i) The certificate of representation under §97.113 for the CAIR designated representative for the source and each CAIR NO_x unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under §97.113 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with subpart HH of this part, provided that to the extent that subpart HH of this part provides for a 3-year period for recordkeeping, the 3-year period shall apply.

SECTION D. Source Level Requirements

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NOx Annual Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Annual Trading Program.

(2) The CAIR designated representative of a CAIR NOx source and each CAIR NOx unit at the source shall submit the reports required under the CAIR NOx Annual Trading Program, including those under subpart HH of this part.

(f) Liability.

(1) Each CAIR NOx source and each CAIR NOx unit shall meet the requirements of the CAIR NOx Annual Trading Program.

(2) Any provision of the CAIR NOx Annual Trading Program that applies to a CAIR NOx source or the CAIR designated representative of a CAIR NOx source shall also apply to the owners and operators of such source and of the CAIR NOx units at the source.

(3) Any provision of the CAIR NOx Annual Trading Program that applies to a CAIR NOx unit or the CAIR designated representative of a CAIR NOx unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities. No provision of the CAIR NOx Annual Trading Program, a CAIR permit application, a CAIR permit, or an exemption under §97.105 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NOx source or CAIR NOx unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

**# 061 [40 CFR Part 97 NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs §40 CFR 97.206]
Subpart AAA - CAIR SO2 Trading Program General Provisions
Standard requirements.**

(a) Permit requirements.

(1) The CAIR designated representative of each CAIR SO2 source required to have a title V operating permit and each CAIR SO2 unit required to have a title V operating permit at the source shall:

(i) Submit to the permitting authority a complete CAIR permit application under §97.222 in accordance with the deadlines specified in §97.221; and

(ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

(2) The owners and operators of each CAIR SO2 source required to have a title V operating permit and each CAIR SO2 unit required to have a title V operating permit at the source shall have a CAIR permit issued by the permitting authority under subpart CCC of this part for the source and operate the source and the unit in compliance with such CAIR permit.

(3) Except as provided in subpart III of this part, the owners and operators of a CAIR SO2 source that is not otherwise required to have a title V operating permit and each CAIR SO2 unit that is not otherwise required to have a title V operating permit are not required to submit a CAIR permit application, and to have a CAIR permit, under subpart CCC of this part for such CAIR SO2 source and such CAIR SO2 unit.

(b) Monitoring, reporting, and recordkeeping requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR SO2 source and each CAIR SO2 unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of subpart HHH of this part.

(2) The emissions measurements recorded and reported in accordance with subpart HHH of this part shall be used to determine compliance by each CAIR SO2 source with the CAIR SO2 emissions limitation under paragraph (c) of this section.

SECTION D. Source Level Requirements**(c) Sulfur dioxide emission requirements.**

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO₂ allowances available for compliance deductions for the control period, as determined in accordance with §97.254(a) and (b), not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source, as determined in accordance with subpart HHH of this part.

(2) A CAIR SO₂ unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of January 1, 2010 or the deadline for meeting the unit(s) monitor certification requirements under §97.270(b)(1),(2), or (5) and for each control period thereafter.

(3) A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated.

(4) CAIR SO₂ allowances shall be held in, deducted from, or transferred into or among CAIR SO₂ Allowance Tracking System accounts in accordance with subparts FFF, GGG, and III of this part.

(5) A CAIR SO₂ allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO₂ Trading Program. No provision of the CAIR SO₂ Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §97.205 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.

(6) A CAIR SO₂ allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart FFF, GGG, or III of this part, every allocation, transfer, or deduction of a CAIR SO₂ allowance to or from a CAIR SO₂ source's compliance account is incorporated automatically in any CAIR permit of the source.

(d) Excess emissions requirements. If a CAIR SO₂ source emits sulfur dioxide during any control period in excess of the CAIR SO₂ emissions limitation, then:

(1) The owners and operators of the source and each CAIR SO₂ unit at the source shall surrender the CAIR SO₂ allowances required for deduction under §97.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart, the Clean Air Act, and applicable State law.

(e) Recordkeeping and reporting requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR SO₂ source and each CAIR SO₂ unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the permitting authority or the Administrator.

(i) The certificate of representation under §97.213 for the CAIR designated representative for the source and each CAIR SO₂ unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under §97.213 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with subpart HHH of this part, provided that to the extent that subpart HHH of this part provides for a 3-year period for recordkeeping, the 3-year period shall apply.

SECTION D. Source Level Requirements

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO₂ Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR SO₂ Trading Program or to demonstrate compliance with the requirements of the CAIR SO₂ Trading Program.

(2) The CAIR designated representative of a CAIR SO₂ source and each CAIR SO₂ unit at the source shall submit the reports required under the CAIR SO₂ Trading Program, including those under subpart HHH of this part.

(f) Liability.

(1) Each CAIR SO₂ source and each CAIR SO₂ unit shall meet the requirements of the CAIR SO₂ Trading Program.

(2) Any provision of the CAIR SO₂ Trading Program that applies to a CAIR SO₂ source or the CAIR designated representative of a CAIR SO₂ source shall also apply to the owners and operators of such source and of the CAIR SO₂ units at the source.

(3) Any provision of the CAIR SO₂ Trading Program that applies to a CAIR SO₂ unit or the CAIR designated representative of a CAIR SO₂ unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities. No provision of the CAIR SO₂ Trading Program, a CAIR permit application, a CAIR permit, or an exemption under §97.205 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR SO₂ source or CAIR SO₂ unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

062 [40 CFR Part 97 NO_x Budget Trading Program and CAIR NO_x and SO₂ Trading Programs §40 CFR 97.306]
Subpart AAAA - CAIR NO_x Ozone Season Trading Program General Provisions
Standard requirements.

(a) Permit requirements.

(1) The CAIR designated representative of each CAIR NO_x Ozone Season source required to have a title V operating permit and each CAIR NO_x Ozone Season unit required to have a title V operating permit at the source shall:

(i) Submit to the permitting authority a complete CAIR permit application under §97.322 in accordance with the deadlines specified in §97.321; and

(ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

(2) The owners and operators of each CAIR NO_x Ozone Season source required to have a title V operating permit and each CAIR NO_x Ozone Season unit required to have a title V operating permit at the source shall have a CAIR permit issued by the permitting authority under subpart CCCC of this part for the source and operate the source and the unit in compliance with such CAIR permit.

(3) Except as provided in subpart IIII of this part, the owners and operators of a CAIR NO_x Ozone Season source that is not otherwise required to have a title V operating permit and each CAIR NO_x Ozone Season unit that is not otherwise required to have a title V operating permit are not required to submit a CAIR permit application, and to have a CAIR permit, under subpart CCCC of this part for such CAIR NO_x Ozone Season source and such CAIR NO_x Ozone Season unit.

(b) Monitoring, reporting, and recordkeeping requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of subpart HHHH of this part.

(2) The emissions measurements recorded and reported in accordance with subpart HHHH of this part shall be used to

SECTION D. Source Level Requirements

determine compliance by each CAIR NOx Ozone Season source with the CAIR NOx Ozone Season emissions limitation under paragraph (c) of this section.

(c) Nitrogen oxides ozone season emission requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NOx Ozone Season allowances available for compliance deductions for the control period under §97.354(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NOx Ozone Season units at the source, as determined in accordance with subpart HHHH of this part.

(2) A CAIR NOx Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under §97.370(b)(1), (2), (3), or (7) and for each control period thereafter.

(3) A CAIR NOx Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NOx Ozone Season allowance was allocated.

(4) CAIR NOx Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx Ozone Season Allowance Tracking System accounts in accordance with subparts EEEE, FFFF, GGGG, and IIII of this part.

(5) A CAIR NOx Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Ozone Season Trading Program. No provision of the CAIR NOx Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §97.305 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.

(6) A CAIR NOx Ozone Season allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart EEEE, FFFF, GGGG, or IIII of this part, every allocation, transfer, or deduction of a CAIR NOx Ozone Season allowance to or from a CAIR NOx Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

(d) Excess emissions requirements. If a CAIR NOx Ozone Season source emits nitrogen oxides during any control period in excess of the CAIR NOx Ozone Season emissions limitation, then:

(1) The owners and operators of the source and each CAIR NOx Ozone Season unit at the source shall surrender the CAIR NOx Ozone Season allowances required for deduction under §97.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart, the Clean Air Act, and applicable State law.

(e) Recordkeeping and reporting requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the permitting authority or the Administrator.

(i) The certificate of representation under §97.313 for the CAIR designated representative for the source and each CAIR NOx Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under §97.313 changing the CAIR designated representative.

SECTION D. Source Level Requirements

(ii) All emissions monitoring information, in accordance with subpart HHHH of this part, provided that to the extent that subpart HHHH of this part provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NOx Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NOx Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NOx Ozone Season Trading Program.

(2) The CAIR designated representative of a CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit at the source shall submit the reports required under the CAIR NOx Ozone Season Trading Program, including those under subpart HHHH of this part.

(f) Liability.

(1) Each CAIR NOx Ozone Season source and each CAIR NOx Ozone Season unit shall meet the requirements of the CAIR NOx Ozone Season Trading Program.

(2) Any provision of the CAIR NOx Ozone Season Trading Program that applies to a CAIR NOx Ozone Season source or the CAIR designated representative of a CAIR NOx Ozone Season source shall also apply to the owners and operators of such source and of the CAIR NOx Ozone Season units at the source.

(3) Any provision of the CAIR NOx Ozone Season Trading Program that applies to a CAIR NOx Ozone Season unit or the CAIR designated representative of a CAIR NOx Ozone Season unit shall also apply to the owners and operators of such unit.

(g) Effect on other authorities. No provision of the CAIR NOx Ozone Season Trading Program, a CAIR permit application, a CAIR permit, or an exemption under §97.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NOx Ozone Season source or CAIR NOx Ozone Season unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

**# 063 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10005]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units**

What are my initial compliance requirements and by what date must I conduct them?

The requirements of 40 CFR Subpart 63.10005 apply to this source.

**# 064 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10006]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units**

When must I conduct subsequent performance tests or tune-ups?

The requirements of 40 CFR Subpart 63.10006 apply to this source.

**# 065 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10007]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units**

What methods and other procedures must I use for the performance tests?

The requirements of 40 CFR Subpart 63.10007 apply to this source.

**# 066 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10009]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units**

May I use emissions averaging to comply with this subpart?

The requirements of 40 CFR Subpart 63.10009 apply to this source.

SECTION D. Source Level Requirements

067 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10010] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What are my monitoring, installation, operation, and maintenance requirements? The requirements of 40 CFR Subpart 63.10010 apply to this source.
068 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10011] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units How do I demonstrate initial compliance with the emissions limits and work practice standards? The requirements of 40 CFR Subpart 63.10011 apply to this source.
069 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10020] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units How do I monitor and collect data to demonstrate continuous compliance? The requirements of 40 CFR Subpart 63.10020 apply to this source.
070 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10021] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units How do I demonstrate continuous compliance with the emission limitations, operating limits, and work practice standards? The requirements of 40 CFR Subpart 63.10021 apply to this source.
071 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10022] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units How do I demonstrate continuous compliance under the emissions averaging provision? The requirements of 40 CFR Subpart 63.10022 apply to this source.
072 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10023] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units How do I establish my PM CPMS operating limit and determine compliance with it? The requirements of 40 CFR Subpart 63.10023 apply to this source.
073 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10030] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What notifications must I submit and when? The requirements of 40 CFR Subpart 63.10030 apply to this source.
074 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10031] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What reports must I submit and when? The requirements of 40 CFR Subpart 63.10031 apply to this source.
075 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10032] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What records must I keep? The requirements of 40 CFR §63.10032 apply to this source. The format and duration of the record keeping requirements must adhere to 40 CFR § 63.10033.

SECTION D. Source Level Requirements

076 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10040] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What parts of the General Provisions apply to me? The requirements in 40 CFR §63.10040 apply to this source.
077 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10041] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units Who implements and enforces this subpart? The requirements in 40 CFR §63.10041 apply to this source.
078 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR Subpart 63.10042] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What definitions apply to this subpart? The requirements in 40 CFR §63.10042 apply to this source.
079 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR subpart 63.10000] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What are my general requirements for complying with this subpart? The requirements of 40 CFR Subpart 63.10000 apply to this source.
080 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR subpart 63.10001] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units Affirmative defense for exceedence of emission limit during malfunction. The requirements of 40 CFR Subpart 63.10001 apply to this source.
081 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR subpart 63.9991] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units What emission limitations, work practice standards, and operating limits must I meet? The requirements in 40 CFR §63.9991 apply to this source.
082 [40 CFR Part 63 NESHAPS for Source Categories §Appendix A to Subpart UUUUU of Part 63] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units Hg Monitoring Provisions The requirements in Appendix A to Subpart UUUUU of Part 63 apply to this source.
083 [40 CFR Part 63 NESHAPS for Source Categories §Appendix B to Subpart UUUUU of Part 63] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units HCl and HF Monitoring Provisions The requirements in Appendix B to Subpart UUUUU of Part 63 apply to this source.
084 [40 CFR Part 63 NESHAPS for Source Categories §Table 2 to Subpart UUUUU of Part 63] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units Emission Limits for Existing EGUs The requirements in Table 2 to Subpart UUUUU of Part 63 apply to this source.
085 [40 CFR Part 63 NESHAPS for Source Categories §Table 3 to Subpart UUUUU of Part 63] SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units

SECTION D. Source Level Requirements

Work Practice Standards

The requirements in Table 3 to Subpart UUUUU of Part 63 apply to this source.

086 [40 CFR Part 63 NESHAPS for Source Categories §Table 4 to Subpart UUUUU of Part 63]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units
Operating Limits for EGUs

The requirements in Table 4 to Subpart UUUUU of Part 63 apply to this source.

087 [40 CFR Part 63 NESHAPS for Source Categories §Table 5 to Subpart UUUUU of Part 63]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units
Performance Testing Requirements

The requirements in Table 5 to Subpart UUUUU of Part 63 apply to this source.

088 [40 CFR Part 63 NESHAPS for Source Categories §Table 6 to Subpart UUUUU of Part 63]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units
Establishing PM CPMS Operating Limits

The requirements in Table 6 to Subpart UUUUU of Part 63 apply to this source.

089 [40 CFR Part 63 NESHAPS for Source Categories §Table 7 to Subpart UUUUU]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units
Demonstrating Continuous Compliance

The requirements in Table 7 to Subpart UUUUU of Part 63 apply to this source.

090 [40 CFR Part 63 NESHAPS for Source Categories §Table 8 to Subpart UUUUU]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units
Reporting Requirements

The requirements in Table 8 to Subpart UUUUU of Part 63 apply to this source.

091 [40 CFR Part 63 NESHAPS for Source Categories §Table 9 to Subpart UUUUU]
SUBPART UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units
Applicability of General Provisions to Subpart UUUUU

The requirements in Table 9 to Subpart UUUUU of Part 63 apply to this source.

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

SECTION D. Source Level Requirements

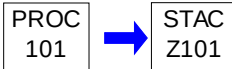
Source ID: 101

Source Name: BULK UNLOADING & TRANSPORT

Source Capacity/Throughput:

250.000 Tons/HR

WASTE COAL



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.252.]

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]

Subpart Y - Standards of Performance for Coal Preparation Plants

Standards for particulate matter.

The permittee shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage systems, or coal transfer and loading systems, gases which exhibit 20 percent opacity or greater.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]

Subpart Y - Standards of Performance for Coal Preparation Plants

Standards for particulate matter.

- The Permittee shall perform daily inspections of the exhaust stream from the fabric collector associated with the fuel sizing and conveying system.
- If there are visible emissions being emitted, Method 9 and the procedures in 40 CFR Part 60, section 60.11 shall be used to determine opacity.
- Any time that Method 9 procedures are used to determine opacity of exhaust stream, a record of the test procedures and

SECTION D. Source Level Requirements

results are to be recorded in a log to be maintained for a period of five (5) years.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

- a) The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- b) The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Active waste coal solid fuel storage shall be maintained in a minimum windage geometry, and be located as close as possible to the input grizzly to minimize transit losses.

The permittee shall maintain a system for wetting both the fuel storage piles and travel paths to the grizzly feeder, with water and/or chemical agents, to minimize dust generation.

009 [25 Pa. Code §127.411]

Content of applications.

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

010 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall use the following strategy for minimizing fugitive emissions from the fuel storage areas:

- the use of a crusting agent applied to the surface of the Long-Term Waste Coal Storage Area.
- the application of water to the Short-Term Waste Coal Storage Area during hot, dry weather.



SECTION D. Source Level 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: 103A

Source Name: PRIMARY CRUSHER

Source Capacity/Throughput:

200.000 Tons/HR

WASTE COAL



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.252.]

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]

Subpart Y - Standards of Performance for Coal Preparation Plants

Standards for particulate matter.

The permittee shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage systems, or coal transfer and loading systems, gases which exhibit 20 percent opacity or greater.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]

Subpart Y - Standards of Performance for Coal Preparation Plants

Standards for particulate matter.

- The Permittee shall perform daily inspections of the exhaust stream from the fabric collector associated with the fuel sizing and conveying system.
- If there are visible emissions being emitted, Method 9 and the procedures in 40 CFR Part 60, section 60.11 shall be used to determine opacity.
- Any time that Method 9 procedures are used to determine opacity of exhaust stream, a record of the test procedures and

SECTION D. Source Level Requirements

results are to be recorded in a log to be maintained for a period of five (5) years.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

- a) The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- b) The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

V. REPORTING REQUIREMENTS.

007 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.

008 [25 Pa. Code §127.411]

Content of applications.

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

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: 104

Source Name: CONVEYING SYSTEM

Source Capacity/Throughput: 200.000 Tons/HR PROCESSED COAL



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.252.]

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]

Subpart Y - Standards of Performance for Coal Preparation Plants

Standards for particulate matter.

The permittee shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage systems, or coal transfer and loading systems, gases which exhibit 20 percent opacity or greater.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]

Subpart Y - Standards of Performance for Coal Preparation Plants

Standards for particulate matter.

- The Permittee shall perform daily inspections of the exhaust stream from the fabric collector associated with the fuel sizing and conveying system.
- If there are visible emissions being emitted, Method 9 and the procedures in 40 CFR Part 60, section 60.11 shall be used to determine opacity.
- Any time that Method 9 procedures are used to determine opacity of exhaust stream, a record of the test procedures and

SECTION D. Source Level Requirements

results are to be recorded in a log to be maintained for a period of five (5) years.

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

- a) The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- b) The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

V. REPORTING REQUIREMENTS.**# 007 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.411]****Content of applications.**

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

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: 105

Source Name: BOILER FEED BUNKERS (2)

Source Capacity/Throughput: 130.000 Tons/HR PROCESSED COAL

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- a) The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- b) The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- c) The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

[Compliance with the requirements specified in this streamlined permit condition assures compliance with the provisions in: 40 CFR 60.252.]

002 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]**Subpart Y - Standards of Performance for Coal Preparation Plants****Standards for particulate matter.**

The permittee shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage systems, or coal transfer and loading systems, gases which exhibit 20 percent opacity or greater.

II. TESTING REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.252]**Subpart Y - Standards of Performance for Coal Preparation Plants****Standards for particulate matter.**

- a) The Permittee shall perform daily inspections of the exhaust stream from the fabric collector associated with the fuel sizing and conveying system.
- b) If there are visible emissions being emitted, Method 9 and the procedures in 40 CFR Part 60, section 60.11 shall be used to determine opacity.
- c) Any time that Method 9 procedures are used to determine opacity of exhaust stream, a record of the test procedures and

SECTION D. Source Level Requirements

results are to be recorded in a log to be maintained for a period of five (5) years.

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

- a) The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- b) The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

V. REPORTING REQUIREMENTS.**# 007 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.411]****Content of applications.**

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

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: 106

Source Name: LIMESTONE STORAGE BIN

Source Capacity/Throughput:

26.000 Tons/HR

LIMESTONE



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

- The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

SECTION D. Source Level Requirements**V. REPORTING REQUIREMENTS.****# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.411]****Content of applications.**

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

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: 107A

Source Name: FLYASH SILO

Source Capacity/Throughput:

50.000 Tons/HR

FLYASH



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

- The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

SECTION D. Source Level Requirements**V. REPORTING REQUIREMENTS.****# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.411]****Content of applications.**

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

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: 107B

Source Name: BEDASH SILO

Source Capacity/Throughput:

50.000 Tons/HR

BEDASH



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

II. TESTING REQUIREMENTS.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

- The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

SECTION D. Source Level Requirements**V. REPORTING REQUIREMENTS.****# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.411]****Content of applications.**

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

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

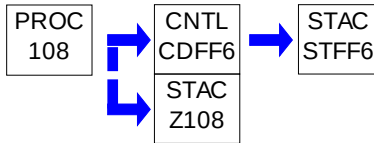
Source ID: 108

Source Name: ASH LOADOUT (TRUCK FILL)

Source Capacity/Throughput:

150.000 Tons/HR

BED/FLYASH

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- The allowable particulate emission rate for the crusher house/crusher, boiler feed bunkers, limestone silo and the ash silos is 0.02 grain/dscf.
- The permittee shall permanently install and maintain magnehelic gauges or equivalent on all dust collectors to measure pressure drop across each collector.
- The dust collection systems shall be equipped with alarm devices, which will as a minimum indicate to the Control Room Operator if a high differential pressure condition exists.

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Department reserves the right to require particulate emission tests for fuel, limestone, and ash handling systems to verify compliance. If required, the permittee shall conduct stack tests within 60 days of receiving notification from the Department.

III. MONITORING REQUIREMENTS.**# 003 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

The Permittee shall perform a daily inspection of all magnehelic gauges to assure that the fabric collectors are operating within the recommended range of pressure drop.

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

- The Permittee shall maintain a log of the daily pressure differential gauge readings for the control device(s) associated with this source.
- The Permittee shall maintain a log on the monthly inspections of all fabric collectors. This log shall include:
 - the date and time of the inspection.
 - the name on the person performing the inspection.
 - a record of the pressure drop readings across each collector.
 - the presence or absence of visible emissions.
 - any abnormal conditions detected.

SECTION D. Source Level Requirements**V. REPORTING REQUIREMENTS.****# 005 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Equipment failures will be reported only when the device is intended to continue operation. The initial report will be by telephone to the regional office of DEP with follow up letter within three (3) business days.

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.411]****Content of applications.**

- a) If operational problems or visible emissions are observed, they must be reported immediately to a Supervisor and logged in the Operations Log.
- b) All observed problems with filter/baghouse systems, and visible emissions, shall be addressed immediately, and corrected, or operation of concerned sources shall be suspended.

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

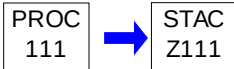
Source ID: 111

Source Name: PARTS WASHER

Source Capacity/Throughput:

0.990 Lbs/HR

PETROLEUM SOLVENT



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.

001 [25 Pa. Code §129.63]

Degreasing operations

(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

(1) Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

(A) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(B) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

SECTION D. Source Level Requirements

(C) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

(i) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(ii) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(iv) Air agitated solvent baths may not be used.

(v) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(4) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

(i) The name and address of the solvent supplier.

(ii) The type of solvent including the product or vendor identification number.

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

(7) Paragraph (4) does not apply:

(i) To cold cleaning machines used in extreme cleaning service.

(ii) If the owner or operator of the cold cleaning machine demonstrates, and the Department approves in writing, that compliance with paragraph (4) will result in unsafe operating conditions.

(iii) To immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

(b) - (e) [Do not apply]



SECTION D. Source Level Requirements

VII. ADDITIONAL REQUIREMENTS.

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

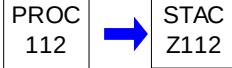
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 112

Source Name: ROAD DUST FUGITIVES

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).

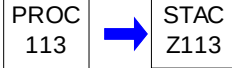
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 113

Source Name: COOLING TOWER

Source Capacity/Throughput:



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.13]

Processes

(a)-(b) [Do not apply]

(c) (1) Prohibited emissions. No person may permit the emission into the outdoor atmosphere of particulate matter from any process in a manner that the concentration of particulate matter in the effluent gas exceeds 0.02 grain per dry standard cubic foot, when the effluent gas volume is greater than 300,000 dry standard cubic feet per minute.

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).

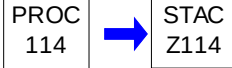
*** Permit Shield in Effect. ***

SECTION D. Source Level Requirements

Source ID: 114

Source Name: WOOD FUEL STORAGE AREA

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).

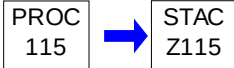
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 115

Source Name: WOOD CHIPPER

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).

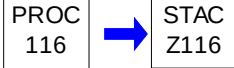
***** Permit Shield in Effect. *****

SECTION D. Source Level Requirements

Source ID: 116

Source Name: ASH STORAGE AREA

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. Alternative Operation Requirements.

No Alternative Operations exist for this Title V facility.

SECTION F. Emission Restriction Summary.

Source Id	Source Description
031	FLUIDIZED BED COMBUSTOR
Emission Limit	Pollutant
10.000 PPMV	Ammonia (Anhydrous)
0.230 Lbs/MMBTU	CO
88.800 Lbs/Hr	CO
389.000 Tons/Yr	CO
0.192 Lbs/MMBTU (30 Day Rolling Average)	NOX
75.300 Lbs/Hr (30 Day Rolling Average)	NOX
330.000 Tons/Yr (12 Month Rolling Total)	NOX
0.027 Lbs/MMBTU	PM10
0.800 Lbs/MMBTU Liquid Fuel	SOX
1.000 Lbs/MMBTU Solid Fuel	SOX
403.000 Lbs/Hr 30 Day Rolling Average	SOX
1,776.000 Tons/Yr	SOX
0.027 Lbs/MMBTU	TSP
10.500 Lbs/Hr	TSP
46.100 Tons/Yr	TSP
0.024 Lbs/MMBTU	VOC
9.600 Lbs/Hr	VOC
42.000 Tons/Yr	VOC
101	BULK UNLOADING & TRANSPORT
Emission Limit	Pollutant
0.020 gr/DRY FT3	TSP
103A	PRIMARY CRUSHER
Emission Limit	Pollutant
0.020 gr/DRY FT3	TSP
104	CONVEYING SYSTEM
Emission Limit	Pollutant
0.020 gr/DRY FT3	TSP
105	BOILER FEED BUNKERS (2)
Emission Limit	Pollutant
0.020 gr/DRY FT3	TSP
106	LIMESTONE STORAGE BIN
Emission Limit	Pollutant
0.020 gr/DRY FT3	TSP
107A	FLYASH SILO
Emission Limit	Pollutant
0.020 gr/DRY FT3	TSP

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description				
107B	BEDASH SILO				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr/DRY FT3</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.020 gr/DRY FT3	TSP
Emission Limit	Pollutant				
0.020 gr/DRY FT3	TSP				
108	ASH LOADOUT (TRUCK FILL)				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr/DRY FT3</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.020 gr/DRY FT3	TSP
Emission Limit	Pollutant				
0.020 gr/DRY FT3	TSP				
113	COOLING TOWER				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr/DRY FT3</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.020 gr/DRY FT3	TSP
Emission Limit	Pollutant				
0.020 gr/DRY FT3	TSP				

Site Emission Restriction Summary

Emission Limit	Pollutant
----------------	-----------

**SECTION G. Miscellaneous.**

The emission limits provided in Section G, Emission Restriction Summary, are provided for informational purposes only. The actual enforceable limits in the permit occur in Sections C and D of the permit.

=====

This permit was Administratively Amended on April 23, 2003 to incorporate changes brought about by Plan Approval Number: 16127B.

=====

This permit was modified on April 2, 2009 to reflect the use of non-hazardous wood waste (excluding materials containing PCBs, PCPs and arsenic treated material).



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