



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: May 25, 2023

Effective Date: May 25, 2023

Revision Date: May 25, 2023

Expiration Date: May 24, 2033

Revision Type: Modification

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 construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval 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 plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 13-00003A

Federal Tax Id - Plant Code: 45-5062056-1

Owner Information

Name: PANTHER CREEK POWER OPR LLC

Mailing Address: 4 DENNISON RD
NESQUEHONING, PA 18240-2242

Plant Information

Plant: PANTHER CREEK POWER OPR LLC/NESQUEHONING

Location: 13 Carbon County 13917 Nesquehoning Borough

SIC Code: 4911 Trans. & Utilities - Electric Services

Responsible Official

Name: MATTHEW J COCHRAN

Title: ASSET MANAGER

Phone: (570) 645 - 8721

Email: matt.cochran@strongholddigital.com

Plan Approval Contact Person

Name: CLIFF HEISTAND

Title: ENVIRONMENTAL MANAGER

Phone: (570) 645 - 8721 Ext.203

Email: cheistand@panthercreekenergy.com

[Signature] _____

MARK J. WEJKSZNER, NORTHEAST REGION AIR PROGRAM MANAGER



Plan Approval Description

This plan approval establishes plantwide applicability limits (PALs) for the following pollutants: PM, PM10, PM2.5, SO2, NOX, CO, Pb, Fluorides minus hydrogen fluoride (HF), sulfuric acid (H2SO4), and greenhouse gases (GHGs). There are no physical modifications or changes in the method of operation that are specifically associated with or proposed in this PAL application.



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

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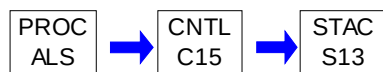
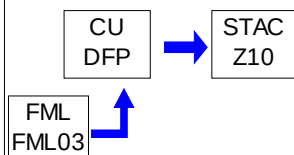
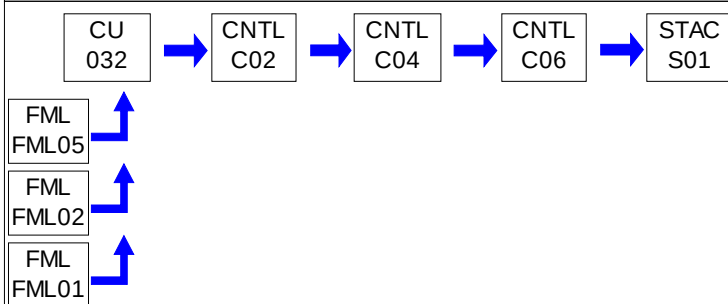
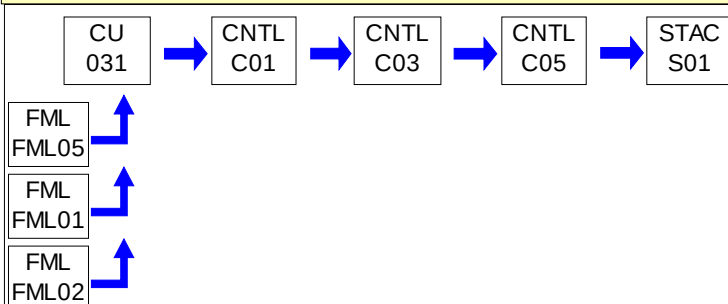
Section H. Miscellaneous

**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	PYROPOWER UNIT 1	600.000 MMBTU/HR	
032	PYROPOWER UNIT 2	600.000 MMBTU/HR	
DFP	DIESEL FIRE PUMP	2.100 MMBTU/HR	
ALS	ASH LOADING SYSTEM		
ASL	ASH SILO		
BAC	BOTTOM ASH CONVEYOR		
CC	CULM CRUSHER		
CT	COOLING TOWER		
FFS1	FLY ASH FILTER SEPARATOR #1		
FFS2	FLY ASH FILTER SEPARATOR #2		
FS	FUEL SILO/REVERSING CONVEYOR		
FTD	FUEL TRUCK DUMP/RECLAIM HOPPER		
FTR	FUEL TRUCK UNLOADING		
LBN	LIME BIN		
LSB	LIMESTONE BIN		
PKH	PORTABLE KEROSENE HEATERS (6)		
RDW	ROADWAYS		
SAB	SODA ASH BIN		
SP1	DAILY USE COAL REFUSE STORAGE PILE		
SP2	STRATEGIC RESERVE COAL REFUSE STORAGE PILE		
C01	BRANDT BAGHOUSE #1		
C02	BRANDT BAGHOUSE #2		
C03	PYROPOWER NO.1 LIMESTONE INJECTION		
C04	PYROPOWER NO.2 LIMESTONE INJECTION		
C05	PYROPOWER NO.1 THERMAL DENOX		
C06	PYROPOWER NO.2 THERMAL DENOX		
C07	RECLAIM HOPPER FABRIC FILTER		
C08	FUEL SILO FABRIC FILTER		
C09	BOTTOM ASH CONVEYOR FABRIC FILTER		
C10	LIMESTONE BIN FABRIC FILTER		
C11	LIMESTONE BIN FABRIC FILTER		
C12	ASH SILO FABRIC FILTER		
C13	SODA ASH BIN FABRIC FILTER		
C13	SODA ASH BIN FABRIC FILTER		
C14	LIME BIN FABRIC FILTER		
C15	ASH LOADING SYSTEM ROTOCLONE		
FML01	WINTER CULM PILE		
FML02	NO.2 FUEL OIL STORAGE - 50,000 GALLONS		
FML03	DIESEL FIRE PUMP STORAGE		
FML05	ACTIVE CULM PILE		
S01	STACK - PYROPOWER #1 & #2		
S03	STACK - ASH SILO		
S04	STACK - BOTTOM ASH CONVEYOR		

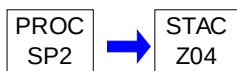
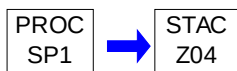
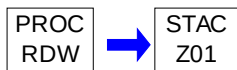
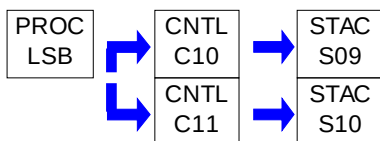
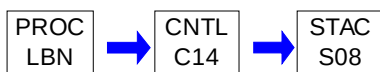
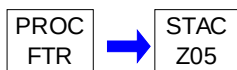
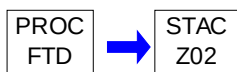
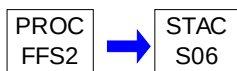
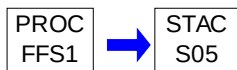
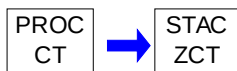
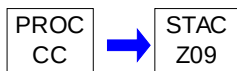
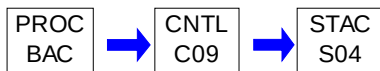
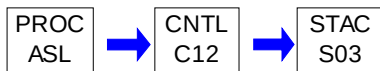
**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S05	STACK - FLY ASH SEPARATOR		
S06	STACK - FLYASH SEPARATOR #2		
S07	STACK - FUEL SILOS/CONVEYOR FABR		
S08	STACK - LIME BIN FABRIC		
S09	STACK - LIMESTONE BIN #1		
S10	STACK - LIMESTONE BIN #2		
S13	STACK - ASH LOADING SYSTEM		
Z01	ROADWAYS		
Z02	TRUCK UNLOADING		
Z04	WINTER STORAGE PILE		
Z05	FUEL TRUCK DUMP		
Z09	CULM CRUSHER FUGITIVE		
Z10	DIESEL FIRE PUMP STACK		
ZCT	COOLING TOWER STACK		

PERMIT MAPS



PERMIT MAPS



**SECTION B. General Plan Approval Requirements****#001 [25 Pa. Code § 121.1]****Definitions**

Words and terms that are not otherwise defined in this plan approval 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 § 127.12b (a) (b)]**Future Adoption of Requirements**

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]**Plan Approval Temporary Operation**

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 15 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]**Content of Applications**

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]**Public Records and Confidential Information**

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]**Plan Approval terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) 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.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

**SECTION B. General Plan Approval Requirements**

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

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

This plan approval may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

(a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.

(b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

(c) The permittee fails to submit a report required by this plan approval.

(d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The permittee, 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 plan approval, 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.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager

PA Department of Environmental Protection

(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(9) & 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 facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

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

**SECTION B. General Plan Approval Requirements**

- (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 the Environmental Protection Agency 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 plan approval 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.

#013 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

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

(Authorization for this condition is also derived from 40 CFR 52.21 (aa) and 25 Pa. Code Section 127.218)

1. The Plantwide Applicability Limits (PALs) for regulated NSR pollutants PM- filterable particulate, PM10- filterable and condensable particulate, PM2.5- filterable and condensable particulate, SO₂, NO_x, CO, Pb, Fluorides minus HF, H₂SO₄ and greenhouse gases (GHGs) and Non Attainment Pollutant NO_x are established for the following sources at the facility.

AMS Source ID #	Emission Source
031	PYROPOWER UNIT 1
032	PYROPOWER UNIT 2
DFP	DIESEL FIRE PUMP
ALS	ASH LOADING SYSTEM
ASL	ASH SILO
BAC	BOTTOM ASH CONVEYOR
CC	CULM CRUSHER
CT	COOLING TOWER
FFS1	FLY ASH FILTER SEPARATOR #1
FFS2	FLY ASH FILTER SEPARATOR #2
FS	FUEL SILO/REVERSING CONVEYOR
FTD	FUEL TRUCK DUMP/RECLAIM HOPPER
FTR	FUEL TRUCK UNLOADING
LBN	LIME BIN
LSB	LIMESTONE BIN
PKH	PORTABLE KEROSENE HEATERS
RDW	ROADWAYS
SAB	SODA ASH BIN
SP1	DAILY USE COAL REFUSE STORAGE PILE
SP2	STRATEGIC RESERVE COAL REFUSE STORAGE PILE

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

1. Pursuant to the requirements of 40 CFR § 52.21 (aa)(1), 40 C.F.R. 52.21(aa)(4) and 25 Pa. Code §127.218 (f), the following Plantwide Applicability Limit (PAL) is established for emissions of pollutants from the sources listed above at the facility.

PAL Pollutant	Emission Limitation TPY (12- month rolling sum)
PM Filterable	113.81
PM10 Filt + Condensable	86.12
PM2.5 Filt + Condensable	35.55
SO ₂	603.65
NO _x	586.85
CO	381.05
Fluorides (not including HF)	3.0
H ₂ SO ₄	15.15
Pb	0.03
CO ₂ e	1,116,217.64

i. Emissions shall include fugitive emissions, to the extent quantifiable, from all emissions units that emit or have the potential to emit the pollutant under the PAL limitations. (40 C.F.R. 52.21(aa)(4)(i)(d)), 25 Pa. Code §127.218 (g)

ii. Emission calculations for compliance purposes must include emissions from startups, shutdowns, and malfunctions. (40 C.F.R. 52.21(aa)(7)(iv)) & 25 Pa. Code §127.218 (g)

**SECTION C. Site Level Plan Approval Requirements**

iii. The effective date of the PAL corresponds to the effective date on the cover page.(40 C.F.R. 52.21(aa)(7)(ii) & 25 Pa. Code §127.218 (g))

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

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218 (g)(10).

The emissions from any new source, that requires a Plan Approval, shall be the minimum attainable through the use of Best Available Technology (BAT). A physical change or change in method of operation at an existing emissions unit will not be subject to BAT requirements of 25 Pa. Code Chapter 127 unless the emissions unit is modified so that the fixed capital cost of new components exceeds fifty percent of the fixed capital cost that would be required to construct a comparable entirely new emissions unit.

004 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The issuance of this Plan Approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this Plan Approval shall not be construed to limit the Department's enforcement authority.

005 [25 Pa. Code §139.1]**Sampling facilities.**

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

006 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218.

In accordance with 40 CFR 52.21 (aa)(9) & 25 Pa. Code §127.218 (j), a PAL permit which is not renewed in accordance with the procedures in 40 CFR 52.21 (aa)(9) (i) through (v) & 25 Pa. Code §127.218 (g) expires at the end of the PAL effective period and the following requirements apply:

(i) Each emissions unit (or each group of emissions units) that existed under the PAL shall comply with an allowable emission limitation under a revised permit established according to the procedures in paragraphs (aa)(9)(i)(a) and (b) of this section.

(a) Within the time frame specified for PAL renewals in paragraph (aa)(10)(ii) & 25 Pa. Code §127.218 (j), the major stationary source or GHG-only source shall submit a proposed allowable emission limitation for each emissions unit (or each group of emissions units, if such a distribution is more appropriate as decided by the Department) by distributing the PAL allowable emissions for the major stationary source or GHG-only source among each of the emissions units that existed under the PAL. If the PAL had not yet been adjusted for an applicable requirement that became effective during the PAL effective period, as required under paragraph (aa)(10)(v) & 25 Pa. Code §127.218 (j), such distribution shall be made as if the PAL had been adjusted.

(b) The Department shall decide whether and how the PAL allowable emissions will be distributed and issue a revised permit incorporating allowable limits for each emissions unit, or each group of emissions units, as the Department determines is appropriate.

(ii) Each emissions unit(s) shall comply with the allowable emission limitation on a 12-month rolling basis. The Department may approve the use of monitoring systems (source testing, emission factors, etc.) other than CEMS, CERMS, PEMS, or CPMS to demonstrate compliance with the allowable emission limitation.

(iii) Until the Department issues the revised permit incorporating allowable limits for each emissions unit, or each group of

**SECTION C. Site Level Plan Approval Requirements**

emissions units, as required under paragraph (aa)(9)(i)(b) & 25 Pa. Code §127.218 (j), the source shall continue to comply with a source-wide, multi-unit emissions cap equivalent to the level of the PAL emission limitation.

(iv) Any physical change or change in the method of operation at the major stationary source or GHG-only source will be subject to major NSR requirements if such change meets the definition of major modification in paragraph (b)(2) of this section.

(v) The major stationary source or GHG-only source owner or operator shall continue to comply with any State or Federal applicable requirements (BACT, RACT, NSPS, etc.) that may have applied either during the PAL effective period or prior to the PAL effective period except for those emission limitations that had been established pursuant to paragraph (r)(4) of this section, but were eliminated by the PAL in accordance with the provisions in paragraph (aa)(1)(ii)(c) & 25 Pa. Code §127.218 (j).

007 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218.

In accordance with 40 CFR 52.21 (aa)(11) & 25 Pa. Code §127.218 (l)

(i) The Department may increase a PAL emission limitation only if the major stationary source or GHG-only source complies with the following:

(a) The owner or operator of the major stationary source or GHG-only source shall submit a complete application to request an increase in the PAL limit for a PAL major modification. Such application shall identify the emissions unit(s) contributing to the increase in emissions so as to cause the major stationary or GHG-only source's emissions to equal or exceed its PAL.

(b) As part of this application, the major stationary source or GHG-only source owner or operator shall demonstrate that the sum of the baseline actual emissions of the small emissions units, plus the sum of the baseline actual emissions of the significant and major emissions units assuming application of BACT equivalent controls, plus the sum of the allowable emissions of the new or modified emissions unit(s) exceeds the PAL. The level of control that would result from BACT equivalent controls on each significant or major emissions unit shall be determined by conducting a new BACT analysis at the time the application is submitted, unless the emissions unit is currently required to comply with a BACT or LAER requirement that was established within the preceding 10 years. In such a case, the assumed control level for that emissions unit shall be equal to the level of BACT or LAER with which that emissions unit must currently comply.

(c) The owner or operator obtains a major NSR permit for all emissions unit(s) identified in paragraph (aa)(11)(i)(a) of this section, regardless of the magnitude of the emissions increase resulting from them (that is, no significant levels apply). These emissions unit(s) shall comply with any emissions requirements resulting from the major NSR process (for example, BACT), even though they have also become subject to the PAL or continue to be subject to the PAL.

(d) The PAL permit shall require that the increased PAL level shall be effective on the day any emissions unit that is part of the PAL major modification becomes operational and begins to emit the PAL pollutant.

(ii) The Department shall calculate the new PAL as the sum of the allowable emissions for each modified or new emissions unit, plus the sum of the baseline actual emissions of the significant and major emissions units (assuming application of BACT equivalent controls as determined in accordance with paragraph 52.21 (aa)(11)(i)(b) & 25 Pa. Code §127.218 (l)(2)), plus the sum of the baseline actual emissions of the small emissions units.

(iii) The PAL permit shall be revised to reflect the increased PAL level pursuant to the public notice requirements of paragraph 52.21 (aa)(5) & 25 Pa. Code §127.218 (l) (3).

**SECTION C. Site Level Plan Approval Requirements****# 008 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]****Subpart A--General Provisions****Actual PALs**

(a) In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(AA)(7) & 25 Pa. Code §127.218(g), if the permittee applies to renew the PAL in accordance with 40 CFR 52.21(AA)(10) & 25 Pa. Code §127.218(k) before the end of the PAL effective period, the PAL permit does not expire at the end of the PAL effective period. The PAL permit remains in effect until the Department issues a revised PAL permit.

(b) In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(AA)(7) & 25 Pa. Code §127.218(g), upon expiration of the PAL permit, the permittee is subject to the requirements of 40 CFR 52.21(AA)(9) & 25 Pa. Code §127.218(j).

009 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218 (a)(4).

In accordance with 25 Pa. Code Section 127.218 (a)(4) & 40 CFR 52.21 (AA)(1)(iii), the permittee shall continue to comply with applicable Federal or State requirements, emissions limitations and work practice requirements that were established prior to the PAL effective date.

II. TESTING REQUIREMENTS.**# 010 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

All data used to establish the site specific PAL pollutants emissions factors must be re-validated through performance testing or other scientifically valid means approved by the Department. The performance testing only applies to the CFB Boiler and must occur at least once every 5 years after issuance of the PAL. (40 C.F.R. 52.21(aa)(12)(ix), & 25 Pa. Code §127.218 (m)).

011 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The Permittee shall have conducted or will conduct performance tests (as described in 40 CFR § 60.8) on CFB Boiler for PM emissions to establish site specific emission factors for the unit. The Permittee shall use the most recent HF performance test for the CFB Boiler to estimate Flouride emissions, not including HF, in accordance with the procedure in condition #16.

012 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Department reserves the right to require stack testing to establish site-specific emissions factors for units added or modified after issuance of this permit.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

If requested by the Department, the permittee shall perform a stack test, in accordance with the provisions of the most current publication of the DEP Source Testing Manual and 25 Pa. Code, Chapter 139 of the Rules and Regulations of the Department of Environmental Protection, at such locations and intervals of time as the department may reasonably prescribe and to provide the department with the results of such testing.

014 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

All sampling, testing and analyses performed in compliance with the requirements of any section of this permit shall be done in accordance with General Title V Requirement #021.

**SECTION C. Site Level Plan Approval Requirements****III. MONITORING REQUIREMENTS.****# 015 [25 Pa. Code §127.12b]****Plan approval terms and conditions.****Fuel Usage Data**

A. If fuel usage data which is monitored continuously is missing or invalid (as determined through review of plant records), data shall be filled for each day of missing/invalid data. If less than 10 percent of days for a given month have missing data, the missing days shall be filled using the average of the days immediately preceding and following the missing period. If 10 percent or more of days for a given month are missing data, the data shall be filled using the maximum daily fuel usage recorded during that month and the missing data will be reported as a deviation.

B. If fuel usage data which is monitored monthly is missing, data shall be filled for the entire missing month with the maximum monthly fuel usage for the given unit during the preceding 12-month period. The missing data will be reported as a deviation.

016 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

In order to demonstrate compliance with the PAL limitations for the pollutant, the owner or operator shall use following emissions factors or methods to calculate emissions from the affected sources.

1. Pyropower Units #1 & #2 (Source ID 031)

PM Filterable: Use of most recent stack test emissions results (lb/MMBtu or lb/hr) and either monthly operating hours or monthly heat input, as appropriate, converted to tons (ton/month).

PM10 filt shall be calculated as, 1 x PM filterable (as reported in most recent Method 5 test program or MATS FPM test program) or using the most recent Method 201A test.

PM2.5 filt shall be calculated as, 0.41 x PM filterable (as reported in most recent Method 5 test program or MATS FPM test program, or using the most recent Method 201A test.

PM Conde - shall be calculated using most recent Method 202 Stack Test Results.

SO2 shall be calculated by using CEMS measurements, totaled monthly (lb/month) converted to tons (ton/month).

NOX shall be calculated using CEMS measurements, totaled monthly (lb/month) converted to tons (ton/month).

CO shall be calculated using CEMS measurements, totaled monthly (lb/month) converted to tons (ton/month).

Fluorides minus HF shall be calculated by multiplying the most recent stack test for HF by the factor 0.00157% as derived from the DOE study, "A Study of Toxic Emissions from a Coal-Fired Power Plant Utilizing an ESP While Demonstrating the ICCT-CT-121 FGD Project, Final Report".

H2SO4 emissions shall be calculated using SO2 CEMS data and the H2SO4 fractional emissions factors from AP-42, Table 1.1-3, footnote b, which equates to H2SO4 being 1.13% of the SO2 emissions, or alternatively, as the most recent stack test for H2SO4.

Pb emissions shall be calculated using emission factor derived from site-specific most recent stack test data.

CO2e emissions shall be calculated using Global warming potentials of CO2 = 1, CH4 = 25, and N2O = 298 as per 40CFR Part 98 Equation A-I.

CO2 emissions shall be calculated using CEMS measurements, totaled monthly.

CH4 GHGs emissions shall be calculated using monthly heat input or default high heating values (HHVs) of the fuel and using default emissions factors as defined in 40 CFR Part 98 Subpart C, converted to tons (ton/month).

**SECTION C. Site Level Plan Approval Requirements**

N₂O GHGs emissions shall be calculated using monthly heat input or default high heating values (HHVs) of the fuel and using default emissions factors as defined in 40 CFR Part 98 Subpart C, converted to tons (ton/month).

In the event of missing data from any CEMS, Part 75 data substitution procedures will be used for replacing the missing data.

2. Diesel Fire Pump (Source DFP)

PM₁₀ AP-42 Section 3.3

PM = PM₁₀

PM_{2.5} = PM₁₀

All other Non GHG pollutants - AP-42 Section 3.3

GHG Pollutants - 40 CFR Part 98, Subpart C

3. Ash Loading System (Source ID ALS)

PM = ALS EMISSION FACTOR X TONS OF ASH ENTERING PUGMILL

ALS EMISSION FACTOR = .0097 LBS PM EMITTED FROM ROTOCLONE PER TON OF ASH ENTERING PUGMILL

PM₁₀ = PM

PM_{2.5} = 0.5 X PM₁₀

4. Ash Silo (Source ID ASL)

PM = ASL operating hours x .02 gr PM/scf x 1849 scfm x 60 ÷ 7000 = lbs PM

PM₁₀ = PM

PM_{2.5} = 0.5 X PM₁₀

5. Bottom Ash Conveyor (Source ID BAC)

PM = BAC operating hours x .02 gr PM/scf x 2400 scfm x 60 ÷ 7000 = lbs PM

PM₁₀ = 0.38 X PM

PM_{2.5} = 0.04 X PM₁₀

6. Culm Crusher

PM = 5.0E-04 times % of fuel crushed times total fuel processed (tons) = lbs. PM

PM₁₀ = 0.4 X PM

PM_{2.5} = 0.02 X PM

7. Fly Ash Separators #1 and #2 (Source ID FFS1)

PM = Fly Ash Separator operating hours x .02 gr PM/scf x 3360 scfm x 60 ÷ 7000 = lbs PM

**SECTION C. Site Level Plan Approval Requirements**

PM₁₀ = PM

PM_{2.5} = 0.5 X PM

8. Fuel Silo/Reversing Conveyor

PM = 1.41E-07 lb/ton of fuel processed (AP-42 factors with 99.9% control)

PM₁₀ = 0.33 X PM

PM_{2.5} = 0.10 X PM

9. Fuel Truck Dump/Reclaim Hopper

PM = 0.0085 lb/ton of fuel processed (AP-42 factors with 99.9% control)

PM₁₀ = 0.56 X PM

PM_{2.5} = 0.05 X PM

10. Fuel Truck Unloading

PM = 0.00166 lbs/ton of fuel unloaded (AP-42 13.2.4)

PM₁₀ = 0.47 X PM

PM_{2.5} = 0.07 X PM

11. Lime bin

PM = 0.04 gr/hr times flow (1,000 scfm) = 0.343 lbs/hr times hours of filling

PM₁₀ = PM

PM_{2.5} = 0.5 PM

12. Limestone bin

PM = 10 gr/dscf times flow (2,400 scfm) (1-99.99% control) = 0.021 lbs./hr times hours of filling.

PM₁₀ = PM

PM_{2.5} = 0.5 PM

13. Roadways

PM, PM₁₀, and PM_{2.5} – Use AP-42 Section 13.2.1 and 13.2.2 for paved and unpaved roads

14. Cooling Tower

PM = AP-42 Section 13.4

PM₁₀ = 0.5 X PM

PM_{2.5} = 0.01 X PM

**SECTION C. Site Level Plan Approval Requirements****15. Soda Ash Bin**

PM = 0.04 gr/dscf times flow (1,000 scfm) = 0.343 lbs./hr times hours of filling.

PM₁₀ = PM

PM_{2.5} = 0.5 PM

16. Daily Use Coal Refuse Storage Pile

PM, PM₁₀, and PM_{2.5} – Use AP-42 Section 13.2.5.

17. Strategic Reserve Coal Pile

PM, PM₁₀, and PM_{2.5} – Use Western Regional Air Partnership's Fugitive Dust Handbook, Section 9.3, alternate method 9/7/2006

**# 017 [25 Pa. Code §127.12b]
Plan approval terms and conditions.**

1. The company must record and report maximum potential emissions without considering enforceable emission limitations or operational restrictions for an emissions unit during any period of time that there is no monitoring data, unless another method for determining emissions during such periods is specified in this permit. (40 C.F.R. 52.21(aa)(12)(vii) & 25 PA Code, Section 127.218((m)(10)). Part 75 Data Substitution is specifically approved for this purpose.

2. The company shall report unauthorized, accidental or emergency releases of air pollutants; malfunctions of equipment, the maintenance of which is necessary to meet plan approval requirements or emission limitations; instances of exceeding permit terms or conditions or regulatory requirements found during routine plant maintenance, whether or not the Department is aware of the situation; instances of exceeding permit terms or conditions or regulatory requirements recorded by continuous monitoring equipment; or other departures from the requirements of the act, regulations adopted under the act, terms or conditions of operating permits or plan approvals, or Department orders within one (1) hour of having knowledge of the occurrence of such an event. The reporting of such an event shall include the probable cause of the event(s) and corrective actions or preventive measures taken in order to address the event(s). A written report describing the event and the preventative or corrective actions taken to address the event shall be submitted to the Department within five (5) working days following the event. The Department may take enforcement action for any violations of the applicable provisions of the Air Pollution Control Act, regulations adopted under the Act, terms or conditions of operating permits or plan approvals and Department orders. This reporting requirement in no way supersedes or eliminates any other applicable federal or state reporting requirements.

3. Any changes in the location of the aforementioned source, or any changes in the process or control equipment would be considered a modification and would require the submittal of an amended application for plan approval in accordance with the provisions of 25 Pa. Code 127.11 and 127.12.

4. Any deviation shall be reported as per the requirements of 40 CFR 52.21(14)(ii) & 25 PA Code, Section 127.218 (o)(3).

5. Pursuant to the requirement of 40 CFR 52.21(14)(iii) & 25 Pa Code, Section 127.218 (o)(4), the company shall submit to the Department the results of any revalidation test or method within three (3) months after completion of such test or method.

6. Any notification as a result of any condition herein should be directed to:

Air Quality Program Manager
Department of Environmental Protection
2 Public Square
Wilkes-Barre, PA 18701-1915

**SECTION C. Site Level Plan Approval Requirements****# 018 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

Monitoring and related recordkeeping and reporting requirements.

At least weekly, visual emission checks of each emission point subject to an opacity limit (excluding sources monitored by an Opacity CEM) shall be conducted during periods of normal facility operation for a sufficient time interval to determine if the unit has visible emissions using 40 CFR 60 Appendix A, Method 22. If sources of visible emissions are identified during the survey, or at any other time, the permittee shall conduct a 40 CFR 60 Appendix A, Method 9 evaluation within one month. A Method 9 evaluation shall not be required if the visible emission condition is corrected in a timely manner and the units are operating at normal operating conditions. A record of each visible emission check required above shall be maintained on site for a period of no less than five (5) years. Said record shall include, but not be limited to, the date, time, name of emission unit, the applicable visible emissions requirement, the results of the check, what action(s), if any, was/were taken, and the name of the observer.

The permittee shall monitor visible emissions from sources subject to an opacity limit (excluding sources covered by an Opacity CEM) in accordance with the following procedures, test methods and frequencies:

(a) EPA Method 9 shall be used to determine opacity. Prior notification and a pre-test plan are not required to be submitted for each test or survey conducted.

(b) The permittee shall use the following monitoring schedule for conducting the visible emissions tests required by this condition:

i. The initial monitoring frequency for performing visible emission tests is once per week.

ii. If the tests conducted during six (6) consecutive weeks of operation show opacity within the applicable limits, the tests need only be done once per month;

iii. If the tests conducted during four (4) consecutive months of operation show opacity within the applicable limits, the tests need only be done once per quarter;

iv. If an exceedance occurs, the tests for the exceeding monitoring point will start over with weekly checks according to the monitoring frequency above.

(c) All visible emissions tests shall be conducted during operating conditions that have the potential to create visible emissions.

(d) If the observer is unable to conduct the tests due to unit downtime, visual interference's caused by other visible emission sources (e.g. fugitive emissions during high wind conditions), or due to weather conditions such as fog, heavy rain, or snow, the observer shall note such conditions on the data observation sheet and make at least three (3) attempts to conduct the tests at approximately 2-hour intervals throughout the day. The permittee shall attempt to make the observations daily until a valid observation period is completed.

(e) A record of each visible emission test required above shall be maintained on site for a period of no less than five (5) years. Said record shall include, but not be limited to, the date, time, name of emission unit, the applicable visible emissions requirement, the results of the test, what action(s), if any, was/were taken, and the name of the observer.

019 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

The permittee shall conduct weekly inspections of the facility perimeter, during daylight hours when the plant is in operation, to determine the presence of fugitive emissions visible beyond the boundaries of the facility.

020 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(AA)((7) & (12) & 25 Pa. Code §§127.218(g)

**SECTION C. Site Level Plan Approval Requirements**

and (m), the permittee shall calculate the total emissions from the facility on a monthly basis and a 12-month rolling sum for PAL pollutants.

021 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218 (m).

In accordance with the provision of 40 CFR 52.21(AA)(12)(ii) & 25 PA Code section 127.218 (m)(5) the following are acceptable general monitoring approaches when conducted in accordance with the minimum requirements in the following paragraphs:

(i) Mass balance calculations for activities using coatings or solvents.

(ii) CEMS.

(iii) CPMS or PEMS.

(iv) Emission factors.

1. In accordance with the provision of 40 CFR 52.21 (AA)(12)(iii) & 25 PA Code section 127.218 (m)(6), an owner or operator of a major facility using mass balance calculations to monitor PAL emissions from activities using coating or solvents shall meet the following requirements:

(i) Provide a demonstrated means of validating the published content of the PAL pollutant that is contained in or created by all materials used in or at the emissions unit.

(ii) Assume that the emissions unit emits all of the PAL pollutant that is contained in or created by any raw material or fuel used in or at the emissions unit, if it cannot otherwise be accounted for in the process.

(iii) If the vendor of a material or fuel used in or at the emissions unit publishes a range of pollutant content from the material, the owner or operator shall use the highest value of the range to calculate the PAL pollutant emissions unless the Department determines, in writing, that there is site-specific data or a site-specific monitoring program to support another content within the range.

2. In accordance with the provision of 40 CFR 52.21(AA)(12)(iv) & 25 PA Code section 127.218 (m)(7), an owner or operator of a major facility using a CEMS to monitor NNSR NOX PAL emissions shall meet the following requirements:

(i) The CEMS must comply with applicable performance specifications found in 40 CFR Part 60, Appendix B (relating to performance specifications).

(ii) The CEMS must sample, analyze and record data at least every 15 minutes while the emissions unit is operating.

3. In accordance with the provision of 40 CFR 52.21 (AA)(12)(v) & 25 PA Code section 127.218 (m)(8), an owner or operator of a major facility using a CPMS or PEMS to monitor PAL pollutant emissions shall meet the following requirements:

(i) The CPMS or PEMS must be calibrated based on current site-specific data demonstrating a correlation between the monitored parameters and the PAL pollutant emissions across the range of operation of the emissions unit.

(ii) Each CPMS or PEMS must sample, analyze and record data at least every 15 minutes or other less frequent interval approved in writing by the Department, while the emissions unit is operating.

4. In accordance with the provision of 40 CFR 52.21(AA)(12)(vi) & 25 PA Code section 127.218 (m)(9), an owner or operator of a major facility using emission factors to monitor PAL emissions shall:

**SECTION C. Site Level Plan Approval Requirements**

(i) Adjust the emission factors to account for the degree of uncertainty or limitations in the development of the factors.

(ii) Operate the emissions unit within the designated range of use for the emission factor, if applicable.

(iii) Conduct validation testing to determine a site-specific emission factor within 180 operating days of PAL permit issuance, unless the Department determines, in writing, that testing is not required.

5. In accordance with the provision of 40 CFR 52.21 (AA)(12)(vii) & 25 PA Code section 127.218 (m)(10), an owner or operator of a facility shall record and report maximum potential emissions without considering enforceable emissions limitations or operational restrictions for an emissions unit during a period of time that there is no monitoring data, unless another method for determining emissions during these periods is specified in the PAL permit. Part 75 Data Substitution is specifically approved for this purpose.

6. In accordance with the provision of 40 CFR 52.21(AA)(12)(viii) & 25 PA Code section 127.218 (m)(11), if an owner or operator of an emissions unit cannot demonstrate a correlation between the monitored parameters and the PAL pollutant emissions rate at the operating points of the emissions unit, the Department will, at the time of permit issuance, either:

(i) Establish default values for determining compliance with the PAL permit based on the highest potential emissions reasonably estimated at the operating points.

(ii) Determine that operation of the emissions unit during operating conditions when there is no correlation between monitored parameters and the PAL emissions is a violation of the PAL permit.

7. In accordance with the provision of 40 CFR 52.21(AA)(12)(ix) & 25 PA Code section 127.218 (m)(12), data used to establish the PAL must be revalidated through performance testing or other scientifically valid means approved in writing by the Department. This testing must occur at least once every 5 years after issuance of the PAL permit. This applies to CFBs only.

022 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]

Subpart A--General Provisions

Actual PALs

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218(m)

Monitoring System for Emissions Units Added or Modified After PAL Issuance.

a. The owner or operator shall monitor emissions from emissions units added or modified after issuance of this permit in accordance with the provisions under 40 C.F.R. 52.21(aa)(12) & 25 Pa. Code Section 127.218(m).

b. The owner or operator must establish a monitoring system that accurately determines plantwide emissions for the PAL. The monitoring system must be based on sound science and meet generally acceptable scientific procedures for data quality and manipulation. Additionally, the information generated by the monitoring system must meet minimum legal requirements for admissibility in a judicial proceeding to enforce the PAL permit. Failure to use a monitoring system that meets the requirements of 40 C.F.R. 52.21(aa)(12) will render the PAL invalid. (40 C.F.R. 52.21(aa)(12)(i)(a), 40 C.F.R. 52.21(aa)(12)(i)(d))

c. The monitoring system for emissions units added or modified after issuance of the PSD PAL shall use one of the four general monitoring approaches in paragraphs (i) through (iv) of this subsection.

i. Mass balance calculations - The owner or operator using mass balance calculations to monitor PAL pollutant emissions from activities using coating or solvents shall meet the following requirements: (40 C.F.R. 52.21(aa)(12)(iii))

a. Provide a demonstrated means of validating the published content of the PAL pollutant that is contained in or created by all materials used in or at the emissions unit;

b. Assume that the emissions unit emits all of the PAL pollutant that is contained in or created by any raw material or fuel used in or at the emissions unit, if it cannot otherwise be accounted for in the process; and

**SECTION C. Site Level Plan Approval Requirements**

- c. Where the vendor of a material or fuel, which is used in or at the emissions unit, publishes a range of pollutant content from such material, the owner or operator must use the highest value of the range to calculate the PAL pollutant emissions unless the Department determines there is site-specific data or a site-specific monitoring program to support another content within the range.
- ii. CEMS - An owner or operator using CEMS to monitor PAL pollutant emissions shall meet the following requirements: (40 C.F.R. 52.21(aa)(12)(iv))
- a. CEMS must comply with applicable Performance Specifications found in 40 CFR part 60, appendix B; and
- b. CEMS must sample, analyze and record data at least every 15 minutes while the emissions unit is operating.
- iii. CPMS or PEMS - An owner or operator using CPMS or PEMS to monitor PAL pollutant emissions shall meet the following requirements: (40 C.F.R. 52.21(aa)(12)(v))
- a. The CPMS or the PEMS must be based on current site-specific data demonstrating a correlation between the monitored parameter(s) and the PSD PAL pollutant emissions across the range of operation of the emissions unit; and
- b. Each CPMS or PEMS must sample, analyze, and record data at least every 15 minutes, or at another less frequent interval approved by the Director, while the emissions unit is operating.
- iv. Emissions Factors - An owner or operator using emission factors to monitor PAL pollutant emissions shall meet the following requirements: (40 C.F.R. 52.21(aa)(12)(vi))
- a. All emission factors shall be adjusted, if appropriate, to account for the degree of uncertainty or limitations in the factors' development;
- b. The emissions unit shall operate within the designated range of use for the emission factor, if applicable; and
- c. If technically practicable, the owner or operator of a significant emissions unit that relies on an emission factor to calculate PAL pollutant emissions shall conduct validation testing to determine a site-specific emission factor within 6 months of PAL permit issuance, unless the Department determines that testing is not required.
- d. Notwithstanding subsection (c) of this section and 40 C.F.R. 52.21(aa)(12)(i)(b) the owner or operator may also use an alternative monitoring approach that meets subsection (b) of this section and 40 C.F.R. 52.21(aa)(12)(i)(a) if approved by the Department. (40 C.F.R. 52.21(aa)(12)(i)(c)) & 25 Pa. Code Section 127.218(m)(2).
- e. The owner or operator shall submit the monitoring methods for new and modified emissions units in accordance with the provisions of this plan approval.
- f. The owner or operator must record and report maximum potential emissions without considering enforceable emission limitations or operational restrictions for an emissions unit during any period of time that there is no monitoring data, unless another method for determining emissions during such periods has been specified under permit. (40 C.F.R. 52.21(aa)(12)(vii)) & 25 Pa. Code Section 127.218(m)(10). Part 75 Data Substitution is specifically approved for this purpose.
- g. All data used to establish the PAL pollutant must be re-validated through performance testing or other scientifically valid means approved by the Department. Such testing must occur at least once every 5 years after issuance of the PAL. (40 C.F.R. 52.21(aa)(12)(ix)) & 25 Pa. Code Section 127.218(m)(12). This provision only applies to the CFBs.

IV. RECORDKEEPING REQUIREMENTS.**# 023 [25 Pa. Code §127.511]****Monitoring and related recordkeeping and reporting requirements.**

[Authority for this permit condition is also derived from 25 Pa. Code Section 127.218 and 40 CFR Section 52.21(aa)]

**SECTION C. Site Level Plan Approval Requirements**

The company shall maintain an emission tracking system to document compliance with the PAL for the facility. The tracking system shall record on a monthly basis fuel usage, emission rates and total monthly emissions for the pollutants from all the sources at the facility. Compliance with the PAL shall be determined through the use of total monthly fuel usage from the fuel meter readings, CEM data, USEPA emission factors and/or use of emission limitations as specified in this Plan Approval.

024 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.**

All records, reports and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with General Title V Requirement #022, Section (b), and shall be made available to the Department upon written or verbal request at a reasonable time.

025 [25 Pa. Code §127.511]**Monitoring and related recordkeeping and reporting requirements.****FUGITIVE AND VISIBLE EMISSIONS**

(a) The permittee shall, at the conclusion of each weekly inspection, record all occurrences of fugitive and/or visible emissions which deviate from the limitations in a log book.

(b) The permittee shall record any and all corrective action(s) taken to abate each recorded deviation or prevent future occurrences.

026 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218.

In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(AA)(7) and (13), (25 Pa. Code §§127.218(g) and (n), the permittee shall maintain records of the emissions from the facility necessary to determine compliance with the PAL, including a determination of the 12-month rolling total emissions for each emissions unit. The records shall be retained for five years.

027 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218.

a. The owner or operator shall retain the records required under this section and 40 C.F.R. 52.21(aa)(13) on site. Such records may be retained in an electronic format. (40 C.F.R. 52.21(aa)(7)(viii))

b. The owner or operator shall retain a copy of all records necessary to determine compliance with the requirements of this PSD PAL permit and of 40 C.F.R. 52.21(aa), including a determination of each emissions unit's 12-month rolling total emissions, for 5 years from the date of such record. (40 C.F.R. 52.21(aa)(13)(i))

c. The owner or operator shall retain a copy of the following records for the duration of the PAL effective period plus 5 years: (40 C.F.R. 52.21(aa)(13)(ii)).

i. A copy of the PAL permit application and any applications for revisions to the PAL; and

ii. Each annual certification of compliance pursuant to title V and the data relied on in certifying the compliance.

028 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218(g) and (o).

In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(AA)(7) and (14), 25 Pa. Code §§127.218(g)

**SECTION C. Site Level Plan Approval Requirements**

and (o), the permittee shall submit reports of deviations and exceedances of the PAL requirements.

V. REPORTING REQUIREMENTS.**# 029 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Authority for this permit condition is also derived from 25 Pa. Code Section 127.218 and 40 CFR Section 52.21(aa)]

The owner/operator shall show that the sum of the monthly emissions from each source including emissions from startup, shutdowns and malfunctions under the PALs for the previous 12 consecutive months is less than the PAL (a 12-month sum, rolled monthly) respectively. To determine the compliance with the PALs, the calculated pollutant(s) emissions for the month shall be added to the previous 11 months calculated pollutant (s) emissions for the total facility.

030 [25 Pa. Code §135.21]**Emission statements**

(a) The permittee shall provide the Department with a statement of each stationary source in a form as prescribed by the Department, showing the actual emissions of oxides of nitrogen and volatile organic compounds (VOCs) from the permitted facility for each reporting period, a description of the method used to calculate the emissions and the time period over which the calculation is based.

(b) The annual emission statements are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.

(c) 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 Air Pollution Control Act.

031 [25 Pa. Code §135.3]**Reporting**

(a) A person who owns or operates a source to which this chapter applies, and who has previously been advised by the Department to submit a source report, 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 preceding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that a source report is necessary shall submit an initial source report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

(c) 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.

032 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218(m).

Pursuant to the requirements of 40 C.F.R. 52.21(aa)(12)(vii), the owner or operator must record and report maximum potential emissions without considering enforceable emission limitations or operational restrictions for an emissions unit during any period of time that there is no monitoring data, unless another method for determining emissions during such periods. Part 75 Data Substitution is specifically approved for this purpose.

**SECTION C. Site Level Plan Approval Requirements****# 033 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]****Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218.

- a. The owner or operator shall submit the reports required under this section and 40 C.F.R. 52.21(aa)(14) by the required deadlines. (40 C.F.R. 52.21(aa)(7)(ix))
- b. The owner or operator shall submit semi-annual monitoring reports and prompt deviation reports to the Department in accordance with the title V operating permit. The reports shall meet the requirements in paragraphs (i) through (iii) of this subsection. (40 C.F.R. 52.21(aa)(14))
 - i. The semi-annual report shall be submitted to the Department by January 31 and August 1 of each year. The January 31 report shall be for the previous calendar year, and the August 1 report shall be for period of January 1 to June 30 of the current calendar year. The report shall contain the information required in subparagraphs (A) through (G) of this paragraph.
 - A. The identification of owner and operator and the permit number.
 - B. Total annual emissions (tons/year) based on a 12-month rolling total for each month in the reporting period recorded pursuant to subsection 6(b) of this permit and 40 C.F.R. 52.21(aa)(13)(i).
 - C. All data relied upon, including, but not limited to, any Quality Assurance or Quality Control data, in calculating the monthly and annual PAL pollutant emissions.
 - D. A list of new emissions units and modified emissions units that have become operational during the reporting period and a description of the monitoring method used to demonstrate compliance with the PAL limits, including the emissions factors used (if applicable), emissions calculations method, and monitoring frequency. The monitoring method must meet the requirements of this plan approval.
 - E. The number, duration, and cause of any deviations or monitoring malfunctions (other than the time associated with zero and span calibration checks), and any corrective action taken.
 - F. A notification of a shutdown of any monitoring system, whether the shutdown was permanent or temporary, the reason for the shutdown, the anticipated date that the monitoring system will be fully operational or replaced with another monitoring system, and whether the emissions unit monitored by the monitoring system continued to operate, and the calculation of the emissions of the pollutant or the number determined by methods included in this permit, as provided by 40 C.F.R. 52.21(aa)(12)(vii).
 - G. A signed statement by the responsible official (as defined by the applicable title V operating permit program) certifying the truth, accuracy, and completeness of the information provided in the report.
 - ii. The owner or operator shall promptly submit reports of any deviations or exceedance of the PAL requirements, including periods where no monitoring is available as indicated in this plan approval, in accordance with the reporting requirements of the Title V permit. The reports shall contain the following information:
 - A. The identification of owner and operator and the permit number;
 - B. The PAL requirement that experienced the deviation or that was exceeded;
 - C. Emissions resulting from the deviation or the exceedance; and
 - D. A signed statement by the responsible official certifying the truth, accuracy, and completeness of the information provided in the report.
 - iii. The owner or operator shall submit to the Department the results of any re-validation test or method within 60 days of

**SECTION C. Site Level Plan Approval Requirements**

completion of such test or method.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.**# 034 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

High heat content of fuel used at the facility shall be monitored on a quarterly basis and emissions calculations for demonstrating compliance shall use the most recent test results.

A. Missing test data shall be filled using the maximum test result for a given fuel from the preceding four valid test results. In addition, the missing data will be reported as a deviation.

035 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The Department shall have discretion to reopen the PAL permit for the following:

A. Reduce the PALs to reflect newly applicable Federal requirements with compliance dates after the PALs effective date (40 C.F.R 52.21(aa)(8)(b)(1)) and 25 Pa. Code §127.218(i));

B. Reduce the PALs consistent with any other requirement, that is enforceable as a practical matter, and that the Department may impose on the facility under the State Implementation Plan (40 C.F.R 52.21(aa)(8)(b)(2) and 25 Pa. Code §127.218(i)) and

C. Reduce the PALs if the Department determines that a reduction is necessary to avoid causing or contributing to a NAAQS or PSD increment violation, or to an adverse impact on an air quality related value that has been identified for a Federal Class I area by a Federal Land Manager and for which information is available to the general public. (40 C.F.R 52.21(aa)(8)(b)(3) and 25 Pa. Code §127.218(e)).

036 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

During the PAL effective period, the Department must reopen the PAL permit to:

i. Correct typographical/calculation errors made in setting the PAL or reflect a more accurate determination of emissions used to establish the PALs. (40 C.F.R 52.21(aa)(8)(ii)(a)(1)) & 25 Pa. Code §127.218(i); and

ii. Reduce the PALs if the owner or operator creates creditable emissions reductions for use as offsets under an approved non-attainment NSR program (40 C.F.R 52.21(aa)(8)(ii)(a)(2)); and 25 Pa. Code §127.218(i) and

iii. Revise the PALs to reflect an increase in the PALs if the Department decides to increase the PALs as provided under 40 C.F.R. 52.21(aa)(11) and 25 Pa. Code §127.218(l).

A. The owner or operator shall submit a complete application to request an increase in the PALs limits for a PALs major modification. Such application shall identify the emissions unit(s) contributing to the increase in emissions so as to cause the source's emissions to equal or exceed the PALs.

B. As part of the application, the owner or operator shall demonstrate that the sum of the baseline actual emissions of the small emissions units, plus the sum of the baseline actual emissions of the significant and major emissions units assuming application of BACT equivalent controls, plus the sum of the allowable emissions of the new or modified emissions unit(s) exceeds the PALs. The level of control that would result from BACT equivalent controls on each significant or major emissions unit shall be determined by conducting a new BACT analysis at the time the application is

**SECTION C. Site Level Plan Approval Requirements**

submitted, unless the emissions unit is currently required to comply with a BACT or LAER requirement that was established within the preceding 10 years. In such a case, the assumed control level for that emissions unit shall be equal to the level of BACT or LAER with which that emissions unit must currently comply.

C. The owner or operator shall obtain a major NSR permit for all emissions unit(s), regardless of the magnitude of the emissions increase resulting from them (that is, no significant levels apply). These emissions unit(s) shall comply with any emissions requirements resulting from the major NSR process, even though they have also become subject to the PAL or continue to be subject to the PAL.

D. The increased PAL level shall be effective on the day any emissions unit that is part of the PAL major modification becomes operational and begins to emit the pollutant.

037 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Pursuant 25 Pa. Code § 127.218(h), 40 C.F.R. 52.21(aa)(4)(i)(f), and 40 C.F.R. 52.21(aa)(8)(i) the PALs effective period will expire ten years after the effective date shown on the title/cover page of Plan Approval 48-00021B.

038 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The owner or operator must continue to comply with all other applicable Federal and State requirements, emission limitations, and work practice standards, including any obligation to obtain permits prior to constructing, modifying and operating any emissions unit.

039 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Any physical change or change in the method of operation at the facility will not be a major modification and will not have to be approved under 40 C.F.R. 52.21 and is not subject to the provisions 40 C.F.R. 52.21(r)(4) (restrictions on relaxing enforceable emission limitations that the major stationary source used to avoid applicability of the major NSR program), so long as the owner or operator maintains its total source-wide emissions of below the PAL limits established.

040 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

1. The permittee may not construct or modify a new source at the facility unless the "new source", as defined in 25 Pa. Code § 121.1, meets the Best Available Technology requirements established by the Department pursuant to Section 6.6 (c) of the Air Pollution Control Act and 25 Pa. Code § 127.11.

2. At no time (during or after the PAL effective period) are emissions reductions of a PAL pollutant, which occur during the PAL effective period, creditable as decreases for purposes of offsets unless the level of the PAL are reduced by the amount of such emissions reductions and such reductions would be creditable in the absence of the PAL.

041 [25 Pa. Code §127.512]**Operating permit terms and conditions.**

1. The company shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.

042 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218(k)

If the owner or operator submits a timely and complete application to renew the PALs in accordance with the requirements of 40 C.F.R. 52.21(aa)(10)(ii) & 25 Pa. Code Section 127.218(k), then the PAL shall not expire at the end of the PAL effective period. It shall remain in effect until a revised PAL permit is issued by the Department.

i. In accordance with the requirements of 40 C.F.R. 52.21(aa)(10)(ii) & 25 Pa. Code Section 127.218(k), the owner or

**SECTION C. Site Level Plan Approval Requirements**

operator shall submit a timely and complete application to the Department to request renewal of the PALs. A timely application is one that is submitted at least 6 months prior to, but not earlier than 18 months from, the date of permit expiration.

ii. The application to renew the PAL permit shall meet the requirements of 40 C.F.R. 52.21(aa)(10)(iii) & 25 Pa. Code Section 127.218(k).

043 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218 (k).

In accordance with 40 CFR 52.21(AA) (10) the following requirements apply to renewal of a PAL:

(a) The Department will follow the procedures specified in 40 CFR 52.21 (AA)(5) & 25 Pa. Code Section 127.218 (e) in approving a request to renew a PAL permit for a major facility, and will provide both the proposed PAL level and a written rationale for the proposed PAL level to the public for review and comment in accordance with the applicable public notice requirements in 25 Pa. Code Sections 127.44, 127.424 and 127.521. During the public review, a person may propose a PAL level for the major facility for consideration by the Department.

(b) An owner or operator of a major facility shall submit a timely application to the Department to request renewal of a PAL permit. A timely application is one that is submitted at least 6 months prior to, but not earlier than 18 months prior to the date of permit expiration. If the owner or operator of a major facility submits a complete application to renew the PAL permit within this time period, the PAL continues to be effective until the revised permit with the renewed PAL is issued.

(c) The application to renew a PAL permit must contain the following information:

(1) The information required in 25 Pa. Code Section, 127.218(b)(1)--(3) & 40 CFR 52.21 (AA)(3)

(2) A proposed PAL level

(3) The sum of the potentials to emit of the emissions units under the PAL

(4) Other information the owner or operator wishes the Department to consider in determining the appropriate level at which to renew the PAL.

(d) The Department will consider the options in subparagraphs (i) and (ii) in determining whether and how to adjust the PAL. In no case may the adjustment fail to comply with subparagraphs (iii) and (iv).

(i) If the emissions level calculated in accordance with 40 CFR 52.21 (AA)(6) & 25 Pa. Code Section 127.218 (f), referring to the established PAL, is equal to or greater than 80% of the PAL level, the Department may renew the PAL at the same level without considering the factors set forth in subparagraph (ii).

(ii) The Department may set the PAL at a level that it determines to be more representative of the facility's baseline actual emissions or that it determines to be appropriate considering air quality needs, advances in control technology, anticipated economic growth in the area, desire to reward or encourage the facility's voluntary emissions reductions or other factors specifically identified by the Department in its written rationale.

(iii) If the potential to emit of the major facility is less than the PAL, the Department will adjust the PAL to a level no greater than the potential to emit of the facility.

(iv) The Department will not approve a renewed PAL level higher than the current PAL unless the major facility has complied with 40 CFR 52.21 (AA)(11) & 25 Pa. Code 127.218 (l).

(e) If the compliance date for a State or Federal requirement that applies to the facility occurs during the PAL effective period and the Department has not already adjusted for this requirement, the PAL must be adjusted at the time of the PAL permit

**SECTION C. Site Level Plan Approval Requirements**

renewal or Title V permit renewal, whichever occurs first.

044 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218 (j)

If the PAL authorized by this permit is not renewed in accordance with the procedures in this plan approval and 40 C.F.R. 52.21(aa)(10) & 25 Pa Code Section 128.218(k), the PAL shall expire at the end of the PAL effective period and the requirements in 40 C.F.R 52.21(aa)(9)(i) through (v) & 25 PA Code, Section 127.218 (j) shall apply.

045 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.21 (aa)]**Subpart A--General Provisions****Actual PALs**

Authority for this permit condition is also derived from 25 Pa. Code Section 127.218(g).

In accordance with the plantwide applicability (PAL) provisions of 40 CFR 52.21(AA)(7) & 25 Pa. Code §127.218(g), the emissions from a new source that requires a plan approval shall be the minimum attainable through the use of Best Available Technology. A physical change or change in the method of operation of an existing emissions unit will not be subject to BAT requirements unless the emissions unit is modified so that the fixed capital cost of new components exceeds 50% of the fixed capital cost that would be required to construct an entirely new emissions unit.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

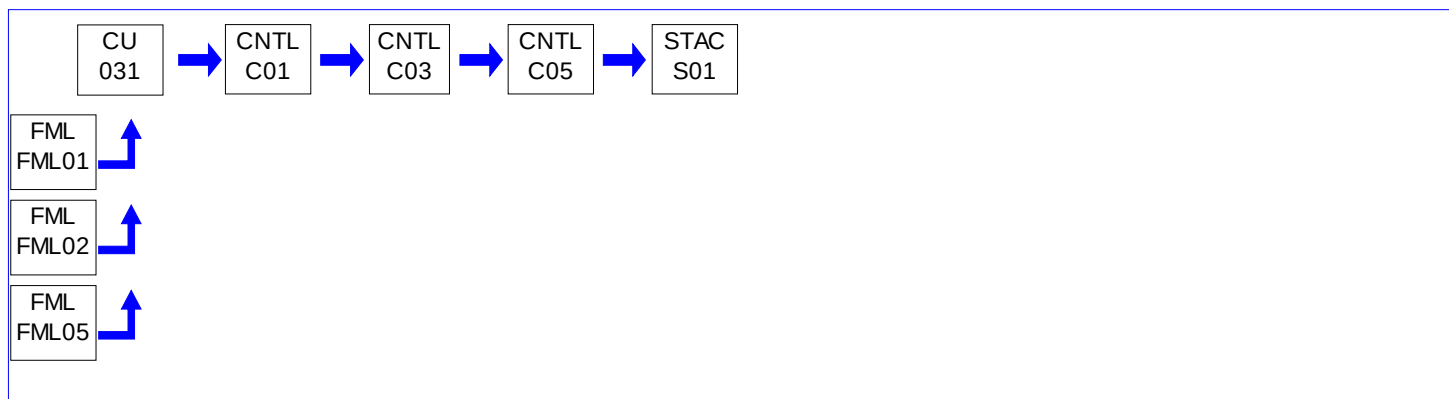
No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 031

Source Name: PYROPOWER UNIT 1

Source Capacity/Throughput: 600.000 MMBTU/HR

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

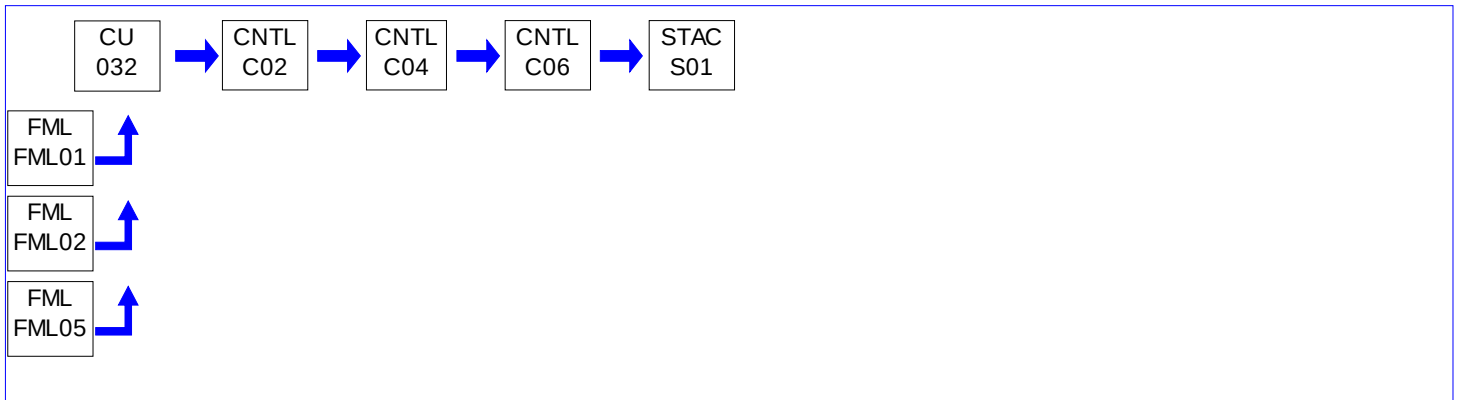
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 032

Source Name: PYROPOWER UNIT 2

Source Capacity/Throughput: 600.000 MMBTU/HR

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: DFP

Source Name: DIESEL FIRE PUMP

Source Capacity/Throughput:

2.100 MMBTU/HR

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

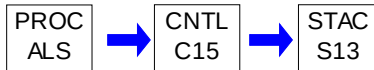
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: ALS

Source Name: ASH LOADING SYSTEM

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: ASL

Source Name: ASH SILO

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: BAC

Source Name: BOTTOMASH CONVEYOR

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

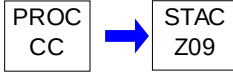
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: CC

Source Name: CULM CRUSHER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

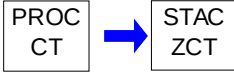
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: CT

Source Name: COOLING TOWER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

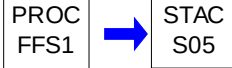
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: FFS1

Source Name: FLY ASH FILTER SEPARATOR #1

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

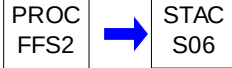
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: FFS2

Source Name: FLYASH FILTER SEPARATOR #2

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: FS

Source Name: FUEL SILO/REVERSING CONVEYOR

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

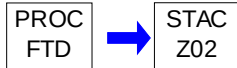
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: FTD

Source Name: FUEL TRUCK DUMP/RECLAIM HOPPER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

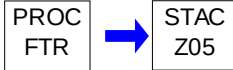
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: FTR

Source Name: FUEL TRUCK UNLOADING

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: LBN

Source Name: LIME BIN

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

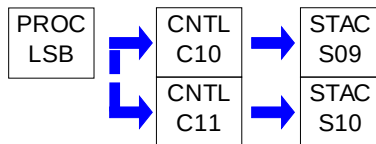
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: LSB

Source Name: LIMESTONE BIN

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: PKH

Source Name: PORTABLE KEROSENE HEATERS (6)

Source Capacity/Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

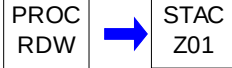
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: RDW

Source Name: ROADWAYS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: SAB

Source Name: SODA ASH BIN

Source Capacity/Throughput:

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

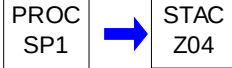
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: SP1

Source Name: DAILY USE COAL REFUSE STORAGE PILE

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

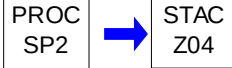
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements**

Source ID: SP2

Source Name: STRATEGIC RESERVE COAL REFUSE STORAGE PILE

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).



SECTION E. Source Group Plan Approval Restrictions.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.



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