GenOn

121 Champion Way
Canonsburg, PA 15317

Timothy.McKenzie@genon.com
Writer's Direct Dial Number
724-597-8670

August 29, 2011

Via Overnight Mail

RECEIVED
AUG 3 1 2011
Division Director (3AP00)

Mr. David W. Aldenderfer
Environmental Program Manager
Air Quality Program
PA Department of Environmental Protection
208 West Third Street – Suite 101
Williamsport, PA 17701-6448

Dear Mr. Aldenderfer:

Subject: Semi-Annual Report and Annual Compliance Certification Report
Shawville Generating Station Title V Operating Permit No. TVOP-17-00001

In accordance with Condition B #023 and B#024 of Title V Operating Permit No. TVOP-17-00001, please find enclosed the subject reports for the GenOn REMA, LLC (GenOn) Shawville Generating Station. GenOn conducted the monitoring required by Title V Permit No. TVOP-17-00001 during the reporting period and is identifying deviations in the attached Compliance Certification forms. The submission is comprised of the following:

A. Semiannual Monitoring and Deviation Report
B. Annual Compliance Certification

The compliance status for conditions referencing continuous emission monitoring (CEMS) systems as the means of determining compliance will only use the 25 PA Code, Chapter 139 data. The compliance status will be indicated as "intermittent" where the company has information to indicate that the subject limitation has been exceeded using the 25 PA Code, Chapter 139 emissions monitoring data.

If you have any questions, please contact me.

Sincerely,

Timothy E. McKenzie

Timothy E. McKenzie
Senior Air Quality Specialist

TEM/jm/TEM1412G

Enclosures

cc: Bruce Vandegrift – PADEP - District Office
US EPA – Region III

Attachment A
Semi-annual Monitoring and Deviation Report

From: Trivedi, Virendra [mailto:vtrivedi@state.pa.us]
Sent: Friday, May 29, 2009 10:25 AM
To: Shimshock, John
Cc: Kepner, Scott; Dao, Uyen; Davis, Ronald (DEP); Ramamurthy, Krishnan
Subject: RE: Semi-annual TVOP report

Attached form is adequate and you can use to report semi-annual TVOP reports.

Virendra Trivedi, Chief
NSR Section, Division of Permits, Bureau of Air Quality
Pennsylvania Department of Environmental Protection
Rachel Carson State Office Building
400 Market Street I Harrisburg, PA 17105-8468
Phone: 717-787-4325 I Fax: 717.783-2303
www.depweb.state.pa.us

----Original Message----
From: Shimshock, John [mailto:JShimshock@rrienergy.com]
Sent: Friday, May 29, 2009 10:18 AM
To: Trivedi, Virendra
Subject: Semi-annual TVOP report

Hi Virendra,
It was good to see you yesterday – thanks for your interest and help in obtaining the Department's approval of RRI Energy's proposed semi-annual TVOP report form. I spoke with Bill Weaver (SCRO) this morning, and I added a column to Part II (Deviations from Permit Requirements) that presents the duration of the reported deviation – please see the attached file. I would be grateful if you would please respond to this email with your approval to proceed with the use of this form on future submittals. We'll likely include a copy of this email exchange on the next submittal to help avoid any surprises and unexpected delays in processing. Thanks again for your help.
John

John Shimshock
Sr. Air Environmental Specialist
RRI Energy, Inc.
121 Champion Way, Suite 200
Canonsburg, PA 15317
(724) 597 - 8405 (Office)
(724) 344 - 3784 (Cell)

GENON ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

GenOn Energy Subsidiary Name:	GENON REMA, LLC	**Contact Person:**	TIMOTHY E. MCKENZIE
Plant Name:	SHAWVILLE GENERATING STATION	**Title:**	SR. AIR QUALITY SPECIALIST
Title V Operating Permit #:	17-00001	**Phone # and Email:**	(724)-597-8670 – Timothy.McKenzie@genon.com
Reporting Period Start:	01/01/2011	**Reporting Period End:**	06/30/2011

PART I **The reports of required monitoring are attached to this form. A list of the reports of required monitoring is presented below:**

TVOP Cond. #	Report Description
Sec. B/ #023 and Sec C/#014	Semi-annual Report of Required Monitoring and Deviations

PART II **A summary of deviations from permit requirements is presented below [1]:**

TVOP Cond. #	Source	Deviations from Permit Requirements				
		Nature and Probable Cause	Dates and Times	Duration	Monitoring Method(s)	Corrective Action(s)
Sec. B/#007	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below
Sec. C/#003	25 PA Code §123.41	031, 032, 033, &034	Opacity exceedances at S01 and S02, summarized in Attachment 1	Various dates identified in Attachment 1	COMS	Details identified in COMS quarterly reports

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1: For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

GENON ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

GenOn Energy Subsidiary Name:	GENON REMA, LLC	**Contact Person:**	TIMOTHY E. MCKENZIE
Plant Name:	SHAWVILLE GENERATING STATION	**Title:**	SR. AIR QUALITY SPECIALIST
Title V Operating Permit #:	17-00001	**Phone # and Email:**	((724)-597-8670 – Timothy.McKenzie@genon.com
Reporting Period Start:	01/01/2011	**Reporting Period End:**	06/30/2011

PART III Certification of Truth, Accuracy and Completeness by a Responsible Official Per 25 Pa. Code §127.402(d)

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.			
Name:	Matthew J. Pistner	**Title:**	Vice President
Signed:	Matthew J. Pistner	**Date:**	8/29/2011

This report must be signed by a responsible official. The owner/operator shall identify any other material information needed in this report to also comply with section 113(c)(2) of the Clean Air Act. This report does not include information pertaining to the submission of malfunction and CEM reports.

1: For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

Attachment 1

Attachment 1 – Semi-annual Monitoring and Deviation Report

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: GenOn REMA, LLC
LOCATION: Units 1 & 2 /O
SOURCE: STACK 2
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1530110
PARAMETER: ST_OPAC
QUARTER: 1
YEAR: 11

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
03/01/11	07	08	05	00	29	20	!!	03/03/11	09	08	04	00	31	20
03/11/11	10	08	02	01	69	11	!!	03/22/11	13	08	09	00	25	24
03/22/11	14	08	07	00	27	25	!!	04/10/11	15	08	04	00	44	20

PROCESS CODES (PC):

01= CHANGING FUELS
02= CONTROL EQUIP. MALF.
03= STARTUP
04= SHUTDOWN
05= CHANGING OPERATING LEVEL
06= CLEAN PROCESS EQUIP.
07= CLEAN CONTROL EQUIP.
08= NORMAL OPERATION
09= OTHER

Attachment 1 – Semi-annual Monitoring and Deviation Report

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: GenOn REMA, LLC
LOCATION: Units 3 & 4
SOURCE: STACK 3
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1540110
PARAMETER: OPAC
QUARTER: 1
YEAR: 11

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
02/14/11	10	08	01	04	94	84	!!	05/27/11	24	08	10	00	25	22
05/29/11	03	08	07	00	40	21	!!	05/29/11	07	08	06	00	31	24
05/30/11	15	08	04	00	23	20	!!	05/30/11	16	08	04	00	24	20
05/31/11	14	08	05	00	21	20	!!	05/31/11	15	08	08	00	21	20
06/02/11	10	08	05	00	44	22	!!	06/02/11	11	08	04	00	41	20

PROCESS CODES (PC):

01= CHANGING FUELS
02= CONTROL EQUIP. MALF.
03= STARTUP
04= SHUTDOWN
05= CHANGING OPERATING LEVEL
06= CLEAN PROCESS EQUIP.
07= CLEAN CONTROL EQUIP.
08= NORMAL OPERATION
09= OTHER

Attachment B
Annual Compliance Certification Report

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
COMPLIANCE CERTIFICATION FORM
(25 Pa. Code § 127.513)

Plant Name:	GENON REMA LLC/SHAWVILLE GENERATING STATION	**Owner/Operator:**	GENON REMA, LLC
Tax ID/Plant:	52-2154847-3	**DEP Facility ID:**	249235
Contact Person:	TIMOTHY E MCKENZIE	**Title:**	SR. AIR QUALITY SPECIALIST
Operating Permit #:	17-00001	**Phone Number:**	(724) 597-8670

For the period **07/01/2010 - 06/30/2011, GENON REMA LLC/SHAWVILLE GENERATING STATION** has been in continuous compliance with all applicable requirements of permit # **17-00001**, determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions:

Sect./Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)
Sec. B/#007	25 PA Code §127.512 (c)(1)	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below
Sec. C/#003	25 PA Code §123.41	031, 032, 033, & 034	Opacity exceedances at S01 and S02 summarized in Attachment 1	COMS	Various dates identified in Attachment 1	Details identified in COMS quarterly reports	Resumed normal operations

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AUG 31 2011
Division Director (3AP00)

REVIEWED AUG 31 2011
NOT ENTERED INTO AFS

Certification of Truth, Accuracy and Completeness

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.

Name:	Matthew J. Pistner	**Title:**	Vice President
Signed:	Matthew J. Pistner	**Date:**	8/29/2011

This certification must be signed by a responsible official. Any certification submitted without a valid signature will be returned.
The owner/operator shall identify any other material information needed in this certification to also comply with section 113(c)(2) of the Clean Air Act. If more spaces are needed, complete additional pages using the format shown in Addendum 1. This certification does not replace requirements pertaining to the submission of malfunction and CEM reports. DO NOT include that information on this form.

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
COMPLIANCE CERTIFICATION FORM
(25 Pa. Code § 127.513)

ADDENDUM 1

For the period **07/01/2010 - 06/30/2011, GENON REMA LLC/SHAWVILLE GENERATING STATION** has been in continuous compliance with all applicable requirements of permit # **17-00001**, determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions:

Sect./Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503] (Permit Renewal)	Section B	(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air M...	The Shawville Title V Operating Permit renewal Application was submitted to PADEP on April 28, 2005	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA] (Inspection and Entry)	Section B	(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following: (1) Enter at reasonable times upo...	Latest PADEP site visit was on August 1 – 4, 2011 with "In Compliance" status.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)] (Compliance Requirements)	Section B	(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following: (1) Enforcement action (2) Permit termination, revocation...	Company Policy COMS See Section C - I. Restrictions - Emission Restriction(s) -_ Visible air contaminants	☐Continuous ☒Intermittent
[25 Pa. Code §§ 127.411(d) & 127.512(c)(5)] (Duty to Provide Information)	Section B	(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. (b) Upon request, the ...	All information requested by the Department has been provided during this period.	☒Continuous ☐Intermittent
[25 Pa. Code § 127.541] (Significant Operating Permit Modifications)	Section B	When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.	No significant Title V permit modifications were necessary during this period	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.704, 127.705 & 127.707] (Fee Payment)	Section B	(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).	Title V emission fees in amount of $524,697.80 were paid on August 25, 2011.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual...		
[25 Pa. Code §§ 127.14(b) & 127.449] (Authorization for De Minimis Emission Increases)	Section B	(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written ...	There were no 7-day notices of de minimis emission increases during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.11a & 127.215] (Reactivation of Sources)	Section B	(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source wil...	No sources were reactivated during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 121.9 & 127.216] (Circumvention)	Section B	(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction,...	There were no projects that required NSR licensing.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.402(d) & 127.513(1)] (Submissions)	Section B	(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the: Regional Air Program Manager PA Department of Environmental Protection (At the address given on the permit transmittal letter, or otherwise notified) (b) Any repor...	Use of permit tickler system. All reports submitted on time.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA] (Sampling, Testing and Monitoring Procedures)	Section B	(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable re...	Use of Permit Tickler System. PADEP approved CEMS/DAHS in place, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC, PADEP's Source Testing Manual. All applicable monitoring and analysis procedures followed.	☒Continuous ☐Intermittent
[25 Pa. Code §§	Section B		All information requested	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
127.511 & Chapter 135] (Recordkeeping Requirements)		(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following: (1) The date, place (as defined in the permit) and time of sampling or measurements. (2) The dates the analyses were performed. ...	by the Department supplied. During inspection by the Department's Mr. B Vandegrift August 1 – 4, 2011 requested information was supplied.	☐Intermittent
[25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)] (Reporting Requirements)	Section B	(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean ...	Use of Permit Tickler System. All reports submitted on time, in accordance with The Department's November 13, 2000 correspondence, item a., Semi-annual reporting requirement.	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513] (Compliance Certification)	Section B	(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, includi...	These reports are submitted in accordance with the schedule specified by the Northcentral Regional Office and EPA Region III. Last report was submitted on August 30, 2010	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68] (Risk Management)	Section B	(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 S...	Risk Management Plan in place for the flue gas conditioining system anhydrous ammonia storage tanks.	☒Continuous ☐Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following: (1) Construction or demolition of buildings or structures. (2) Grading, paving and maintenance of roads and streets. (3) Use of roads and streets. Emissions from ...	Visual observations/ weekly inspections performed weekly as documented in station log book...	☒Continuous ☐Intermittent
[25 Pa. Code	Section C - I.	No person may permit fugitive particulate matter to be emitted	Visual observations/	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§123.2] (Fugitive particulate matter)	Restrictions - Emission Restriction(s)	into the outdoor atmosphere from a source specified in condition #001(a)(1) - (a)(7) above if the emissions are visible at the point the emissions pass outside the person's property.	weekly inspections performed weekly as documented in station log book...	☐Intermittent
[25 Pa. Code §123.41] (Limitations)	Section C - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following: (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour. (2) Equal to or greate...	Operator awareness Daily/Weekly inspections PADEP Certified COMS (one minute averages) but see deviations listed on page 1 of the attached Compliance Certification Form.	☐Continuous ☒Intermittent
[25 Pa. Code §123.42] (Exceptions)	Section C - I. Restrictions - Emission Restriction(s)	The emission limitations of 25 Pa Code Section 123.41 shall not apply when: (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations; (2) The emission results from the operation of equipment used solely to train and test persons in observing the o...	Operator awareness Daily/Weekly inspections. PADEP Certified COMS (on0e minute averages)/COMS RATA	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.22 and 127.511] The sulfur content of the #2 and lighter fuel oil delivered to this facility shall not exceed 0.5% (by weight).	Fuel Oil Contracts Specifications. Periodic sampling/analysis.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code 139.2 and 127.511] (a) At least 60 days prior to the scheduled performance of any stack testing required by this permit, the permittee shall submit a pretest plan to the Department for evaluation. This plan shall contain a...	All testing required by the permit during this period followed the 60 day test plan submission requirement.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall perform tests (in accordance with the provisions of 25 Pa. Code Chapter 139) or provide a fuel certification report of the percent sulfur by weight of each delivery of the fuel oil deliv...	Contracts Specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
[25 Pa. Code §139.1]	Section C - II. Testing	Upon the request of the Department, the person responsible for a source shall provide adequate sampling ports, safe sampling	No specific requests were received from the	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Sampling facilities.)	Requirements	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 fac...	Department during this period.	
[25 Pa. Code §139.11] (General requirements.)	Section C - II. Testing Requirements	(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department. (b) As specified in 25 Pa. Code ...	Details supplied in test protocols submitted to the Department	☒Continuous ☐Intermittent
[25 Pa. Code §123.43] (Measuring techniques)	Section C - III. Monitoring Requirements	Visible emissions may be measured using either of the following: (1) A device approved by the Department and maintained to provide accurate opacity measurements. (2) Observers, trained and certified, to measure plume opacity with the naked eye or with the aid of any devices approved by the Departm...	PADEP approved COMS/DAHS in place, Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC, and PADEPs CEMS Enforcement Policy.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspec...	Weekly facility inspection entries made in the Log Book on site. No deviations observed.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall maintain a logbook of the weekly facility inspections performed. The logbook shall include the name of the company representative performing the weekly inspection, the date and time of i...	Log Book maintained on site.	☒Continuous ☐Intermittent
[25 Pa. Code §135.5] (Recordkeeping)	Section C - IV. Recordkeeping Requirements	The permittee shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 135.3 and 135.21 (relating to reporting; and emissions statements). These may include records of production, fuel usage, maintenance of producti...	Certified CEMS/DAHS systems, AEI reports/emission fees/other station operations data.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit	Section C - V. Reporting Requirements	(a) The permittee shall submit the annual compliance certifications to the Department and EPA Region III, as specified in Condition #024 of Section B, General Title V Requirements,	These reports are submitted in accordance with the schedule specified	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		no later than September 1 (from July of the previous year through June of the current year). (b) The permittee shall s...	by the Northcentral Regional Office and USEPA Region III. The last report was submitted on August 30,2010.	
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - V. Reporting Requirements	Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department□s suggested format.	No requests of reports were received from the Department during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §127.442] (Reporting requirements.)	Section C - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report each malfunction that poses an imminent and substantial danger to the public health and safety or the environment or which it should reasonably believe may result in citizens ...	Malfunction reporting guideline in place. There were no reports necessary during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §135.21] (Emission statements)	Section C - V. Reporting Requirements	(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 me...	Included in the Annual Emission Inventory Report submitted via AES*XLM on 02/28/11.	☒Continuous ☐Intermittent
[25 Pa. Code §135.3] (Reporting)	Section C - V. Reporting Requirements	(a) A permittee to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) report, shall submit by March 1 of each year an annual AIMS report for the preceding calendar year. The report shall include...	CEMS/Station Operations data. AIMS (Air Emission Inventory) Report submitted via AES*XML on 02/28/11.	☒Continuous ☐Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - VI. Work Practice Standards	The permittee shall take all reasonable actions for any source specified in 25 Pa Code Section 123.1(a)(1-7) or (9) to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following: (1) Use, where possible, of water or chemicals for control of ...	PM program. Opearator awareness. Water truck operation & street sweeper.	☒Continuous ☐Intermittent
[25 Pa. Code §121.7] (Prohibition of air pollution.)	Section C - VII. Additional Requirements	No person may permit air pollution as that term is defined in the act (The Air Pollution Control Act (35 P.S. §§ 4001-4015)).	Company Policy	☒Continuous ☐Intermittent
[25 Pa. Code §123.31] (Limitations)	Section C - VII. Additional Requirements	No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.	Operator Awareness. Weekly facility inspection entries made in the Log Book on site.	☒Continuous ☐Intermittent
[25 Pa. Code	Section C - VII.	No person may permit the open burning of material at this facility	Station Operations policy	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§129.14] (Open burning operations)	Additional Requirements	unless in accordance with 25 Pa. Code Section 129.14.	prohibits opern burning.	☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 031 in excess of 0.1 pound per million Btu of heat input.	Stack tests on record with the Department..	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period when firing #2 fuel oil. (b) No person may permit the emission into the outd...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 031 shall not exceed the following limitations: (a) 0.50 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	The ammonia (NH3) emission rate from the exhaust of Source ID 031 shall not exceed 0.003 lbs/MMBTU of heat input.	Operational settings of the NH3 gas conditioning system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit. Also NH3 slip tests performed in October 2009.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [40 CFR Part 52	Section D - I. Restrictions - Emission	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 031 in excess of the rate of 4 pounds per million Btu of heat	Certified CEMS/DAHS in place. Central Control Room Alarm System,	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Restriction(s)	input at any time.	PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 031 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 031 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the document titled 'Guidance for Implementation of Emission Monitoring Requirements fo...	Certified CEMS/DAHS in place and CEMS QA/QC .	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Submittal of required test protocols for PADEP approval. PADEP's Source Testing Manual.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 031 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 031 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place, PADEP's Source Testing Manual, and CEMS QA/QC.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.113] (Source recordkeeping requirements.)	Section D - IV. Recordkeeping Requirements	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon requ...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter, sulfur oxides (SOx) and ammonia (NH3) emissions limitations for Source ID 031. (b) T...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual. Operational settings of the NH3 gas conditioning system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		(b) The permittee shall keep records, including data which clearly demons...		
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	NOx Budget Program replaced by CAIR Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.110] (Source compliance requirements.)	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with §123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from the NOX affe...	NOx Budget Program replaced by CAIR Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.-	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable reporting requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	No reclaimed or waste oil or oil that contains any waste material shall be used as fuel in the lighter associated with the low NOX burners of Source ID 031.	Station Operating Procedure forbids burning of waste oil.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 031 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 031.	Station Operating Procedures.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 031 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 031: Unit 1 is a 1954 vintage, Babcock Wilcox, dry bottom, front wall-fired, balanced draft, divided furnace drum type utility boiler. The boiler is fueled with pulverized bituminous coal or #2 oil. The air contaminant emissions from the subject boiler are controlled with: a NH3/SO3 inj...	There were no changes to this source during this period.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112] Source ID 031's NATS Account is 003131000001 the allowance allocation is 979 and Mr. James V. Locher is the account representative.	Replaced by CAIR. Shawville Station facility NOx annual allowance for CY2011 is 2,363 and NOx Ozone allowance is 913. Mr. J. Derek Furstenwerth was designated account representative but was replaced by Matt E. Greek on 12/14/2010. On 03/23/11 Mr. Greek was replaced by Mr. Edward A. Feith. On 04/21/11, Mr. Feith was replaced by Mr.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
			Matthew J. Pistner..	
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 031 is 4430.	Shawville Station facility SO2 annual allowance for CY2011 is 21,103 Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 032 in excess of 0.1 pound per million Btu of heat input.	Stack tests on record with the Department.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period when firing #2 fuel oil. (b) No person may permit the emission into the outd...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	The ammonia (NH3) emission rate from the exhaust of Source ID 032 shall not exceed 0.003 lbs/MMBTU of heat input.	Operational settings of the NH3 gas conditioning system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit. Also NH3 slip tests performed in October	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
			2009.	
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 032 shall not exceed the following limitations: (a) 0.50 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input at any time.	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 032 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 032 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the document titled 'Guidance for Implementation of Emission Monitoring Requirements fo...	Certified CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2	Section D - II. Testing	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511]	Submittal of required test protocols for PADEP	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Requirements	The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	approval. PADEP's Source Testing Manual.	
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 032 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 032 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place, PADEP's Source Testing Manual, and CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.113] (Source recordkeeping requirements.)	Section D - IV. Recordkeeping Requirements	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon requ...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
17-00001 – GENON REMA LLC/SHAWVILLE GEN STA

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter, sulfur oxides (SOx) and ammonia (NH3) emissions limitations for Source ID 032. (b) T...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual. Operational settings of the NH3 gas conditioning system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. (b) The permittee shall keep records, including data which clearly demons...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	NOx Budget Program replaced by CAIR Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.110] (Source compliance requirements.)	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with §123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from the NOX affe...	NOx Budget Program replaced by CAIR Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441]	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable reporting	Certified CEMS/DAHS in place, CEMS QA/QC.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Operating permit terms and conditions.)		requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.		
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	No reclaimed or waste oil or oil that contains any waste material shall be used as fuel in the lighter associated with the low NOX burners of Source ID 032.	Station Operating Procedure forbids burning of waste oil.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 032 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 032.	Station Operating Procedures.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 032 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 032: Unit 2 is a 1954 vintage, Babcock Wilcox, dry bottom, front wall-fired, balanced draft, divided furnace drum type utility boiler. The boiler is fueled with pulverized bituminous coal or #2 oil. The air contaminant emissions from the subject boiler are controlled with: a NH3/SO3 inj...	There were no changes to this source during this period.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2	Section D - VII. Additional	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112]	Replaced by CAIR. Shawville Station facility	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Requirements	Source ID 032's NATS Account is 003131000002 the allowance allocation is 945 and Mr. James V. Locher is the account representative.	NOx annual allowance for CY2011 is 2,363 and NOx Ozone allowance is 913. Mr. J. Derek Furstenwerth was designated account representative but was replaced by Matt E. Greek on 12/14/2010. On 03/23/11 Mr. Greek was replaced by Mr. Edward A. Feith. On 04/21/11, Mr. Feith was replaced by Mr. Matthew J. Pistner..	
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 032 is 4456.	Shawville Station facility SO2 annual allowance for CY2011 is 21,103 Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 033 in excess of 0.1 pound per million Btu of heat input.	Stack tests on record with the Department.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code	Section D - I. Restrictions - Emission	(a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 033 in excess of the rate of 4 pounds per	Certified CEMS/DAHS in place. Central Control Room Alarm System,	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§123.22] (Combustion units)	Restriction(s)	million Btu of heat input over any 1-hour period when firing #2 fuel oil. (b) No person may permit the emission into the outd...	PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 033 shall not exceed the following limitations: (a) 0.45 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 033 in excess of the rate of 4 pounds per million Btu of heat input at any time.	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 033 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.108] (Source emissions	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 033 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the document titled 'Guidance for Implementation of Emission Monitoring Requirements fo...	Certified CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
monitoring requirements.)				
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Submittal of required test protocols for PADEP approval. PADEP's Source Testing Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 033 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 033 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.113] (Source	Section D - IV. Recordkeeping Requirements	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon requ...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
recordkeeping requirements.)				
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. (b) The permittee shall keep records, including data which clearly demons...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter and sulfur oxides (SOx) emissions limitations for Source ID 033. (b) The permittee sh...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	NOx Budget Program replaced by CAIR Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.110] (Source compliance requirements.)	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with §123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from the NOX affe...	NOx Budget Program replaced by CAIR Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511]	Certified CEMS/DAHS in place, CEMS QA/QC.	☒Continuous ☐Intermittent

Certification of Continuous or Intermittent Compliance
17-00001 – GENON REMA LLC/SHAWVILLE GEN STA

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§127.441] (Operating permit terms and conditions.)		The permittee shall comply with all applicable reporting requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.		
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	No reclaimed or waste oil or oil that contains any waste material shall be used as fuel in the lighter associated with the low NOX burners of Source ID 033.	Station Operating Procedure forbids burning of waste oil.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 033 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 033.	Station Operating Procedures.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 033 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Sources ID 033 and 034 (Unit 3 and 4) may be used for the incineration/evaporation of liquid wastes resulting from the chemical cleaning of boiler tubes with non-hazardous (HAP) and non-VOC containing liquid cleaning solutions.	There was no incineration/evaporation of liquid wastes from chemical cleaning of boiler tubes during this period.	☒Continuous ☐Intermittent
033 - UTILITY	Section D - VII.	Source ID 033: Unit 3 is a 1959 vintage, Combustion	There were no changes to	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Additional Requirements	Engineering, tangential fired, balanced draft, divided furnace, with a combined circulation, radiant, reheat boiler. The boiler is fueled with pulverized bituminous coal or #2 oil. The air contaminant emissions from the subject boiler are control...	this source during this period.	☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112] Source ID 033's NATS Account is 003131000003 the allowance allocation is 850 and Mr. James V. Locher is the account representative.	Replaced by CAIR. Shawville Station facility NOx annual allowance for CY2011 is 2,363 and NOx Ozone allowance is 913. Mr. J. Derek Furstenwerth was designated account representative but was replaced by Matt E. Greek on 12/14/2010. On 03/23/11 Mr. Greek was replaced by Mr. Edward A. Feith. On 04/21/11, Mr. Feith was replaced by Mr. Matthew J. Pistner..	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 033 is 6111.	Shawville Station facility SO2 annual allowance for CY2011 is 21,103 Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 034 in excess of 0.1 pound per million Btu of heat input.	Stack tests on record with the Department.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 034 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period when firing #2 fuel oil. (b) No person may permit the emission into the outd...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 034 shall not exceed the following limitations: (a) 0.45 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 034 in excess of the rate of 4 pounds per million Btu of heat input at any time.	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 034 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)				
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 034 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the document titled 'Guidance for Implementation of Emission Monitoring Requirements fo...	Certified CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Submittal of required test protocols for PADEP approval. PADEP's Source Testing Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 034 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 034 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	NOx Budget Program replaced by CAIR Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		Departments 'Continuous Source Monitoring Manual'.		
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.113] (Source recordkeeping requirements.)	Section D - IV. Recordkeeping Requirements	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon requ...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. (b) The permittee shall keep records, including data which clearly demons...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter and sulfur oxides (SOx) emissions limitations for Source ID 034. (b) The permittee sh...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	NOx Budget Program replaced by CAIR Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with	NOx Budget Program replaced by CAIR	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§123.110] (Source compliance requirements.)		§123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from the NOX affe...	Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable reporting requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	No reclaimed or waste oil or oil that contains any waste material shall be used as fuel in the lighter associated with the low NOX burners of Source ID 034.	Station Operating Procedure forbids burning of waste oil.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 034 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 034.	Station Operating Procedures.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 034 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
034 - UTILITY	Section D - VII.	Sources ID 033 and 034 (Unit 3 and 4) may be used for the	There was no	☒Continuous

Certification of Continuous or Intermittent Compliance
17-00001 – GENON REMA LLC/SHAWVILLE GEN STA

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Additional Requirements	incineration/evaporation of liquid wastes resulting from the chemical cleaning of boiler tubes with non-hazardous (HAP) and non-VOC containing liquid cleaning solutions.	incineration/evaporation of liquid wastes from chemical cleaning of boiler tubes during this period.	☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 034: Unit 4 is a 1960 vintage, Combustion Engineering, tangential fired, balanced draft, divided furnace, with a combined circulation, radiant, reheat boiler. The boiler is fueled with pulverized bituminous coal or #2 oil. The air contaminant emissions from the subject boiler are control...	There were no changes to this source during this period.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112] Source ID 034's NATS Account is 003131000004 the allowance allocation is 692 and Mr. James V. Locher is the account representative.	Replaced by CAIR. Shawville Station facility NOx annual allowance for CY2011 is 2,363 and NOx Ozone allowance is 913. Mr. J. Derek Furstenwerth was designated account representative but was replaced by Matt E. Greek on 12/14/2010. On 03/23/11 Mr. Greek was replaced by Mr. Edward A. Feith. On 04/21/11, Mr. Feith was replaced by Mr. Matthew J. Pistner..	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 034 is 6070.	Shawville Station facility SO2 annual allowance for CY2011 is 21,103 Certified CEMS/DAHS in place, EMS QA/QC,	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
			Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	
038 - 15 SPACE HEATERS [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of each space heater into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel Specification and emission factor.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of each space heater into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel Specification and emission factor.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in each space heater of Source ID 038.	Fuel oil contract specification. Dedicated fuel supply tank for these heaters.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate each space heater of Source ID 038 in accordance with manufacturers specifications.	Maintained by contractor. Station Operation Practices.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 038 consists of fifteen #1 and #2 fuel-oil fired space heaters.	There were no changes to these sources during this period.	☒Continuous ☐Intermittent
F01 - PLANT HAUL ROADS [25 Pa. Code	Section D - VII. Additional Requirements	Source ID F01 consists of the various facility roads that are used for transporting coal, oil, ash for disposal, etc. at the facility.	There were no changes to these sources during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§127.441] (Operating permit terms and conditions.)				
F02 - COAL HANDLING AND STORAGE [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID F02 is all coal handling operation at the facility that include: hopper loading, conveying, breaking, transferring, bulldozing, storage, wind erosion, etc. at the facility.	There were no changes to these sources during this period.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] There shall be no fugitive emissions from the loads contained in the trucks serving the Shawville Station other than what the Department determines to be of minor significance.	System engineered safeguards. Operator Awareness.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Throughput Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] (a) The total amount of ash disposed at the ash disposal facility shall not exceed 261,000 tons in any 12 consecutive month period. (b) The total amount of soil transferred from the facility prop...	Continuous monitoring of total ash disposal and soil transfers to calculate monthly totals and 12 consecutive month totals to track compliance.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] The permittee shall keep records on a monthly basis of: (a) The total amount of ash disposed in Source ID F03 in tons and the corresponding 12 consecutive month running total to verify compliance...	Continuous monitoring of total ash disposal and soil transfers to calculate monthly totals and 12 consecutive month totals to track compliance.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] The raw water supply system at the facility shall provide an adequate supply of water to the fly ash unloaders and paddle mixer associated with the facility's fly ash silos under all plant operati...	System engineered safeguards. Operator Awareness.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
conditions.)				
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All ash disposed of in Source ID F03 shall be properly conditioned with water prior to disposal. The only fly ash to be disposed of in this ash disposal facility shall be fly ash which has been pr...	System engineered safeguards. Operator Awareness.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] A water truck equipped with both a pressurized spray bar and a pressurized hose or spray nozzle shall be maintained on site at all times. Said water truck shall be used as necessary to minimize fu...	Water truck on site and in running order.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All ash hauled to the disposal facility during the course of a day shall be dumped, spread and compacted by the end of that day.	Station Operating Practice and contractor specifications.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All disposal areas shall be covered with soil and/or bottom ash and vegetated upon cessation of active use.	Station Operating Practice and contractor specifications, and Solid Waste Permit copndition.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID F03 consists of all ash disposal operations at the Shawville facility including: silo transfer and storage, unloading, spreading, bulldozing, wind erosion, etc. at the facility.	There was no changes to this source during this period.	☒Continuous ☐Intermittent
F03 - ASH	Section D - VII.	[Additional authority for this permit condition is derived from 25	Station Operating Practice	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Additional Requirements	Pa. Code Sections 127.1 and 127.12] (a) The only wastes to be disposed of in Source ID F03 shall be the following: (1) Ash from the Shawville Generating Station or ash from off site coal fired power generation plants. (2) Miscella...	and contractor specifications.	☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All trucks transporting ash from all offsite locations shall be fully tarped (affixed with a tarp covering the entire truck bed opening) during all times of transport.	None during this period.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P101.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P101 to less than a 5% capacity factor in any 12 consecutive month period.	Station continuously monitors capacity factor using the TOGA..	☒Continuous ☐Intermittent
P101 - STARTUP	Section D - IV.		Station continuously	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall clearly demonstrate that the annual capacity factor for Sou...	monitors capacity factor using the TOGA. Appropriate records are maintained.	☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall annually report records of supporting calculations that clearly demonstrate that the annual capacity factor for Source ID P101 is less than 5%. Annual reports shall be submitted to the...	Station continuously monitors capacity factor using the TOGA. The annual report was submitted on 02/28/11.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P101 in accordance with the manufacturers specifications.	PM Program and Operator Training.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P101 (Unit 5) is a 2880 hp, General Motors diesel engine.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6	Section D - I. Restrictions - Fuel	The permittee shall only fire #2 or lighter fuel oil in Source ID	Fuel oil contract specification. Periodic	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Restriction(s)	P102.	sampling/analysis.	
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P102 to less than a 5% capacity factor in any 12 consecutive month period.	Station continuously monitors capacity factor using the TOGA.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall clearly demonstrate that the annual capacity factor for Sou...	Station continuously monitors capacity factor using the TOGA. Appropriate records are maintained.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall annually report records of supporting calculations that clearly demonstrate that the annual capacity factor for Source ID P102 is less than 5%. Annual reports shall be submitted to the...	Station continuously monitors capacity factor using the TOGA. The annual report was submitted on 02/28/11.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P102 in accordance with the manufacturers specifications.	PM Program and Operator Training.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P102 (Unit 6) is a 2880 hp, General Motors diesel engine.	There was no change to this source during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
P103 - STARTUP GENERATOR 7 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P103.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P103 to less than a 5% capacity factor in any 12 consecutive month period.	Station continuously monitors capacity factor using the TOGA.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall clearly demonstrate that the annual capacity factor for Sou...	Station continuously monitors capacity factor using the TPGA. Appropriate records are maintained.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall annually report records of supporting calculations that clearly demonstrate that the annual capacity factor for Source ID P103 is less than 5%. Annual reports shall be submitted to the...	Station continuously monitors capacity factor using the TOGA. The annual report was submitted on 02/28/11.	☒Continuous ☐Intermittent
P103 - STARTUP	Section D - VI. Work		PM Program and Operator	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P103 in accordance with the manufacturers specifications.	Training.	☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P103 (Unit 7) is a 2880 hp, General Motors diesel engine.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P104.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P104 to less than 500 hours in any 12 consecutive month period.	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)				
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall, at a minimum, include data that clearly demonstrates that ...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Appropriate records are maintained.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report annually the total number of hours that the subject source has been operated. (b) Annual report shall be submitted to the Department no later than March 1 for the preceding y...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Report submitted on time. The annual report was submitted on 02/28/11.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate the Source ID P104 in accordance with manufacturers specifications.	PM Program and operator training.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P104 (Unit 1-2) consists of a model #62400RA, 254 horsepower, General Motors diesel emergency generator.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§123.13] (Processes)				
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P105.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P105 to less than 500 hours in any 12 consecutive month period.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall, at a minimum, include data that clearly demonstrates that ...	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report annually the total number of hours that the subject source has been operated. (b) Annual report shall be submitted to the Department no later	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		than March 1 for the preceding y...		
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P105 in accordance with manufacturers specifications.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P105 (Unit 3-4) consists of a model #NHRIPS 600, 230 horsepower, Cummings diesel emergency generator.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in each engine of Source ID P106.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of each engine of Source	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		ID P106 to less than 500 hours in any 12 consecutive month period.	period.	
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall, at a minimum, include data that clearly demonstrates that ...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Appropriate records are maintained.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report annually the total number of hours that the subject source has been operated. (b) Annual report shall be submitted to the Department no later than March 1 for the preceding y...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Report submitted 02/28/11.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate each engine of Source ID P106 in accordance with manufacturers specifications.	PM Program and operator training.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P106 is 2 model #NT-380-IF, 283 horsepower, Cummings diesel fire pump engines.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P116 - WATER TREATMENT OPERATIONS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	The water treatment operations of P116 include all activities and processes associated with treating wastewater at the facility. It includes: the lime silo with fabric filter, clarifying pools, mixing and settling tanks, all pH adjustment proceedures and all other wastewater treatment conducted at ...	There was no change to this source during this period.	☒Continuous ☐Intermittent
P120 - EMERGENCY	Section D - I. Restrictions -	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust associated with Source ID	Fuel specification and emission factors.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
DIESEL GENERATOR [25 Pa. Code §123.13] (Processes)	Emission Restriction(s)	P120 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.		
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides from Source ID P120 in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, on a dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	Source ID P120 shall only be fired on No. 2 fuel oil.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	Source ID P120 shall not be operated in excess of 500 hours in any 12 consecutive month period.	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period.	☒Continuous ☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	The permittee shall keep comprehensive and accurate records of the following: (a) The amount of hours that Source ID P120 is operated each month and keep calculations which verify the 12 consecutive month operational limitation for Source ID P120. (b) Supporting calculations to verify compliance w...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Appropriate records are maintained.	☒Continuous ☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR	Section D - VII. Additional Requirements	Source ID P120 is a diesel fired Caterpillar model D200P3 emergency generator rated at 242 kilowatts	There was no change to this source during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)				

Attachment 1

Attachment 1 - Annual Compliance Certification

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: GenOn REMA, LLC
LOCATION: Units 1 & 2
SOURCE: STACK 2
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1530110
PARAMETER: ST_OPAC
QUARTER: 3
YEAR: 10

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
07/22/10	19	08	06	00	22	21	!!	07/29/10	06	08	06	00	23	21
11/13/10	16	08	06	00	48	21	!!	11/27/10	10	08	05	00	47	27
11/27/10	11	08	06	00	49	37	!!	12/03/10	10	08	12	00	36	35
03/01/11	07	08	05	00	29	20	!!	03/03/11	09	08	04	00	31	20
03/11/11	10	08	02	01	69	11	!!	03/22/11	13	08	09	00	25	24
03/22/11	14	08	07	00	27	25	!!	04/10/11	15	08	04	00	44	20

PROCESS CODES (PC):

01= CHANGING FUELS
02= CONTROL EQUIP. MALF.
03= STARTUP
04= SHUTDOWN
05= CHANGING OPERATING LEVEL
06= CLEAN PROCESS EQUIP.
07= CLEAN CONTROL EQUIP.
08= NORMAL OPERATION
09= OTHER

Attachment 1 - Annual Compliance Certification

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: GenOn REMA, LLC
LOCATION: Units 3 & 4
SOURCE: STACK 3
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1540110
PARAMETER: OPAC
QUARTER: 3
YEAR: 10

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
07/02/10	22	08	08	00	39	34	!!	07/02/10	23	08	27	00	42	39
07/03/10	14	08	04	00	32	24	!!	08/27/10	16	08	05	00	46	25
10/15/10	21	08	05	00	52	25	!!	11/12/10	16	08	04	00	23	20
11/13/10	13	08	04	00	37	23	!!	11/13/10	14	08	07	00	29	24
11/13/10	19	08	05	00	32	21	!!	12/18/10	15	08	04	00	24	20
02/14/11	10	08	01	04	94	84	!!	05/27/11	24	08	10	00	25	22
05/29/11	03	08	07	00	40	21	!!	05/29/11	07	08	06	00	31	24
05/30/11	15	08	04	00	23	20	!!	05/30/11	16	08	04	00	24	20
05/31/11	14	08	05	00	21	20	!!	05/31/11	15	08	08	00	21	20
06/02/11	10	08	05	00	44	22	!!	06/02/11	11	08	04	00	41	20

PROCESS CODES (PC):

01= CHANGING FUELS
02= CONTROL EQUIP. MALF.
03= STARTUP
04= SHUTDOWN
05= CHANGING OPERATING LEVEL
06= CLEAN PROCESS EQUIP.
07= CLEAN CONTROL EQUIP.
08= NORMAL OPERATION
09= OTHER

42-05-00001

GenOn

121 Champion Way
Canonsburg, PA 15317
Writer's Direct Dial Number
(724)-597-8670
timothy.mckenzie@genon.com

February 28, 2011

Via Overnight Mail

RECEIVED
MAR 01 2011
3AP20

Mr. Muhammad Q. Zaman
Environmental Program Manager
Air Quality Program
PA Department of Environmental Protection
208 West Third Street – Suite 101
Williamsport, PA 17701-6448

Subject: Shawville Generating Station Title V Operating Permit No. TVOP-17-00001
Semi-annual Monitoring and Deviation Report

Dear Mr. Zaman:

As you know, effective December 3, 2010, RRI Energy, Inc. and Mirant Corporation completed a merger to form GenOn Energy, Inc. In connection with the merger, the wholly-owned subsidiary and holder of the referenced permit, RRI Energy Mid-Atlantic Power Holdings, LLC, changed its name to GenOn REMA, LLC. The Department was notified of this name change.

In accordance with Condition B #023 and C #014of the Title V Operating Permit No. TVOP-17-00001, please find enclosed the Semi-annual Monitoring and Deviation Report for the GenOn REMA, LLC (GenOn Energy) Shawville Generating Station. GenOn Energy conducted the monitoring required by Title V Permit No. TVOP-17-00001 during the reporting period and is identifying deviations in the attached Semi-annual Monitoring and Deviation Report.

If you have any questions, please contact me.

Sincerely,

Timothy E. McKenzie

Timothy E. McKenzie
Sr. Air Environmental Specialist

TEM/jm/TEM1311G

cc: Bruce Vandegrift – PADEP - District Office
US EPA – Region III

GENON ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

GenOn Energy Subsidiary Name:	GENON REMA, LLC	**Contact Person:**	TIMOTHY E. MCKENZIE
Plant Name:	SHAWVILLE GENERATING STATION	**Title:**	SR. AIR QUALITY SPECIALIST
Title V Operating Permit #:	17-00001	**Phone # and Email:**	(724)-597-8670 – Timothy.McKenzie@genon.com
Reporting Period Start:	07/01/2010	**Reporting Period End:**	12/31/2010

PART I The reports of required monitoring are attached to this form.. A list of the reports of required monitoring is presented below:

TVOP Cond. #	Report Description
Sec. B/ #023 and Sec C/#014	Semi-annual Report of Required Monitoring and Deviations

PART II A summary of deviations from permit requirements is presented below [1]:

TVOP Cond. #	Source	Deviations from Permit Requirements				
		Nature and Probable Cause	Dates and Times	Duration	Monitoring Method(s)	Corrective Action(s)
Sec. B/#007	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below
Sec. C/#003	25 PA Code §123.41	031, 032, 033, &034	Opacity exceedances at S01 and S02, summarized in Attachment 1	Various dates identified in Attachment 1	COMS	Details identified in COMS quarterly reports

1. For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

GENON ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

GenOn Energy Subsidiary Name:	GENON REMA, LLC	**Contact Person:**	TIMOTHY E. MCKENZIE
Plant Name:	SHAWVILLE GENERATING STATION	**Title:**	SR. AIR QUALITY SPECIALIST
Title V Operating Permit #:	17-00001	**Phone # and Email:**	((724)-597-8670 – Timothy.McKenzie@genon.com
Reporting Period Start:	07/01/2010	**Reporting Period End:**	12/31/2010

PART III Certification of Truth, Accuracy and Completeness by a Responsible Official Per 25 Pa. Code §127.402(d)

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.

Name:	Matt E. Greek	**Title:**	Vice President
Signed:	Matt E. Greek	**Date:**	2-25-11

This report must be signed by a responsible official. The owner/operator shall identify any other material information needed in this report to also comply with section 113(c)(2) of the Clean Air Act. This report does not include information pertaining to the submission of malfunction and CEM reports.

1: For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

Attachment 1 – Semi-annual Monitoring and Deviation Report

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: RRI ENERGY MID-ATLANTIC POWER HOLDINGS LLC
LOCATION: SHAWVILLE Units 1 & 2
SOURCE: STACK 2
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1530110
PARAMETER: ST_OPAC
QUARTER: 3
YEAR: 10

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
07/22/10	19	08	06	00	22	21	!!	07/29/10	06	08	06	00	23	21
11/13/10	16	08	06	00	48	21	!!	11/27/10	10	08	05	00	47	27
11/27/10	11	08	06	00	49	37	!!	12/03/10	10	08	12	00	36	35

PROCESS CODES (PC):

01= CHANGING FUELS
02= CONTROL EQUIP. MALF.
03= STARTUP
04= SHUTDOWN
05= CHANGING OPERATING LEVEL
06= CLEAN PROCESS EQUIP.
07= CLEAN CONTROL EQUIP.
08= NORMAL OPERATION
09= OTHER

Attachment 1 – Semi-annual Monitoring and Deviation Report

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: RRI ENERGY MID-ATLANTIC POWER HOLDINGS LLC
LOCATION: SHAWVILLE Units 3 & 4
SOURCE: STACK 3
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1540110
PARAMETER: OPAC
QUARTER: 3
YEAR: 10

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
07/02/10	22	08	08	00	39	34	!!	07/02/10	23	08	27	00	42	39
07/03/10	14	08	04	00	32	24	!!	08/27/10	16	08	05	00	46	25
10/15/10	21	08	05	00	52	25	!!	11/12/10	16	08	04	00	23	20
11/13/10	13	08	04	00	37	23	!!	11/13/10	14	08	07	00	29	24
11/13/10	19	08	05	00	32	21	!!	12/18/10	15	08	04	00	24	20

PROCESS CODES (PC):

01= CHANGING FUELS
02= CONTROL EQUIP. MALF.
03= STARTUP
04= SHUTDOWN
05= CHANGING OPERATING LEVEL
06= CLEAN PROCESS EQUIP.
07= CLEAN CONTROL EQUIP.
08= NORMAL OPERATION
09= OTHER

42-033-00001

RRI Energy

121 Champion Way
Canonsburg, PA 15317

Writer's Direct Dial Number
724-597-8670
tmckenzie@rrienergy.com

August 30, 2010

Via Overnight Mail

Mr. David W. Aldenderfer
Environmental Program Manager
Air Quality Program
PA Department of Environmental Protection
208 West Third Street – Suite 101
Williamsport, PA 17701-6448

RECEIVED
AUG 3 1 2010
Division Director (3AP00)

Dear Mr. Aldenderfer:

Subject: Semi-Annual Report and Annual Compliance Certification Report
Shawville Generating Station Title V Operating Permit No. TVOP-17-00001

In accordance with Condition B #023 and B#024 of Title V Operating Permit No. TVOP-17-00001, please find enclosed the subject reports for the RRI Energy Mid-Atlantic Power Holdings, LLC (RRI Energy) Shawville Generating Station. RRI Energy conducted the monitoring required by Title V Permit No. TVOP-17-00001 during the reporting period and is identifying deviations in the attached Compliance Certification forms. The submission is comprised of the following:

A. Semiannual Monitoring and Deviation Report
B. Annual Compliance Certification

The compliance status for conditions referencing continuous emission monitoring (CEMS) systems as the means of determining compliance will only use the 25 PA Code, Chapter 139 data. The compliance status will be indicated as "intermittent" where the company has information to indicate that the subject limitation has been exceeded using the 25 PA Code, Chapter 139 emissions monitoring data.

If you have any questions, please contact me.

Sincerely,

Timothy E. McKenzie

Timothy E. McKenzie
Senior Air Quality Specialist

TEM/jk/TEM1249r

cc: Bruce Vandegrift – PADEP - District Office
US EPA – Region III

Attachment A

Semiannual Monitoring and Deviation Report

RRI ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

RRI Energy Subsidiary Name:	RRI ENERGY MID ATLANTIC POWER HOLDINGS, LLC	Contact Person:	TIMOTHY E. MCKENZIE
Plant Name:	SHAWVILLE GENERATING STATION	Title:	SR. AIR QUALITY SPECIALIST
Title V Operating Permit #:	17-00001	Phone # and Email:	(724)-597-8670 – tmckenzie@rrienergy.com
Reporting Period Start:	01/01/10	Reporting Period End:	06/30/10

PART I **The reports of required monitoring are attached to this form. A list of the reports of required monitoring is presented below:**

TVOP Cond. #	Report Description
Sec. B/ #023 and Sec C/#014	Semi-annual Report of Required Monitoring and Deviations

PART II **A summary of deviations from permit requirements is presented below [1]:**

TVOP Cond. #	Source	Deviations from Permit Requirements				
		Nature and Probable Cause	Dates and Times	Duration	Monitoring Method(s)	Corrective Action(s)
Sec. B/#007	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below

1: For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

RECEIVED
AUG 3 1 2010
Division Director (3AP00)

RRI ENERGY, INC.
SEMI-ANNUAL REPORT OF REQUIRED MONITORING AND DEVIATIONS PER 25 PA CODE §127.511(c)

RRI Energy Subsidiary Name:	RRI ENERGY MID ATLANTIC POWER HOLDINGS, LLC	Contact Person:	TIMOTHY E MCKENZIE
Plant Name:	SHAWVILLE GENERATING STATION	Title:	SR. ENV. SCIENTIST
Title V Operating Permit #:	17-00001	Phone # and Email:	(724)-597-8670 – tmckenzie@rrienergy.com
Reporting Period Start:	01/01/10	Reporting Period End:	06/30/10

PART II **A summary of deviations from permit requirements is presented below [1] (continued):**

TVOP Cond. #	Deviations from Permit Requirements					
	Source	Nature and Probable Cause	Dates and Times	Duration	Monitoring Method(s)	Corrective Action(s)
Sec. C/#003	25 PA Code §123.41	031, 032, 033, &034	Opacity exceedances at S01 and S02, summarized in Attachment 1	Various dates identified in Attachment 1	COMS	Details identified in COMS quarterly reports

PART III Certification of Truth, Accuracy and Completeness by a Responsible Official Per 25 Pa. Code §127.402(d)

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.			
Name:	Matt E. Greek	Title:	Vice President
Signed:	Matt E. Greek	Date:	August 25, 2010

This report must be signed by a responsible official. The owner/operator shall identify any other material information needed in this report to also comply with section 113(c)(2) of the Clean Air Act. This report does not include information pertaining to the submission of malfunction and CEM reports.

1: For constituents measured by continuous emission monitoring systems (CEMS), compliance with permit conditions is determined using the emissions data submitted to the Department in accordance with 25 Pa. Code 139 requirements. Information regarding specific instances of deviations, if any, is included in the CEMS monitoring data reports that are submitted to the DEP on a quarterly basis.

Attachment 1 – Semi-annual Monitoring and Deviation Report

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: RRI ENERGY MID-ATLANTIC POWER HOLDINGS LLC
LOCATION: SHAWVILLE **Units 1 & 2**
SOURCE: STACK 2
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1530110
PARAMETER: ST_OPAC
QUARTER: 1
YEAR: 10

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
01/04/10	15	08	16	00	31	29	!!	02/09/10	20	08	04	00	28	22
02/22/10	07	08	07	00	29	24	!!	03/19/10	16	08	31	00	54	52
06/20/10	22	08	09	00	33	31	!!	06/21/10	20	08	04	00	27	23

PROCESS CODES (PC):

01= CHANGING FUELS	04= SHUTDOWN	07= CLEAN CONTROL EQUIP.
02= CONTROL EQUIP. MALF.	05= CHANGING OPERATING LEVEL	08= NORMAL OPERATION
03= STARTUP	06= CLEAN PROCESS EQUIP.	09= OTHER

TO THE BEST OF MY KNOWLEDGE, THE INFORMATION IN THIS REPORT REPRESENTS TRUE AND ACCURATE DATA

SIGNED _____

TITLE _____

0

Attachment 1 – Semi-annual Monitoring and Deviation Report

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: RRI ENERGY MID-ATLANTIC POWER HOLDINGS LLC
LOCATION: SHAWVILLE **Units 3 & 4**
SOURCE: STACK 3
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1540110
PARAMETER: OPAC
QUARTER: 1
YEAR: 10

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
01/02/10	07	08	10	00	26	21	!!	02/08/10	23	08	02	02	88	22
03/19/10	16	08	19	02	81	45	!!	06/03/10	13	08	04	05	96	63
06/03/10	14	08	01	05	96	84	!!	06/13/10	15	08	05	00	26	20
06/14/10	08	08	05	00	26	21	!!							

PROCESS CODES (PC):

01= CHANGING FUELS	04= SHUTDOWN	07= CLEAN CONTROL EQUIP.
02= CONTROL EQUIP. MALF.	05= CHANGING OPERATING LEVEL	08= NORMAL OPERATION
03= STARTUP	06= CLEAN PROCESS EQUIP.	09= OTHER

TO THE BEST OF MY KNOWLEDGE, THE INFORMATION IN THIS REPORT REPRESENTS TRUE AND ACCURATE DATA

SIGNED _____

TITLE _____

0

McKenzie, Timothy E

From: McKenzie, Timothy E
Sent: Tuesday, August 24, 2010 10:01 AM
To: McKenzie, Timothy E
Subject: FW: Semi-annual TVOP report
Attachments: Semi-Annual Deviations Report Form - RRI Energy.doc

---

From: Trivedi, Virendra [mailto:vtrivedi@state.pa.us]
Sent: Friday, May 29, 2009 10:25 AM
To: Shimshock, John
Cc: Kepner, Scott; Dao, Uyen; Davis, Ronald (DEP); Ramamurthy, Krishnan
Subject: RE: Semi-annual TVOP report

Attached form is adequate and you can use to report semi-annual TVOP reports.

Virendra Trivedi, Chief
NSR Section, Division of Permits, Bureau of Air Quality
Pennsylvania Department of Environmental Protection
Rachel Carson State Office Building
400 Market Street I Harrisburg, PA 17105-8468
Phone: 717-787-4325 I Fax: 717.783-2303
www.depweb.state.pa.us

-----Original Message-----
From: Shimshock, John [mailto:JShimshock@rrienergy.com]
Sent: Friday, May 29, 2009 10:18 AM
To: Trivedi, Virendra
Subject: Semi-annual TVOP report

Hi Virendra,
It was good to see you yesterday – thanks for your interest and help in obtaining the Department's approval of RRI Energy's proposed semi-annual TVOP report form. I spoke with Bill Weaver (SCRO) this morning, and I added a column to Part II (Deviations from Permit Requirements) that presents the duration of the reported deviation – please see the attached file. I would be grateful if you would please respond to this email with your approval to proceed with the use of this form on future submittals. We'll likely include a copy of this email exchange on the next submittal to help avoid any surprises and unexpected delays in processing. Thanks again for your help.
John

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Attachment B

Annual Compliance Certification

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
COMPLIANCE CERTIFICATION FORM
(25 Pa. Code § 127.513)

Plant Name:	RRI ENERGY MID A/SHAWVILLE GENERATING STATION	**Owner/Operator:**	RRI ENERGY MID ATLANTIC POWER HOLDINGS LLC
Tax ID/Plant:	52-2154847-3	**DEP Facility ID:**	249235
Contact Person:	TIMOTHY E MCKENZIE	**Title:**	SR. AIR QUALITY SPECIALIST
Operating Permit #:	17-00001	**Phone Number:**	(724) 597-8670

For the period **07/01/2009 - 06/30/2010, RRI ENERGY MID A/SHAWVILLE GENERATING STATION** has been in continuous compliance with all applicable requirements of permit # **17-00001**, determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions:

Sect./Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)
Sec. B/#007	25 PA Code §127.512 (c)(1)	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below	As indicated below
Sec. C/#003	25 PA Code §123.41	031, 032, 033, & 034	Opacity exceedances at S01 and S02 summarized in Attachment 1	COMS	Various dates identified in Attachment 1	Details identified in COMS quarterly reports	Resumed normal operations

Certification of Truth, Accuracy and Completeness

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.

Name:	Matt E. Greek	**Title:**	Vice President
Signed:	Matt E Greek	**Date:**	August 25, 2010

This certification must be signed by a responsible official. Any certification submitted without a valid signature will be returned. The owner/operator shall identify any other material information needed in this certification to also comply with section 113(c)(2) of the Clean Air Act. If more spaces are needed, complete additional pages using the format shown in Addendum 1. This certification does not replace requirements pertaining to the submission of malfunction and CEM reports. DO NOT include that information on this form.

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
COMPLIANCE CERTIFICATION FORM
(25 Pa. Code § 127.513)

ADDENDUM 1

For the period **07/01/2009 - 06/30/2010, RRI ENERGY MID A/SHAWVILLE GENERATING STATION** has been in continuous compliance with all applicable requirements of permit # **17-00001**, determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions:

Sect./Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
[25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503] (Permit Renewal)	Section B	(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air M...	The Shawville Title V Operating Permit renewal Application was submitted to PADEP on April 28, 2005	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA] (Inspection and Entry)	Section B	(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following: (1) Enter at reasonable times upo...	Latest PADEP site visit was on August 2 – 5, 2010 with "In Compliance" status.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)] (Compliance Requirements)	Section B	(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following: (1) Enforcement action (2) Permit termination, revocation...	Company Policy COMS See Section C - I. Restrictions - Emission Restriction(s) -_ Visible air contaminants	☐Continuous ☒Intermittent
[25 Pa. Code §§ 127.411(d) & 127.512(c)(5)] (Duty to Provide Information)	Section B	(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. (b) Upon request, the ...	All information requested by the Department has been provided during this period.	☒Continuous ☐Intermittent
[25 Pa. Code § 127.541] (Significant Operating Permit Modifications)	Section B	When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.	No significant Title V permit modifications were necessary during this period	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.704, 127.705 & 127.707] (Fee Payment)	Section B	(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).	Title V emission fees in amount of $548,287.92 were paid on August 26, 2009.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance With Terms & Conditions was:
		(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual...		
[25 Pa. Code §§ 127.14(b) & 127.449] (Authorization for De Minimis Emission Increases)	Section B	(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written ...	There were no 7-day notices of de minimis emission increases during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.11a & 127.215] (Reactivation of Sources)	Section B	(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source wil...	No sources were reactivated during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 121.9 & 127.216] (Circumvention)	Section B	(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction,...	There were no projects that required NSR licensing.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.402(d) & 127.513(1)] (Submissions)	Section B	(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the: Regional Air Program Manager PA Department of Environmental Protection (At the address given on the permit transmittal letter, or otherwise notified) (b) Any repor...	Use of permit tickler system. All reports submitted on time.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA] (Sampling, Testing and Monitoring Procedures)	Section B	(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable re...	Use of Permit Tickler System. PADEP approved CEMS/DAHS in place, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC, PADEP's Source Testing Manual. All applicable monitoring and analysis procedures followed.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §§ 127.511 & Chapter 135] (Recordkeeping Requirements)	Section B	(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following: (1) The date, place (as defined in the permit) and time of sampling or measurements. (2) The dates the analyses were performed. ...	All information requested by the Department supplied. During inspection by the Department's Mr. B Vandegrift August 2 – 5, 2010 requested information was supplied.	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)] (Reporting Requirements)	Section B	(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean ...	Use of Permit Tickler System. All reports submitted on time, in accordance with The Department's November 13, 2000 correspondence, item a., Semi-annual reporting requirement.	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513] (Compliance Certification)	Section B	(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, includi...	These reports are submitted in accordance with the schedule specified by the Northcentral Regional Office and EPA Region III. Last report was submitted on August 28, 2009	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68] (Risk Management)	Section B	(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 S...	Risk Management Plan in place for the flue gas conditioining system anhydrous ammonia storage tanks.	☒Continuous ☐Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following: (1) Construction or demolition of buildings or structures. (2) Grading, paving and maintenance of roads and streets.	Visual observations/ weekly inspections performed weekly as documented in station log book...	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		(3) Use of roads and streets. Emissions from ...		
[25 Pa. Code §123.2] (Fugitive particulate matter)	Section C - I. Restrictions - Emission Restriction(s)	No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in condition #001(a)(1) - (a)(7) above if the emissions are visible at the point the emissions pass outside the person's property.	Visual observations/ weekly inspections performed weekly as documented in station log book...	☒Continuous ☐Intermittent
[25 Pa. Code §123.41] (Limitations)	Section C - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following: (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour. (2) Equal to or greate...	Operator awareness Daily/Weekly inspections PADEP Certified COMS (one minute averages) but see deviations listed on page 1 of the attached Compliance Certification Form.	☐Continuous ☒Intermittent
[25 Pa. Code §123.42] (Exceptions)	Section C - I. Restrictions - Emission Restriction(s)	The emission limitations of 25 Pa Code Section 123.41 shall not apply when: (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations; (2) The emission results from the operation of equipment used solely to train and test persons in observing the o...	Operator awareness Daily/Weekly inspections. PADEP Certified COMS (one minute averages)/COMS RATA	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.22 and 127.511] The sulfur content of the #2 and lighter fuel oil delivered to this facility shall not exceed 0.5% (by weight).	Fuel Oil Contracts Specifications. Periodic sampling/analysis.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code 139.2 and 127.511] (a) At least 60 days prior to the scheduled performance of any stack testing required by this permit, the permittee shall submit a pretest plan to the Department for evaluation. This plan shall contain a...	All testing required by the permit during this period followed the 60 day test plan submission requirement. ACI Testing in CY2010 for CO on Units 3&4 performed on June 2, 2010 in accordance with Plan Approval #17-00001D.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit	Section C - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511]	Contracts Specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		The permittee shall perform tests (in accordance with the provisions of 25 Pa. Code Chapter 139) or provide a fuel certification report of the percent sulfur by weight of each delivery of the fuel oil deliv...		
[25 Pa. Code §139.1] (Sampling facilities.)	Section C - II. Testing Requirements	Upon the request of the Department, the person responsible for a source shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the fac...	No specific requests were received from the Department during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §139.11] (General requirements.)	Section C - II. Testing Requirements	(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department. (b) As specified in 25 Pa. Code ...	Details supplied in test protocols submitted to the Department	☒Continuous ☐Intermittent
[25 Pa. Code §123.43] (Measuring techniques)	Section C - III. Monitoring Requirements	Visible emissions may be measured using either of the following: (1) A device approved by the Department and maintained to provide accurate opacity measurements. (2) Observers, trained and certified, to measure plume opacity with the naked eye or with the aid of any devices approved by the Departm...	PADEP approved COMS/DAHS in place, Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC, and PADEPs CEMS Enforcement Policy.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall conduct a weekly inspection of the facility during daylight hours while the facility is operating to detect visible emissions, visible fugitive emissions and malodors. Weekly inspec...	Weekly facility inspection entries made in the Log Book on site. No deviations observed	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall maintain a logbook of the weekly facility inspections performed. The logbook shall include the name of the company representative performing the weekly inspection, the date and time of i...	Log Book maintained on site.	☒Continuous ☐Intermittent
[25 Pa. Code §135.5]	Section C - IV. Recordkeeping	The permittee shall maintain and make available upon request	Certified CEMS/DAHS systems, AEI	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
(Recordkeeping)	Requirements	by the Department records including computerized records that may be necessary to comply with 135.3 and 135.21 (relating to reporting; and emissions statements). These may include records of production, fuel usage, maintenance of producti...	reports/emission fees/other station operations data.	
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - V. Reporting Requirements	(a) The permittee shall submit the annual compliance certifications to the Department and EPA Region III, as specified in Condition #024 of Section B, General Title V Requirements, no later than September 1 (from July of the previous year through June of the current year). (b) The permittee shall s...	These reports are submitted in accordance with the schedule specified by the Northcentral Regional Office and USEPA Region III. The last report was submitted on August 28,2009.	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - V. Reporting Requirements	Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department□s suggested format.	No requests of reports were received from the Department during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §127.442] (Reporting requirements.)	Section C - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report each malfunction that poses an imminent and substantial danger to the public health and safety or the environment or which it should reasonably believe may result in citizens ...	Malfunction reporting guideline in place. There were no reports necessary during this period.	☒Continuous ☐Intermittent
[25 Pa. Code §135.21] (Emission statements)	Section C - V. Reporting Requirements	(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 me...	Included in the Annual Emission Inventory Report submitted via AES*XLM on 02/25/10.	☒Continuous ☐Intermittent
[25 Pa. Code §135.3] (Reporting)	Section C - V. Reporting Requirements	(a) A permittee to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) report, shall submit by March 1 of each year an annual AIMS report for the preceding calendar year. The report shall include...	CEMS/Station Operations data. AIMS (Air Emission Inventory) Report submitted via AES*XML on 02/25/10.	☒Continuous ☐Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - VI. Work Practice Standards	The permittee shall take all reasonable actions for any source specified in 25 Pa Code Section 123.1(a)(1-7) or (9) to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following: (1) Use, where possible, of water or chemicals for control of ...	PM program. Opearator awareness. Water truck operation & street sweeper.	☒Continuous ☐Intermittent
[25 Pa. Code	Section C - VII.	No person may permit air pollution as that term is defined in the	Company Policy	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§121.7] (Prohibition of air pollution.)	Additional Requirements	act (The Air Pollution Control Act (35 P.S. §§ 4001-4015)).		☐Intermittent
[25 Pa. Code §123.31] (Limitations)	Section C - VII. Additional Requirements	No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.	Operator Awareness. Weekly facility inspection entries made in the Log Book on site.	☒Continuous ☐Intermittent
[25 Pa. Code §129.14] (Open burning operations)	Section C - VII. Additional Requirements	No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.	Station Operations policy prohibits opern burning.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 031 in excess of 0.1 pound per million Btu of heat input.	Reference Method test data for particulate matter, submitted to the Department on September 15, 2009, gathered on Unit #1, on July 9 &10, 2009 (at reduced load) and on July 24, 2009 (at full load) demonstrated compliance with the 0.1 lb/ MM Btu limit.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period when firing #2 fuel oil. (b) No person may permit the emission into the outd...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 031 shall not exceed the following limitations: (a) 0.50 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1	Section D - I. Restrictions -	The ammonia (NH3) emission rate from the exhaust of Source ID 031 shall not exceed 0.003 lbs/MMBTU of heat input.	Operational settings of the NH3 gas conditioning	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Emission Restriction(s)		system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit. Also NH3 slip tests performed in October 2009.	
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input at any time.	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 031 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 031 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the document titled 'Guidance for Implementation of Emission Monitoring Requirements fo...	Certified CEMS/DAHS in place and CEMS QA/QC .	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and	Section D - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Submittal of required test protocols for PADEP approval. PADEP's Source Testing Manual.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
conditions.)				
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 031 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 031 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	Certified NOx CEMS/DAHS in place, PADEP's Source Testing Manual, and CEMS QA/QC.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.113] (Source recordkeeping requirements.)	Section D - IV. Recordkeeping Requirements	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon requ...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		Departments 'Continuous Source Monitoring Manual'.		
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter, sulfur oxides (SOx) and ammonia (NH3) emissions limitations for Source ID 031. (b) T...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual. Operational settings of the NH3 gas conditioning system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. (b) The permittee shall keep records, including data which clearly demons...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.110] (Source compliance requirements.)	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with §123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from the NOX affe...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.-	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable reporting requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC	☒Continuous ☐Intermittent
031 - UTILITY	Section D - VI. Work	No reclaimed or waste oil or oil that contains any waste material	Station Operating	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Practice Standards	shall be used as fuel in the lighter associated with the low NOX burners of Source ID 031.	Procedure forbids burning of waste oil.	☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 031 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 031.	Station Operating Procedures.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 031 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 031: Unit 1 is a 1954 vintage, Babcock Wilcox, dry bottom, front wall-fired, balanced draft, divided furnace drum type utility boiler. The boiler is fueled with pulverized bituminous coal or #2 oil. The air contaminant emissions from the subject boiler are controlled with: a NH3/SO3 inj...	There were no changes to this source during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112] Source ID 031's NATS Account is 003131000001 the allowance allocation is 979 and Mr. James V. Locher is the account representative.	Replaced by CAIR. Source ID 031's Account is 0003131000001. The allowance is 295. Stephen S. Davies was the account representative until June 26, 2007 at which time J. Derek Furstenwerth was designated account representative.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
031 - UTILITY BOILER - UNIT 1 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 031 is 4430.	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 032 in excess of 0.1 pound per million Btu of heat input.	Stack tests on record with the Department.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period when firing #2 fuel oil. (b) No person may permit the emission into the outd...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
032 - UTILITY	Section D - I.	The ammonia (NH3) emission rate from the exhaust of Source	Operational settings of the	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Restrictions - Emission Restriction(s)	ID 032 shall not exceed 0.003 lbs/MMBTU of heat input.	NH3 gas conditioning system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit. 2006 Stack Tests.	☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 032 shall not exceed the following limitations: (a) 0.50 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 032 in excess of the rate of 4 pounds per million Btu of heat input at any time.	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 032 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.108]	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 032 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the document titled 'Guidance for	Certified CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions Was:
(Source emissions monitoring requirements.)		Implementation of Emission Monitoring Requirements fo...		
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Submittal of required test protocols for PADEP approval. PADEP's Source Testing Manual.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 032 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 032 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	Certified NOx CEMS/DAHS in place, PADEP's Source Testing Manual, and CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2	Section D - IV. Recordkeeping	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other	Certified CEMS/DAHS in place, CEMS QA/QC and	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §123.113] (Source recordkeeping requirements.)	Requirements	information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon requ...	PADEP's Continuous Source Monitoring Manual.	
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter, sulfur oxides (SOx) and ammonia (NH3) emissions limitations for Source ID 032. (b) T...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual. Operational settings of the NH3 gas conditioning system and SNCR restrict the ammonia/urea input to prevent exceedance of the permit limit.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. (b) The permittee shall keep records, including data which clearly demons...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.110] (Source compliance	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with §123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from	Certified CEMS/DAHS in place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
requirements.)		the NOX affe...		
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable reporting requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	No reclaimed or waste oil or oil that contains any waste material shall be used as fuel in the lighter associated with the low NOX burners of Source ID 032.	Station Operating Procedure forbids burning of waste oil.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 032 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 032.	Station Operating Procedures.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 032 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code	Section D - VII. Additional Requirements	Source ID 032: Unit 2 is a 1954 vintage, Babcock Wilcox, dry bottom, front wall-fired, balanced draft, divided furnace drum type utility boiler. The boiler is fueled with pulverized bituminous	There were no changes to this source during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§127.441] (Operating permit terms and conditions.)		coal or #2 oil. The air contaminant emissions from the subject boiler are controlled with; a NH3/SO3 inj...		
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112] Source ID 032's NATS Account is 003131000002 the allowance allocation is 945 and Mr. James V. Locher is the account representative.	Company Policy. Replaced by CAIR. Source ID 032's Account is 0003131000001. The allowance is 294. Stephen S. Davies was the account representative until June 26, 2007 at which time J. Derek Furstenwerth was designated account representative.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
032 - UTILITY BOILER - UNIT 2 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 032 is 4456.	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 033 in excess of 0.1 pound per million Btu of heat input.	Stack tests on record with the Department.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.22]	Section D - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 033 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period when firing #2	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Combustion units)		fuel oil. (b) No person may permit the emission into the outd...	Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 033 shall not exceed the following limitations: (a) 0.45 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 033 in excess of the rate of 4 pounds per million Btu of heat input at any time.	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 033 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.108] (Source emissions	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 033 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the document titled 'Guidance for Implementation of Emission Monitoring Requirements fo...	Certified CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
monitoring requirements.)				
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Submittal of required test protocols for PADEP approval. PADEP's Source Testing Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 033 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 033 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.113]	Section D - IV. Recordkeeping Requirements	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Source recordkeeping requirements.)		shall be made available to the Department upon requ...		
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. (b) The permittee shall keep records, including data which clearly demons...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter and sulfur oxides (SOx) emissions limitations for Source ID 033. (b) The permittee sh...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.110] (Source compliance requirements.)	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with §123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from the NOX affe...	Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3	Section D - V. Reporting	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511]	Certified CEMS/DAHS in place, CEMS QA/QC.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Requirements	The permittee shall comply with all applicable reporting requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.		
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	No reclaimed or waste oil or oil that contains any waste material shall be used as fuel in the lighter associated with the low NOX burners of Source ID 033.	Station Operating Procedure forbids burning of waste oil.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 033 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 033.	Station Operating Procedures.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 033 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Sources ID 033 and 034 (Unit 3 and 4) may be used for the incineration/evaporation of liquid wastes resulting from the chemical cleaning of boiler tubes with non-hazardous (HAP) and non-VOC containing liquid cleaning solutions.	There was no incineration/evaporation of liquid wastes from chemical cleaning of boiler tubes during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 033: Unit 3 is a 1959 vintage, Combustion Engineering, tangential fired, balanced draft, divided furnace, with a combined circulation, radiant, reheat boiler. The boiler is fueled with pulverized bituminous coal or #2 oil. The air contaminant emissions from the subject boiler are control...	There were no changes to this source during this period.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112] Source ID 033's NATS Account is 003131000003 the allowance allocation is 850 and Mr. James V. Locher is the account representative.	Company Policy. REplaced by CAIR. Source ID 033's Account is 0003131000001. The allowance is 380. Stephen S. Davies was the account representative until June 26, 2007 at which time J. Derek Furstenwerth was designated account representative..	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
033 - UTILITY BOILER - UNIT 3 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 033 is 6111.	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter from the exhaust of Source ID 034 in excess of 0.1 pound per million Btu of heat input.	Stack tests on record with the Department.	☒Continuous ☐Intermittent
034 - UTILITY	Section D - I.	(a) No person may permit the emission into the outdoor	Certified CEMS/DAHS in	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
BOILER - UNIT 4 [25 Pa. Code §123.22] (Combustion units)	Restrictions - Emission Restriction(s)	atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 034 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period when firing #2 fuel oil. (b) No person may permit the emission into the outd...	place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 through 129.95 and 40 CFR Section 76.5(a)(1)] The nitrogen oxides emissions (NOx, expressed as NO2) from the exhaust of Source ID 034 shall not exceed the following limitations: (a) 0.45 pounds per million ...	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - I. Restrictions - Emission Restriction(s)	(a) The permittee shall not emit into the outdoor atmosphere, annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide that the permittee or designated representative holds for each affected source. (b) The permittee shall not emit sulfur dioxide in a manner t...	Certified CEMS/DAHS in place, CEMS QA/QC, and annual SO2 allowance surrender.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [40 CFR Part 52 Approval And Promulgation of Implementation Plans §40 CFR 52.2020] (Identification of plan.)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from the exhaust of Source ID 034 in excess of the rate of 4 pounds per million Btu of heat input at any time.	Certified CEMS/DAHS in place. Central Control Room Alarm System, PADEP's Continuous Source Monitoring Manual, CEMS QA/QC and PADEP's CEMS Enforcement Policy.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22] The sulfur content of the #2 and lighter fuel oil fired in Source ID 034 shall not exceed 0.5% (by weight).	Fuel Oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code	Section D - II. Testing Requirements	Continuous emissions monitoring systems for Source ID 034 shall comply with the initial performance testing and periodic calibration, accuracy testing and quality assurance/quality	Certified CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§123.108] (Source emissions monitoring requirements.)		control testing as specified in the document titled 'Guidance for Implementation of Emission Monitoring Requirements fo...		
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - II. Testing Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable testing requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Submittal of required test protocols for PADEP approval. PADEP's Source Testing Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	The permittee shall use a Department certified 40 CFR Part 75 monitoring system for Source ID 034 that has met the requirements of the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program' by the Ozone Transport Commission. The system shall be ...	Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.108] (Source emissions monitoring requirements.)	Section D - III. Monitoring Requirements	(a) The NOX emissions from Source ID 034 shall be monitored as specified in 25 Pa. Code §123.108 and in accordance with the procedures contained in the document titled, 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget Program' by the Ozone Transport Commission. (b...	Certified NOx CEMS/DAHS in place and CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 123.25, 123.46, 123.51 and 40 CFR Part 75] (a) The permittee shall install, calibrate, maintain and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen o...	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable monitoring requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, PADEP's Source Testing Manual. and CEMS QA/QC	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4	Section D - IV. Recordkeeping	In accordance with 25 Pa. Code Section 123.113, the permittee shall keep records of the measurements, data, reports and other	Certified CEMS/DAHS in place, CEMS QA/QC and	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
[25 Pa. Code §123.113] (Source recordkeeping requirements.)	Requirements	information required by 25 Pa. Code Section 123.101- 123.120. These records shall be retained for a minimum of 5 years and shall be made available to the Department upon requ...	PADEP's Continuous Source Monitoring Manual.	
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable recordkeeping requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] (a) The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. (b) The permittee shall keep records, including data which clearly demons...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall keep records of the data and calculations used to verify compliance with the particulate matter and sulfur oxides (SOx) emissions limitations for Source ID 034. (b) The permittee sh...	Certified CEMS/DAHS in place, CEMS QA/QC and PADEP's Continuous Source Monitoring Manual.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.109] (Source emissions reporting requirements.)	Section D - V. Reporting Requirements	The authorized account representative shall submit to the NOX Budget Administrator electronically, emissions and operations information for each calendar quarter of each year in accordance with the document titled. 'Guidance for Implementation of Emission Monitoring Requirements for the NOX Budget P...	Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.110] (Source compliance requirements.)	Section D - V. Reporting Requirements	(a) Each year from November 1 through December 31, inclusive, the authorized account representative shall request the NOX Budget Administrator to deduct, consistent with §123.107 (relating to NOX allowance transfer procedures) a designated amount of NOX allowances by serial number, from the NOX affe...	Certified CEMS/DAHS imn place, CEMS QA/QC, and annual NOx reconciliation/certification.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall comply with all applicable reporting requirements specified in 25 Pa. Code Chapter 139 and the Departments 'Continuous Source Monitoring Manual'.	Certified CEMS/DAHS in place, CEMS QA/QC.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	No reclaimed or waste oil or oil that contains any waste material shall be used as fuel in the lighter associated with the low NOX burners of Source ID 034.	Station Operating Procedure forbids burning of waste oil.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.91] The permittee shall maintain and operate Source ID 034 in accordance with the manufacturers specifications. This requirement shall be considered as VOC RACT for Source ID 034.	Station Operating Procedures.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.102] (Source NOx allowance requirements and NOx allowance control period.)	Section D - VII. Additional Requirements	(a) The permittee shall hold a quantity of NOx allowances for Source ID 034 which will meet the requirements of §123.110(a) (relating to source compliance requirements) in the source's current year NATS account by December 31 of each calendar year. The NOX allowances shall be equal to or greater tha...	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §123.112] (Source operating permit provisions requirements.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements specified in 25 Pa. Code §§123.101-123.120 (relating to NOx allowance requirements).	Company policy. Replaced by CAIR	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit	Section D - VII. Additional Requirements	Sources ID 033 and 034 (Unit 3 and 4) may be used for the incineration/evaporation of liquid wastes resulting from the chemical cleaning of boiler tubes with non-hazardous (HAP) and non-VOC containing liquid cleaning solutions.	There was no incineration/evaporation of liquid wastes from chemical cleaning of boiler tubes during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)				
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 034: Unit 4 is a 1960 vintage, Combustion Engineering, tangential fired, balanced draft, divided furnace, with a combined circulation, radiant, reheat boiler. The boiler is fueled with pulverized bituminous coal or #2 oil. The air contaminant emissions from the subject boiler are control...	There were no changes to this source during this period.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.112] Source ID 034's NATS Account is 003131000004 the allowance allocation is 692 and Mr. James V. Locher is the account representative.	Company Policy. REplaced by CAIR. Source ID 034's Account is 0003131000001. The allowance is 392. Stephen S. Davies was the account representative until June 26, 2007 at which time J. Derek Furstenwerth was designated account representative.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	The permittee shall comply with all applicable requirements and procedures established in regulations promulgated under Title IV of the Clean Air Act, including all applicable provisions from the following: 40 CFR Part 72 Permit Regulation 40 CFR Part 73 Sulfur Dioxide A...	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
034 - UTILITY BOILER - UNIT 4 [25 Pa. Code §127.531] (Special conditions related to acid rain.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 40 CFR Part 73] The sulfur dioxide allowance allocation for Source ID 034 is 6070.	Certified CEMS/DAHS in place, EMS QA/QC, Internal SO2/NOx emissions tracking, annual SO2 allowance surrender, and annual NOx reconciliation/certification. Compliant with ARP requirements.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §123.13]	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of each space heater into the outdoor atmosphere in a manner that the concentration of particulate matter in the	Fuel Specification and emission factor.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Processes)		effluent gas exceeds 0.04 grain per dry standard cubic foot.		
038 - 15 SPACE HEATERS [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of each space heater into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel Specification and emission factor.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in each space heater of Source ID 038.	Fuel oil contract specification. Dedicated fuel supply tank for these heaters.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate each space heater of Source ID 038 in accordance with manufacturers specifications.	Maintained by contractor. Station Operation Practices.	☒Continuous ☐Intermittent
038 - 15 SPACE HEATERS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID 038 consists of fifteen #1 and #2 fuel-oil fired space heaters.	There were no changes to these sources during this period.	☒Continuous ☐Intermittent
F01 - PLANT HAUL ROADS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID F01 consists of the various facility roads that are used for transporting coal, oil, ash for disposal, etc. at the facility.	There were no changes to these sources during this period.	☒Continuous ☐Intermittent
F02 - COAL HANDLING AND STORAGE [25 Pa. Code §127.441] (Operating permit	Section D - VII. Additional Requirements	Source ID F02 is all coal handling operation at the facility that include: hopper loading, conveying, breaking, transferring, bulldozing, storage, wind erosion, etc. at the facility.	There were no changes to these sources during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions Was
terms and conditions.)				
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] There shall be no fugitive emissions from the loads contained in the trucks serving the Shawville Station other than what the Department determines to be of minor significance.	System engineered safeguards. Operator Awareness.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Throughput Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] (a) The total amount of ash disposed at the ash disposal facility shall not exceed 261,000 tons in any 12 consecutive month period. (b) The total amount of soil transferred from the facility prop...	Continuous monitoring of total ash disposal and soil transfers to calculate monthly totals and 12 consecutive month totals to track compliance.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] The permittee shall keep records on a monthly basis of: (a) The total amount of ash disposed in Source ID F03 in tons and the corresponding 12 consecutive month running total to verify compliance...	Continuous monitoring of total ash disposal and soil transfers to calculate monthly totals and 12 consecutive month totals to track compliance.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] The raw water supply system at the facility shall provide an adequate supply of water to the fly ash unloaders and paddle mixer associated with the facility's fly ash silos under all plant operati...	System engineered safeguards.. Operator Awareness.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All ash disposed of in Source ID F03 shall be properly conditioned with water prior to disposal. The only fly ash to be disposed of in this ash disposal facility shall be fly ash which has been pr...	System engineered safeguards. Operator Awareness.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] A water truck equipped with both a pressurized spray bar and a pressurized hose or spray nozzle shall be maintained on site at all times. Said water truck shall be used as necessary to minimize fu...	Water truck on site and in running order.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All ash hauled to the disposal facility during the course of a day shall be dumped, spread and compacted by the end of that day.	Station Operating Practice and contractor specifications.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All disposal areas shall be covered with soil and/or bottom ash and vegetated upon cessation of active use.	Station Operating Practice and contractor specifications, and Solid Waste Permit copndition.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID F03 consists of all ash disposal operations at the Shawville facility including: silo transfer and storage, unloading, spreading, bulldozing, wind erosion, etc. at the facility.	There was no changes to this source during this period.	☒Continuous ☐Intermittent
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] (a) The only wastes to be disposed of in Source ID F03 shall be the following: (1) Ash from the Shawville Generating Station or ash from off site coal fired power generation plants. (2) Miscella...	Station Operating Practice and contractor specifications.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was...
F03 - ASH DISPOSAL FACILITY [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12] All trucks transporting ash from all offsite locations shall be fully tarped (affixed with a tarp covering the entire truck bed opening) during all times of transport.	None during this period.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P101.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P101 to less than a 5% capacity factor in any 12 consecutive month period.	Station continuously monitors capacity factor using the Power GADS (Generation Availability Data System).	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall clearly demonstrate that the annual capacity factor for Sou...	Station continuously monitors capacity factor using the Power GADS (Generation Availability Data System). Appropriate records are maintained.	☒Continuous ☐Intermittent
P101 - STARTUP	Section D - V.		Station continuously	☒Continuous

Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall annually report records of supporting calculations that clearly demonstrate that the annual capacity factor for Source ID P101 is less than 5%. Annual reports shall be submitted to the...	monitors capacity factor using the Power CADS (Generation Availability Data System). The annual report was submitted on 02/25/10	☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P101 in accordance with the manufacturers specifications.	PM Program and Operator Training.	☒Continuous ☐Intermittent
P101 - STARTUP GENERATOR 5 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P101 (Unit 5) is a 2880 hp, General Motors diesel engine.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P102.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6	Section D - I. Restrictions -	[Additional authority for this permit condition is derived from 25	Station continuously monitors capacity factor	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions Was:
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Operating Hours Restriction(s)	Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P102 to less than a 5% capacity factor in any 12 consecutive month period.	using the Power GADS (Generation Availability Data System).	
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall clearly demonstrate that the annual capacity factor for Sou...	Station continuously monitors capacity factor using the Power GADS (Generation Availability Data System). Appropriate records are maintained.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall annually report records of supporting calculations that clearly demonstrate that the annual capacity factor for Source ID P102 is less than 5%. Annual reports shall be submitted to the...	Station continuously monitors capacity factor using the Generation Performance & Reliability Report (GPR). The annual report was submitted on 02/25/10	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P102 in accordance with the manufacturers specifications.	PM Program and Operator Training.	☒Continuous ☐Intermittent
P102 - STARTUP GENERATOR 6 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P102 (Unit 6) is a 2880 hp, General Motors diesel engine.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent

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Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
P103 - STARTUP GENERATOR 7 [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P103.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P103 to less than a 5% capacity factor in any 12 consecutive month period.	Station continuously monitors capacity factor using the Power CADS (Generation Availability Data System).	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall clearly demonstrate that the annual capacity factor for Sou...	Station continuously monitors capacity factor using the Generation Performance & Reliability report (GPR). Appropriate records are maintained.	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] The permittee shall annually report records of supporting calculations that clearly demonstrate that the annual capacity factor for Source ID P103 is less than 5%. Annual reports shall be submitted to the...	Station continuously monitors capacity factor using the Power CADS (Generation Availability Data System). The annual report was submitted on 02/25/10	☒Continuous ☐Intermittent
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P103 in accordance with the manufacturers specifications.	PM Program and Operator Training.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
conditions.)				
P103 - STARTUP GENERATOR 7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P103 (Unit 7) is a 2880 hp, General Motors diesel engine.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P104.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] . The permittee shall limit the operation of Source ID P104 to less than 500 hours in any 12 consecutive month period.	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period.	☒Continuous ☐Intermittent
P104 -	Section D - IV.		Station operating	☒Continuous

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Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall, at a minimum, include data that clearly demonstrates that ...	procedures require periodic operation. Operations are converted to total hours per 12 month period. Appropriate records are maintained.	☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report annually the total number of hours that the subject source has been operated. (b) Annual report shall be submitted to the Department no later than March 1 for the preceding y...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Report submitted on time. The annual report was submitted on 02/25/10	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate the Source ID P104 in accordance with manufacturers specifications.	PM Program and operator training.	☒Continuous ☐Intermittent
P104 - EMERGENCY GENERATOR 1(UNIT 1-2) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P104 (Unit 1-2) consists of a model #62400RA, 254 horsepower, General Motors diesel emergency generator.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent

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Citation	Permit Section	Terms & Conditions Contained In the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in Source ID P105.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of Source ID P105 to less than 500 hours in any 12 consecutive month period.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall, at a minimum, include data that clearly demonstrates that ...	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report annually the total number of hours that the subject source has been operated. (b) Annual report shall be submitted to the Department no later than March 1 for the preceding y...	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions Was:
conditions.)				
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate Source ID P105 in accordance with manufacturers specifications.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P105 - EMERGENCY GENERATOR 2(UNIT 3-4) [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P105 (Unit 3-4) consists of a model #NHRIPS 600, 230 horsepower, Cummings diesel emergency generator.	Permanently retired. Source did not operate during this period.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person shall permit the emission of particulate matter from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission from the exhaust of the subject source into the outdoor atmosphere in a manner that the concentration of the sulfur oxides (SOX), expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	The permittee shall only fire #2 or lighter fuel oil in each engine of Source ID P106.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit	Section D - I. Restrictions - Operating Hours Restriction(s)	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall limit the operation of each engine of Source	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month	☒Continuous ☐Intermittent

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Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		ID P106 to less than 500 hours in any 12 consecutive month period.	period.	
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.95 and 127.511] The permittee shall keep records in accordance with the provisions specified in 25 Pa. Code Sections 129.91-129.95. The records shall, at a minimum, include data that clearly demonstrates that ...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Appropriate records are maintained.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - V. Reporting Requirements	[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511] (a) The permittee shall report annually the total number of hours that the subject source has been operated. (b) Annual report shall be submitted to the Department no later than March 1 for the preceding y...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Report submitted 02/25/10.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	[Additional authority for this permit condition is derived from 25 Pa. Code Sections 129.91 and 129.93] The permittee shall maintain and operate each engine of Source ID P106 in accordance with manufacturers specifications.	PM Program and operator training.	☒Continuous ☐Intermittent
P106 - 2 FIRE PUMP ENGINES [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	Source ID P106 is 2 model #NT-380-IF, 283 horsepower, Cummings diesel fire pump engines.	There was no change to this source during this period.	☒Continuous ☐Intermittent
P116 - WATER TREATMENT OPERATIONS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VII. Additional Requirements	The water treatment operations of P116 include all activities and processes associated with treating wastewater at the facility. It includes: the lime silo with fabric filter, clarifying pools, mixing and settling tanks, all pH adjustment proceedures and all other wastewater treatment conducted at ...	There was no change to this source during this period.	☒Continuous ☐Intermittent
P120 -	Section D - I.	No person may permit the emission into the outdoor atmosphere	Fuel specification and	☒Continuous

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
EMERGENCY DIESEL GENERATOR [25 Pa. Code §123.13] (Processes)	Restrictions - Emission Restriction(s)	of particulate matter from the exhaust associated with Source ID P120 in a manner that the concentration in the effluent gas exceeds 0.04 grains per dry standard cubic foot.	emission factors.	☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides from Source ID P120 in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, on a dry basis.	Fuel specification and emission factors.	☒Continuous ☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Fuel Restriction(s)	Source ID P120 shall only be fired on No. 2 fuel oil.	Fuel oil contract specification. Periodic sampling/analysis.	☒Continuous ☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	Source ID P120 shall not be operated in excess of 500 hours in any 12 consecutive month period.	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period.	☒Continuous ☐Intermittent
P120 - EMERGENCY DIESEL GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - IV. Recordkeeping Requirements	The permittee shall keep comprehensive and accurate records of the following: (a) The amount of hours that Source ID P120 is operated each month and keep calculations which verify the 12 consecutive month operational limitation for Source ID P120. (b) Supporting calculations to verify compliance w...	Station operating procedures require periodic operation. Operations are converted to total hours per 12 month period. Appropriate records are maintained.	☒Continuous ☐Intermittent
P120 - EMERGENCY	Section D - VII. Additional	Source ID P120 is a diesel fired Caterpillar model D200P3 emergency generator rated at 242 kilowatts	There was no change to this source during this	☒Continuous ☐Intermittent

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Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was
DIESEL GENERATOR [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Requirements		period.	

Attachment 1 - Annual Compliance Certification

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: RRI ENERGY MID-ATLANTIC POWER HOLDINGS LLC
LOCATION: SHAWVILLE **Units 1 & 2**
SOURCE: STACK 2
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1530110
PARAMETER: ST_OPAC
QUARTER: 3
YEAR: 09

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
07/01/09	19	05	07	00	40	35	!!	07/03/09	08	05	06	00	22	21
07/06/09	10	05	05	00	22	20	!!	08/26/09	03	04	08	00	59	48
10/05/09	03	08	06	00	29	23	!!	01/04/10	15	08	16	00	31	29
02/09/10	20	08	04	00	28	22	!!	02/22/10	07	08	07	00	29	24
03/19/10	16	08	31	00	54	52	!!	06/20/10	22	08	09	00	33	31
06/21/10	20	08	04	00	27	23	!!							

PROCESS CODES (PC):

01= CHANGING FUELS	04= SHUTDOWN	07= CLEAN CONTROL EQUIP.
02= CONTROL EQUIP. MALF.	05= CHANGING OPERATING LEVEL	08= NORMAL OPERATION
03= STARTUP	06= CLEAN PROCESS EQUIP.	09= OTHER

TO THE BEST OF MY KNOWLEDGE, THE INFORMATION IN THIS REPORT REPRESENTS TRUE AND ACCURATE DATA

SIGNED _____

TITLE _____

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Attachment 1 - Annual Compliance Certification

OPACITY EXCESS EMISSIONS REPORT PAGE 1
COMPANY NAME: RRI ENERGY MID-ATLANTIC POWER HOLDINGS LLC
LOCATION: SHAWVILLE **Units 3 & 4**
SOURCE: STACK 3
CEMS ID NO. (+SOURCE ID+ANALYZER ID): 1540110
PARAMETER: OPAC
QUARTER: 3
YEAR: 09

DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN	!!	DATE	HR	STAT PC	#MIN 20-59	#MIN >59	1MAX MIN	4MAX MIN
07/12/09	13	05	04	00	23	20	!!	07/12/09	18	05	04	00	24	21
07/12/09	23	05	20	01	61	37	!!	07/12/09	24	05	22	00	32	28
07/13/09	01	05	05	00	26	21	!!	07/13/09	05	05	05	00	28	21
07/13/09	06	05	08	00	52	22	!!	07/17/09	08	05	01	01	66	15
07/19/09	14	05	04	00	23	20	!!	07/24/09	17	05	07	00	58	34
07/25/09	17	05	05	00	51	24	!!	07/26/09	17	05	06	00	46	30
07/27/09	17	05	08	00	57	39	!!	08/07/09	13	05	04	02	68	50
11/05/09	16	08	05	00	32	27	!!	12/12/09	05	08	11	02	94	36
01/02/10	07	08	10	00	26	21	!!	02/08/10	23	08	02	02	88	22
03/19/10	16	08	19	02	81	45	!!	06/03/10	13	08	04	05	96	63
06/03/10	14	08	01	05	96	84	!!	06/13/10	15	08	05	00	26	20
06/14/10	08	08	05	00	26	21	!!							

PROCESS CODES (PC):

01= CHANGING FUELS
02= CONTROL EQUIP. MALF.
03= STARTUP
04= SHUTDOWN
05= CHANGING OPERATING LEVEL
06= CLEAN PROCESS EQUIP.
07= CLEAN CONTROL EQUIP.
08= NORMAL OPERATION
09= OTHER

TO THE BEST OF MY KNOWLEDGE, THE INFORMATION IN THIS REPORT REPRESENTS TRUE AND ACCURATE DATA

SIGNED _____

TITLE _____

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