



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-0101-00153/00006
Mod 0 Effective Date: 05/04/2009 Expiration Date: 05/03/2019
Mod 1 Effective Date: 05/17/2011 Expiration Date: 05/03/2019
Mod 2 Effective Date: 03/06/2013 Expiration Date: 05/03/2019

Permit Issued To: STATE UNIVERSITY OF NEW YORK
STATE UNIVERSITY PLAZA
381 BROADWAY
ALBANY, NY 12246

Contact: LISA-ANNE B DONOHUE
SUNY ALBANY
CHEMISTRY B-73
ALBANY, NY 12222
(518) 442-3495

Facility: SUNY AT ALBANY
1400 WASHINGTON AVE
ALBANY, NY 12222

Description:

Modification to the Air State Facility permit to cap the greenhouse gases (GHG's) per the tailoring rule. The facility shall not emit more than 99,000 tons of carbon dioxide equivalents per year.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: ANGELO A MARCUCCIO
NYSDEC
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
 - Applications for permit renewals, modifications and transfers
 - Permit modifications, suspensions or revocations by the Department
 - Permit modifications, suspensions or revocations by the Department
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.



Department

Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

Condition 4: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

Condition 2-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 2-1.1:

The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.



****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

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STATE UNIVERSITY PLAZA
381 BROADWAY
ALBANY, NY 12246

Facility: SUNY AT ALBANY
1400 WASHINGTON AVE
ALBANY, NY 12222

Authorized Activity By Standard Industrial Classification Code:
8221 - COLLEGES AND UNIVERSITIES, NEC

Mod 0 Permit Effective Date: 05/04/2009

Permit Expiration Date: 05/03/2019

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Mod 2 Permit Effective Date: 03/06/2013

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LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 201-7.2: Facility Permissible Emissions
- *2 6 NYCRR 201-7.2: Capping Monitoring Condition
- *3 6 NYCRR 201-7.2: Capping Monitoring Condition
- *2-1 6 NYCRR 201-7.2: Capping Monitoring Condition
- 2-2 6 NYCRR 211.1: Air pollution prohibited
- 4 40CFR 60.42b(k)(1), NSPS Subpart Db: Exemption from sulfur dioxide standard.
- 5 40CFR 60.43b(h)(5), NSPS Subpart Db: Exemption from PM and opacity standards.
- 6 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard
- 7 40CFR 60.44b(i), NSPS Subpart Db: Averaging period
- 8 40CFR 60.46b(e)(1), NSPS Subpart Db: Compliance and performance requirements.
- 9 40CFR 60.46b(e)(4), NSPS Subpart Db: Compliance Demonstration
- 10 40CFR 60.46b(i), NSPS Subpart Db: Compliance demonstration - fuel supplier certifications.
- 11 40CFR 60.48b(j), NSPS Subpart Db: PM monitoring exemption.
- 12 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
- 13 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 14 40CFR 60.43c(e)(4), NSPS Subpart Dc: PM limit for facilities that burn only oil with less than 0.5% sulfur
- 15 40CFR 60.45c(d), NSPS Subpart Dc: Compliance and performance test methods and procedures for particulate matter.
- 16 40CFR 60.47c(c), NSPS Subpart Dc: Emissions monitoring
- 17 40CFR 60.47c(f), NSPS Subpart Dc: Emission monitoring for particulate matter
- 18 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Demonstration
- 19 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration
- 20 40CFR 60.48c(f)(4), NSPS Subpart Dc: Fuel supplier certification
- 21 40CFR 60.48c(g)(2), NSPS Subpart Dc: Alternative recordkeeping
- 22 40CFR 60.48c(j), NSPS Subpart Dc: Reporting period

Emission Unit Level

EU=U-10001

- 23 6 NYCRR 225-1.8 (a): Compliance Demonstration
- 24 6 NYCRR 227-1.3: Compliance Demonstration
- 25 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 26 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 27 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 28 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 29 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 30 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 31 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 32 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.



- 33 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 34 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 35 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 36 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU Level
- 37 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 38 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 39 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 40 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 41 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 42 40CFR 60.9, NSPS Subpart A: Availability of information.
- 43 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 44 40CFR 60.12, NSPS Subpart A: Circumvention.
- 45 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 46 40CFR 60.14, NSPS Subpart A: Modifications.
- 47 40CFR 60.15, NSPS Subpart A: Reconstruction.

EU=U-10001,Proc=100,ES=00001

- 48 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 49 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

EU=U-10001,Proc=100,ES=00002

- 1-1 40CFR 60.44b(a)(1), NSPS Subpart Db: Standards for oxides of nitrogen.
- 51 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 52 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 53 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam Generating Unit Operating Conditions
- 54 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 55 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
- 56 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 57 40CFR 60.49b(v), NSPS Subpart Db: Reporting and Recordkeeping - Electronic report submittal
- 58 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

EU=U-10001,Proc=100,ES=00003

- 59 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 60 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

EU=U-10001,Proc=100,ES=00004

- 1-2 40CFR 60.44b(a)(1), NSPS Subpart Db: Standards for oxides of nitrogen.
- 62 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 63 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 64 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam Generating Unit Operating Conditions
- 65 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 66 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
- 67 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 68 40CFR 60.49b(v), NSPS Subpart Db: Reporting and Recordkeeping - Electronic report submittal



69 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

EU=U-10001,Proc=200,ES=00001

- 70 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 71 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 72 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability.
- 73 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 74 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 75 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 76 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 77 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

EU=U-10001,Proc=200,ES=00002

- 1-3 40CFR 60.44b(a)(1), NSPS Subpart Db: Standards for oxides of nitrogen.
- 79 40CFR 60.45b(j), NSPS Subpart Db: Compliance Demonstration
- 80 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
- 81 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 82 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 83 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam Generating Unit Operating Conditions
- 84 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 85 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
- 86 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 87 40CFR 60.49b(r), NSPS Subpart Db: Compliance Demonstration
- 88 40CFR 60.49b(v), NSPS Subpart Db: Reporting and Recordkeeping - Electronic report submittal
- 89 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

EU=U-10001,Proc=200,ES=00003

- 90 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 91 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 92 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability.
- 93 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 94 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 95 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 96 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 97 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

EU=U-10001,Proc=200,ES=00004

- 1-4 40CFR 60.44b(a)(1), NSPS Subpart Db: Standards for oxides of nitrogen.
- 99 40CFR 60.45b(j), NSPS Subpart Db: Compliance Demonstration
- 100 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
- 101 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 102 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration



- 103 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam
Generating Unit Operating Conditions
- 104 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 105 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
- 106 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 107 40CFR 60.49b(r), NSPS Subpart Db: Compliance Demonstration
- 108 40CFR 60.49b(v), NSPS Subpart Db: Reporting and Recordkeeping -
Electronic report submittal
- 109 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

EU=U-10001,EP=00001,Proc=200,ES=00001

- 110 40CFR 60.45c(a), NSPS Subpart Dc: Compliance Demonstration
- 111 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 112 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

EU=U-10001,EP=00001,Proc=200,ES=00003

- 113 40CFR 60.45c(a), NSPS Subpart Dc: Compliance Demonstration
- 114 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 115 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 116 ECL 19-0301: Contaminant List
- 1-5 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 117 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 118 6 NYCRR Subpart 201-5: Emission Unit Definition
- 1-6 6 NYCRR 211.2: Air pollution prohibited
- 119 6 NYCRR 211.2: Air pollution prohibited
- 2-3 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 120 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 121 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.



(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2
Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: Permit Exclusion - ECL 19-0305
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Facility Permissible Emissions



Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

per year	CAS No: 007446-09-5 (From Mod 2)	PTE: 190,000 pounds
	Name: SULFUR DIOXIDE	
per year	CAS No: 0NY210-00-0 (From Mod 2)	PTE: 180,000 pounds
	Name: OXIDES OF NITROGEN	

Condition 2: Capping Monitoring Condition
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 2.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 2.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 2.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 2.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement,

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for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

To establish itself as a minor source, this facility will cap SO₂ emissions by monitoring monthly fuel consumption and by calculating emissions on a rolling 12 month basis using the following formula:

$$142S(A + B) + 0.6(C + CL + D + DL + G) + 138S(E) + 39.7F$$

A = mgal distillate oil combusted in boilers over 100 mmBtu/hour input

B = mgal distillate oil combusted in boilers under 100 mmBtu/hour input

C = mmcf natural gas combusted in boilers over 100 mmBtu/hour input

CL = mmcf natural gas combusted in low NO_x boilers over 100 mmBtu/hour input

D = mmcf natural gas combusted in boilers under 100 mmBtu/hour input

DL = mmcf natural gas combusted in low-NO_x boilers under 100mmBtu/hour input

E = mgal distillate oil combusted in large bore reciprocating engines

F = mgal distillate oil combusted in small bore reciprocating engines

G = mmcf natural gas combusted in reciprocating engines

S = percent sulfur content of liquid fuel combusted

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 190000 pounds

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

Subsequent reports are due every 12 calendar month(s).

Condition 3: Capping Monitoring Condition



Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 3.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 201-6

Item 3.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 3.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 3.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

To establish itself as a minor source, this facility will cap NOx emissions by monitoring monthly fuel consumption and by calculating emissions on a rolling 12 month basis



using the following formula:

$$24A + 20B + 190C + 140CL + 100D + 50DL + 438E + 604F + 2840G$$

A = mgal distillate oil combusted in boilers over 100 mmBtu/hour input

B = mgal distillate oil combusted in boilers under 100 mmBtu/hour input

C = mmcf natural gas combusted in boilers over 100 mmBtu/hour input

CL = mmcf natural gas combusted in low NOx boilers over 100 mmBtu/hour input

D = mmcf natural gas combusted in boilers under 100 mmBtu/hour input

DL = mmcf natural gas combusted in low-NOx boilers under 100mmBtu/hour input

E = mgal distillate oil combusted in large bore reciprocating engines

F = mgal distillate oil combusted in small bore reciprocating engines

G = mmcf natural gas combusted in reciprocating engines

S = percent sulfur content of liquid fuel combusted

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 180000 pounds

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

Subsequent reports are due every 12 calendar month(s).

Condition 2-1: Capping Monitoring Condition
Effective between the dates of 03/06/2013 and 05/03/2019

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 2-1.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a) (1)

Item 2-1.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 2-1.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

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Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 2-1.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-1.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-1.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

Item 2-1.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall emit no more than 99,000 tons of carbon dioxide equivalents per year. This will be recorded on a rolling 12 month basis by tracking the facilities fuel use.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2014.

Subsequent reports are due every 12 calendar month(s).

Condition 2-2: Air pollution prohibited

Effective between the dates of 03/06/2013 and 05/03/2019

Applicable Federal Requirement:6 NYCRR 211.1

Item 2-2.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor,

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determined on a 30 day rolling average basis.

Condition 8: Compliance and performance requirements.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.46b(e)(1), NSPS Subpart Db

Item 8.1:

This Condition applies to:

Emission Unit: U10001
Process: 100 Emission Source: 00002

Emission Unit: U10001
Process: 100 Emission Source: 00004

Emission Unit: U10001
Process: 200 Emission Source: 00002

Emission Unit: U10001
Process: 200 Emission Source: 00004

Item 8.2: For the initial compliance test, nitrogen oxides from the steam generating unit are monitored for 30 successive steam generating unit operating days and the 30-day average emission rate is used to determine compliance with the nitrogen oxides emission standards under §60.44b. The 30-day average emission rate is calculated as the average of all hourly emissions data recorded by the monitoring system during the 30-day test period.

Condition 9: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.46b(e)(4), NSPS Subpart Db

Item 9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-10001
Process: 100 Emission Source: 00002

Emission Unit: U-10001
Process: 100 Emission Source: 00004

Emission Unit: U-10001
Process: 200 Emission Source: 00002

Emission Unit: U-10001
Process: 200 Emission Source: 00004

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN



Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Following the date on which the initial performance test is completed or required to be completed under 40 CFR Part 60.8, whichever date comes first, the owner or operator of an affected facility which has a heat input capacity of 73 MW (250 million Btu/hour) or less and which combusts natural gas, distillate oil, or residual oil having a nitrogen content of 0.30 weight percent or less shall upon request determine compliance with the nitrogen oxides standards under 40 CFR Part 60.44b through the use of a 30-day performance test. During periods when performance tests are not requested, nitrogen oxides emissions data collected pursuant to 40 CFR Part 60.48b(g)(1) or 40 CFR Part 60.48b(g)(2) are used to calculate a 30-day rolling average emission rate on a daily basis and used to prepare excess emission reports, but will not be used to determine compliance with the nitrogen oxides emission standards. A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly nitrogen oxides emission data for the preceding 30 steam generating unit operating days.

Parameter Monitored: NITROGEN CONTENT

Upper Permit Limit: 0.30 percent by weight

Reference Test Method: EPA Method 7, 7A or

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

**Condition 10: Compliance demonstration - fuel supplier certifications.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement: 40CFR 60.46b(i), NSPS Subpart Db

Item 10.1:

This Condition applies to:

Emission Unit: U10001

Process: 100

Emission Source: 00002



Emission Unit: U-10001
Process: 100 Emission Source: 00004

Emission Unit: U-10001
Process: 200 Emission Source: 00002

Emission Unit: U-10001
Process: 200 Emission Source: 00004

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 13: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 40CFR 60.43c(c), NSPS Subpart Dc

Item 13.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-10001
Process: 200 Emission Source: 00001

Emission Unit: U-10001
Process: 200 Emission Source: 00003

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under 40 CFR

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60.8, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 14: PM limit for facilities that burn only oil with less than 0.5% sulfur
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.43c(e)(4), NSPS Subpart Dc

Item 14.1:

This Condition applies to:

Emission Unit: U10001

Process: 200

Emission Source: 00001

Emission Unit: U10001

Process: 200

Emission Source: 00003

Item 14.2:

On and after the date on which the initial performance test is completed or is required to be completed under 40 CFR 60.8, whichever date comes first, an owner or operator of an affected facility that commences construction, reconstruction, or modification after February 28, 2005, and that combusts only oil that contains no more than 0.50 weight percent sulfur or a mixture of 0.50 weight percent sulfur oil with other fuels not subject to a PM standard under 40 CFR 60.43c and not using a post-combustion technology (except a wet scrubber) to reduce PM or SO₂ emissions is not subject to the PM limit in 40 CFR 60 Subpart Dc 60.43c(e).

Condition 15: Compliance and performance test methods and procedures for particulate matter.

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.45c(d), NSPS Subpart Dc

Item 15.1:

This Condition applies to:

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Emission Unit: U10001

Process: 200

Emission Source: 00001

Emission Unit: U10001

Process: 200

Emission Source: 00003

Item 15.2:

The owner or operator of an affected facility seeking to demonstrate compliance under 40 CFR 60.43c(e)(4) shall follow the applicable procedures under 40 CFR 60.48c(f). For residual oil-fired affected facilities, fuel supplier certifications are only allowed for facilities with heat input capacities between 2.9 and 8.7 MW (10 to 30 MMBtu/hr).

Condition 16: Emissions monitoring

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.47c(c), NSPS Subpart Dc

Item 16.1:

This Condition applies to:

Emission Unit: U10001

Process: 200

Emission Source: 00001

Emission Unit: U10001

Process: 200

Emission Source: 00003

Item 16.2:

Affected facilities that burn only distillate oil that contains no more than 0.5 weight percent sulfur and/or liquid or gaseous fuels with potential sulfur dioxide emission rates of 26 ng/J (0.06 lb/MMBtu) heat input or less and that do not use a post-combustion technology to reduce SO₂ or PM emissions are not required to operate a CEMS for measuring opacity if they follow the applicable procedures under 40 CFR 60.48c(f).

Condition 17: Emission monitoring for particulate matter

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.47c(f), NSPS Subpart Dc

Item 17.1:

This Condition applies to:

Emission Unit: U10001

Process: 200

Emission Source: 00001

Emission Unit: U10001

Process: 200

Emission Source: 00003

Item 17.2:

An affected facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved

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Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 20: Fuel supplier certification
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(f)(4), NSPS Subpart Dc

Item 20.1:

This Condition applies to:

Emission Unit: U10001
Process: 100 Emission Source: 00001

Emission Unit: U10001
Process: 100 Emission Source: 00003

Item 20.2:

Fuel supplier certification shall include the following information:

- (i) The name of the supplier of the fuel;
- (ii) The potential sulfur emissions rate of the fuel in ng/J heat input; and
- (iii) The method used to determine the potential sulfur emissions rate of the fuel.

Condition 21: Alternative recordkeeping
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(g)(2), NSPS Subpart Dc

Item 21.1:

This Condition applies to:

Emission Unit: U10001
Process: 100 Emission Source: 00001

Emission Unit: U10001
Process: 100 Emission Source: 00003

Emission Unit: U10001

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Process: 200 Emission Source: 00001

Emission Unit: U10001
Process: 200 Emission Source: 00003

Item 21.2:

As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

Condition 22: Reporting period
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 40 CFR 60.48c(j), NSPS Subpart Dc

Item 22.1:

This Condition applies to:

Emission Unit: U10001
Process: 100 Emission Source: 00001

Emission Unit: U10001
Process: 100 Emission Source: 00003

Emission Unit: U10001
Process: 200 Emission Source: 00001

Emission Unit: U10001
Process: 200 Emission Source: 00003

Item 22.2:

The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period

****** Emission Unit Level ******

Condition 23: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 6 NYCRR 225-1.8 (a)

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001



Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum: supplier name, date of shipment, quantity shipped, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submittal to, NYSDEC upon request.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 24: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?



Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 25: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 6 NYCRR 227-1.3 (a)

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No owner or operator of a combustion installation shall

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operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 26: EPA Region 2 address.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 26.1:

This Condition applies to Emission Unit: U-10001

Item 26.2:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

**Condition 27: Date of construction notification - If a COM is not used.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.7(a), NSPS Subpart A

Item 27.1:

This Condition applies to Emission Unit: U-10001



Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A

Item 29.1:

This Condition applies to Emission Unit: U-10001

Item 29.2:

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

Condition 30: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.7(c), NSPS Subpart A

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the



continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 31: Excess Emissions Report
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.7(d), NSPS Subpart A

Item 31.1:
This Condition applies to Emission Unit: U-10001

Item 31.2:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 32: Monitoring frequency waiver.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.7(e), NSPS Subpart A

Item 32.1:
This Condition applies to Emission Unit: U-10001

Item 32.2: Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.

Condition 33: Facility files for subject sources.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A

Item 33.1:
This Condition applies to Emission Unit: U-10001

Item 33.2:
The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained



for at least two years following the date of such measurements, reports, and records.

Condition 34: Notification Similar to State or Local Agency
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.7(g), NSPS Subpart A

Item 34.1:

This Condition applies to Emission Unit: U-10001

Item 34.2:

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

Condition 35: Performance testing timeline.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.8(a), NSPS Subpart A

Item 35.1:

This Condition applies to Emission Unit: U-10001

Item 35.2:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 36: Performance Test Methods - Waiver EU Level
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A

Item 36.1:

This Condition applies to Emission Unit: U-10001

Item 36.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

Condition 37: Performance test methods.
Effective between the dates of 05/04/2009 and 05/03/2019



Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A

Item 37.1:

This Condition applies to Emission Unit: U-10001

Item 37.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 38: Required performance test information.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.8(c), NSPS Subpart A

Item 38.1:

This Condition applies to Emission Unit: U-10001

Item 38.2:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 39: Prior notice.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.8(d), NSPS Subpart A

Item 39.1:

This Condition applies to Emission Unit: U-10001

Item 39.2:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 40: Performance testing facilities.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.8(e), NSPS Subpart A

Item 40.1:

This Condition applies to Emission Unit: U-10001

Item 40.2:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;



- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 41: Number of required tests.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.8(f), NSPS Subpart A

Item 41.1:
This Condition applies to Emission Unit: U-10001

Item 41.2:
Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 42: Availability of information.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 42.1:
This Condition applies to Emission Unit: U-10001

Item 42.2:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 43: Opacity standard compliance testing.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 43.1:
This Condition applies to Emission Unit: U-10001

Item 43.2:
The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and



3) all other applicable conditions cited in section 60.11 of this part.

Condition 44: Circumvention.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 44.1:
This Condition applies to Emission Unit: U-10001

Item 44.2:
No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 45: Monitoring requirements.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 45.1:
This Condition applies to Emission Unit: U-10001

Item 45.2:
All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 46: Modifications.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 46.1:
This Condition applies to Emission Unit: U-10001

Item 46.2:
Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 47: Reconstruction.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 47.1:
This Condition applies to Emission Unit: U-10001



Item 47.2:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 48: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(a), NSPS Subpart Dc

Item 48.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00001

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

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(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.

(3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 49: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(i), NSPS Subpart Dc

Item 49.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00001

Item 49.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-1: Standards for oxides of nitrogen.
Effective between the dates of 05/17/2011 and 05/03/2019

Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db

Item 1-1.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 1-1.2:

Oxides of nitrogen emissions while firing natural gas or distillate oil in high heat release rate units shall not exceed 0.20 lb/mmBtu.

Condition 51: Alternative monitoring for oxides of nitrogen.



Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48b(g), NSPS Subpart Db

Item 51.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 51.2:

Facilities may monitor their affected unit then predict the oxides of nitrogen emission rate in accordance with a plan as specified in subdivision 40 CFR 60D-b.49b(c).

Condition 52: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(a), NSPS Subpart Db

Item 52.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 52.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,



(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 53: Plan for Monitoring of Steam Generating Unit Operating Conditions

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 40CFR 60.49b(c), NSPS Subpart Db

Item 53.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 53.2:

The owner or operator of each affected facility subject to the nitrogen oxides standard of 40 CFR Part 60.44b who seeks to demonstrate compliance with those standards through the monitoring of steam generating unit operating conditions under the provisions of 40 CFR Part 60.48b(g)(2) shall submit to the Administrator for approval a plan that identifies the operating conditions to be monitored under 40 CFR Part 60.48b(g)(2) and the records to be maintained under 40 CFR Part 60.49b(j). This plan shall be submitted to the Administrator for approval within 360 days of the initial startup of the affected facility. The plan shall:

(1) Identify the specific operating conditions to be monitored and the relationship between these operating conditions and nitrogen oxides emission rates (i.e., ng/J or lbs/million Btu heat input). Steam generating unit operating conditions include, but are not limited to, the degree of staged combustion (i.e., the ratio of primary air to secondary and/or tertiary air) and the level of excess air (i.e., flue gas oxygen level);

(2) Include the data and information that the owner or operator used to identify the relationship between nitrogen oxides emission rates and these operating conditions;

(3) Identify how these operating conditions, including steam generating unit load, will be monitored under 40 CFR Part 60.48b(g) on an hourly basis by the owner or operator during the period of operation of the affected facility; the quality assurance procedures or practices that will be employed to ensure that the data generated by monitoring these operating conditions will be representative and accurate; and the type and format of the records of these operating conditions, including steam generating unit load, that will be maintained by the owner or operator under 40 CFR Part 60.49b(j).

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If the plan is approved, the owner or operator shall maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan.

Condition 54: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(h), NSPS Subpart Db

Item 54.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 54.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 55: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(j), NSPS Subpart Db

Item 55.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 55.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility subject to

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the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semiannual reporting period. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 56: Records Retention

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(o), NSPS Subpart Db

Item 56.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 56.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 57: Reporting and Recordkeeping - Electronic report submittal

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(v), NSPS Subpart Db

Item 57.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 57.2:

The owner or operator of an affected facility may submit electronic quarterly reports for SO₂ and/or NO_x and/or opacity in lieu of submitting the written reports required under paragraphs (h), (i), (j), (k) or (l) of 40 CFR 60.49b. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period. Before submitting reports in the electronic format, the owner or operator shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format.

Condition 58: Reporting Period

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(w), NSPS Subpart Db

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Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Item 58.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 58.2:

The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Condition 59: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 40CFR 60.48c(a), NSPS Subpart Dc

Item 59.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00003

Item 59.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.

(3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 60: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019



Applicable Federal Requirement:40CFR 60.48c(i), NSPS Subpart Dc

Item 60.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00003

Item 60.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-2: Standards for oxides of nitrogen.

Effective between the dates of 05/17/2011 and 05/03/2019

Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db

Item 1-2.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 1-2.2:

Oxides of nitrogen emissions while firing natural gas or distillate oil in high heat release rate units shall not exceed 0.20 lb/mmBtu.

Condition 62: Alternative monitoring for oxides of nitrogen.

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48b(g), NSPS Subpart Db

Item 62.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 62.2:

Facilities may monitor their affected unit then predict the oxides of nitrogen emission rate in accordance with a plan as specified in subdivision 40 CFR 60D-b.49b(c).

Condition 63: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019



Applicable Federal Requirement: 40CFR 60.49b(a), NSPS Subpart Db

Item 63.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 63.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Plan for Monitoring of Steam Generating Unit Operating



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Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(c), NSPS Subpart Db

Item 64.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 64.2:

The owner or operator of each affected facility subject to the nitrogen oxides standard of 40 CFR Part 60.44b who seeks to demonstrate compliance with those standards through the monitoring of steam generating unit operating conditions under the provisions of 40 CFR Part 60.48b(g)(2) shall submit to the Administrator for approval a plan that identifies the operating conditions to be monitored under 40 CFR Part 60.48b(g)(2) and the records to be maintained under 40 CFR Part 60.49b(j). This plan shall be submitted to the Administrator for approval within 360 days of the initial startup of the affected facility. The plan shall:

(1) Identify the specific operating conditions to be monitored and the relationship between these operating conditions and nitrogen oxides emission rates (i.e., ng/J or lbs/million Btu heat input). Steam generating unit operating conditions include, but are not limited to, the degree of staged combustion (i.e., the ratio of primary air to secondary and/or tertiary air) and the level of excess air (i.e., flue gas oxygen level);

(2) Include the data and information that the owner or operator used to identify the relationship between nitrogen oxides emission rates and these operating conditions;

(3) Identify how these operating conditions, including steam generating unit load, will be monitored under 40 CFR Part 60.48b(g) on an hourly basis by the owner or operator during the period of operation of the affected facility; the quality assurance procedures or practices that will be employed to ensure that the data generated by monitoring these operating conditions will be representative and accurate; and the type and format of the records of these operating conditions, including steam generating unit load, that will be maintained by the owner or operator under 40 CFR Part 60.49b(j).

If the plan is approved, the owner or operator shall maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan.

Condition 65: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(h), NSPS Subpart Db

Item 65.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 65.2:

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Facility DEC ID: 4010100153



This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 67.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

**Condition 68: Reporting and Recordkeeping - Electronic report submittal
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.49b(v), NSPS Subpart Db

Item 68.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 68.2:

The owner or operator of an affected facility may submit electronic quarterly reports for SO₂ and/or NO_x and/or opacity in lieu of submitting the written reports required under paragraphs (h), (i), (j), (k) or (l) of 40 CFR 60.49b. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period. Before submitting reports in the electronic format, the owner or operator shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format.

**Condition 69: Reporting Period
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.49b(w), NSPS Subpart Db

Item 69.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 69.2:

The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

**Condition 70: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc

Item 70.1:

The Compliance Demonstration activity will be performed for:

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Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 70.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.50 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 71: Exemption from the averaging period.

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.42c(h), NSPS Subpart Dc

Item 71.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 71.2:

Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

Condition 72: Enforceability.

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.42c(i), NSPS Subpart Dc

Item 72.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 72.2:

The sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations shall

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apply at all times, including periods of startup, shutdown, and malfunction.

Condition 73: Enforceability of particulate matter and opacity standards.

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.43c(d), NSPS Subpart Dc

Item 73.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 73.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 74: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc

Item 74.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 74.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

THE FACILITY OWNER AND/OR OPERATOR MUST DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF 40 CFR 60.42c(h). FACILITIES DEMONSTRATING COMPLIANCE USING THE FUEL SUPPLIER CERTIFICATION, FOR SULFUR-IN-FUEL LIMITATIONS (BASED ON A PERCENT BY WEIGHT OF SULFUR IN THE FUEL), SHALL SUBMIT THE CERTIFICATION IN ACCORDANCE WITH THE PROVISIONS OF 40 CFR 60.48c(f)(1), (2), AND (3), AS APPLICABLE.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: SINGLE OCCURRENCE

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Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 75: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.46c(e), NSPS Subpart Dc

Item 75.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 75.2:

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

**Condition 76: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.48c(a), NSPS Subpart Dc

Item 76.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 76.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

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Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 77: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(i), NSPS Subpart Dc

Item 77.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 77.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-3: Standards for oxides of nitrogen.
Effective between the dates of 05/17/2011 and 05/03/2019

Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db

Item 1-3.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 1-3.2:

Oxides of nitrogen emissions while firing natural gas or distillate oil in high heat release rate units shall not exceed 0.20 lb/mmBtu.

Condition 79: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.45b(j), NSPS Subpart Db

Item 79.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00002

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Item 79.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as described in §60.49b(r).

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

**Condition 80: Alternative sulfur dioxide monitoring method.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.47b(f), NSPS Subpart Db

Item 80.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 80.2:

Facilities which combust very low sulfur oil are not subject to the requirements of section 40 CFR 60-Db.47b if fuel receipts are obtained in accordance with subdivision 40 CFR 60-Db.49b(r).

**Condition 81: Alternative monitoring for oxides of nitrogen.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.48b(g), NSPS Subpart Db

Item 81.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 81.2:

Facilities may monitor their affected unit then predict the oxides of nitrogen emission rate in accordance with a plan as specified in subdivision 40 CFR 60D-b.49b(c).

**Condition 82: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019**



Applicable Federal Requirement: 40CFR 60.49b(a), NSPS Subpart Db

Item 82.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 82.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 83: Plan for Monitoring of Steam Generating Unit Operating Conditions



Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(c), NSPS Subpart Db

Item 83.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 83.2:

The owner or operator of each affected facility subject to the nitrogen oxides standard of 40 CFR Part 60.44b who seeks to demonstrate compliance with those standards through the monitoring of steam generating unit operating conditions under the provisions of 40 CFR Part 60.48b(g)(2) shall submit to the Administrator for approval a plan that identifies the operating conditions to be monitored under 40 CFR Part 60.48b(g)(2) and the records to be maintained under 40 CFR Part 60.49b(j). This plan shall be submitted to the Administrator for approval within 360 days of the initial startup of the affected facility. The plan shall:

(1) Identify the specific operating conditions to be monitored and the relationship between these operating conditions and nitrogen oxides emission rates (i.e., ng/J or lbs/million Btu heat input). Steam generating unit operating conditions include, but are not limited to, the degree of staged combustion (i.e., the ratio of primary air to secondary and/or tertiary air) and the level of excess air (i.e., flue gas oxygen level);

(2) Include the data and information that the owner or operator used to identify the relationship between nitrogen oxides emission rates and these operating conditions;

(3) Identify how these operating conditions, including steam generating unit load, will be monitored under 40 CFR Part 60.48b(g) on an hourly basis by the owner or operator during the period of operation of the affected facility; the quality assurance procedures or practices that will be employed to ensure that the data generated by monitoring these operating conditions will be representative and accurate; and the type and format of the records of these operating conditions, including steam generating unit load, that will be maintained by the owner or operator under 40 CFR Part 60.49b(j).

If the plan is approved, the owner or operator shall maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan.

Condition 84: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(h), NSPS Subpart Db

Item 84.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 84.2:

Compliance Demonstration shall include the following monitoring:

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Process: 200

Emission Source: 00002

Item 86.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 87: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(r), NSPS Subpart Db

Item 87.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 87.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 88: Reporting and Recordkeeping - Electronic report submittal
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(v), NSPS Subpart Db

Item 88.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002



Item 88.2:

The owner or operator of an affected facility may submit electronic quarterly reports for SO₂ and/or NO_X and/or opacity in lieu of submitting the written reports required under paragraphs (h), (i), (j), (k) or (l) of 40 CFR 60.49b. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period. Before submitting reports in the electronic format, the owner or operator shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format.

Condition 89: Reporting Period

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(w), NSPS Subpart Db

Item 89.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 89.2:

The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Condition 90: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc

Item 90.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 90.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

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Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.50 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

**Condition 91: Exemption from the averaging period.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.42c(h), NSPS Subpart Dc

Item 91.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 91.2:

Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

**Condition 92: Enforceability.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.42c(i), NSPS Subpart Dc

Item 92.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 92.2:

The sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations shall apply at all times, including periods of startup, shutdown, and malfunction.

**Condition 93: Enforceability of particulate matter and opacity standards.
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.43c(d), NSPS Subpart Dc

Item 93.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 93.2:

The particulate matter and opacity standards

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of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 94: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc

Item 94.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 94.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

THE FACILITY OWNER AND/OR OPERATOR MUST DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF 40 CFR 60.42c(h). FACILITIES DEMONSTRATING COMPLIANCE USING THE FUEL SUPPLIER CERTIFICATION, FOR SULFUR-IN-FUEL LIMITATIONS (BASED ON A PERCENT BY WEIGHT OF SULFUR IN THE FUEL), SHALL SUBMIT THE CERTIFICATION IN ACCORDANCE WITH THE PROVISIONS OF 40 CFR 60.48c(f)(1), (2), AND (3), AS APPLICABLE.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 95: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.46c(e), NSPS Subpart Dc

Item 95.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 95.2:

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

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Condition 96: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(a), NSPS Subpart Dc

Item 96.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 96.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 97: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(i), NSPS Subpart Dc

Item 97.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 97.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 1-4: Standards for oxides of nitrogen.
Effective between the dates of 05/17/2011 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.44b(a)(1), NSPS Subpart Db

Item 1-4.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 1-4.2:

Oxides of nitrogen emissions while firing natural gas or distillate oil in high heat release rate units shall not exceed 0.20 lb/mmBtu.

**Condition 99: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019**

Applicable Federal Requirement:40CFR 60.45b(j), NSPS Subpart Db

Item 99.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 99.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as described in §60.49b(r).

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

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Condition 100: Alternative sulfur dioxide monitoring method.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.47b(f), NSPS Subpart Db

Item 100.1:

This Condition applies to Emission Unit: U-10001
Process: 200 Emission Source: 00004

Item 100.2:

Facilities which combust very low sulfur oil are not subject to the requirements of section 40 CFR 60-Db.47b if fuel receipts are obtained in accordance with subdivision 40 CFR 60-Db.49b(r).

Condition 101: Alternative monitoring for oxides of nitrogen.
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48b(g), NSPS Subpart Db

Item 101.1:

This Condition applies to Emission Unit: U-10001
Process: 200 Emission Source: 00004

Item 101.2:

Facilities may monitor their affected unit then predict the oxides of nitrogen emission rate in accordance with a plan as specified in subdivision 40 CFR 60D-b.49b(c).

Condition 102: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(a), NSPS Subpart Db

Item 102.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001
Process: 200 Emission Source: 00004

Item 102.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall



include:

- (1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),
- (3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,
- (4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 103: Plan for Monitoring of Steam Generating Unit Operating Conditions

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 40CFR 60.49b(c), NSPS Subpart Db

Item 103.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 103.2:

The owner or operator of each affected facility subject to the nitrogen oxides standard of 40 CFR Part 60.44b who seeks to demonstrate compliance with those standards through the monitoring of steam generating unit operating conditions under the provisions of 40 CFR Part 60.48b(g)(2) shall submit to the Administrator for approval a plan that identifies the operating conditions to be monitored under 40 CFR Part 60.48b(g)(2) and the records to be maintained under 40 CFR Part 60.49b(j). This plan shall be submitted to the Administrator



for approval within 360 days of the initial startup of the affected facility. The plan shall:

(1) Identify the specific operating conditions to be monitored and the relationship between these operating conditions and nitrogen oxides emission rates (i.e., ng/J or lbs/million Btu heat input). Steam generating unit operating conditions include, but are not limited to, the degree of staged combustion (i.e., the ratio of primary air to secondary and/or tertiary air) and the level of excess air (i.e., flue gas oxygen level);

(2) Include the data and information that the owner or operator used to identify the relationship between nitrogen oxides emission rates and these operating conditions;

(3) Identify how these operating conditions, including steam generating unit load, will be monitored under 40 CFR Part 60.48b(g) on an hourly basis by the owner or operator during the period of operation of the affected facility; the quality assurance procedures or practices that will be employed to ensure that the data generated by monitoring these operating conditions will be representative and accurate; and the type and format of the records of these operating conditions, including steam generating unit load, that will be maintained by the owner or operator under 40 CFR Part 60.49b(j).

If the plan is approved, the owner or operator shall maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan.

Condition 104: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement: 40CFR 60.49b(h), NSPS Subpart Db

Item 104.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 104.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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Subsequent reports are due every 6 calendar month(s).

Condition 105: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(j), NSPS Subpart Db

Item 105.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 105.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility subject to the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semiannual reporting period. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 106: Records Retention
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(o), NSPS Subpart Db

Item 106.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 106.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 107: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(r), NSPS Subpart Db

Item 107.1:

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Emission Unit: U-10001

Process: 200

Emission Source: 00004

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 107.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 108: Reporting and Recordkeeping - Electronic report submittal

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(v), NSPS Subpart Db

Item 108.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 108.2:

The owner or operator of an affected facility may submit electronic quarterly reports for SO₂ and/or NO_X and/or opacity in lieu of submitting the written reports required under paragraphs (h), (i), (j), (k) or (l) of 40 CFR 60.49b. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period. Before submitting reports in the electronic format, the owner or operator shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format.

Condition 109: Reporting Period

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.49b(w), NSPS Subpart Db

Item 109.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 109.2:

The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Condition 110: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.45c(a), NSPS Subpart Dc

Item 110.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Emission Point: 00001

Process: 200

Emission Source: 00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 110.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

initial performance test required by 40CFR60.8

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 111: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(e)(11), NSPS Subpart Dc

Item 111.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Emission Point: 00001

Process: 200

Emission Source: 00001

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 111.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep records as required under §60.48c(d) including the following information.

If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph §60.48c(f)(1)(2) or (3). In addition to records of fuel supplier certification, the semi-annual report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 112: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 112.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 112.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



i) The name of the oil supplier, and

ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 113: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.45c(a), NSPS Subpart Dc

Item 113.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Emission Point: 00001

Process: 200

Emission Source: 00003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 113.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

initial performance test required by 40CFR60.8

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 114: Compliance Demonstration
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(e)(11), NSPS Subpart Dc

Item 114.1:

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Emission Point: 00001

Process: 200

Emission Source: 00003

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 114.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall keep records as required under §60.48c(d) including the following information.

If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph §60.48c(f)(1)(2) or (3). In addition to records of fuel supplier certification, the semi-annual report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 115: Compliance Demonstration

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 115.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Emission Point: 00001

Process: 200

Emission Source: 00003

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 115.2:

Compliance Demonstration shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

- i) The name of the oil supplier, and

- ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state only enforceable.



Condition 116: Contaminant List

Effective between the dates of 05/04/2009 and 05/03/2019

Applicable State Requirement:ECL 19-0301

Item 116.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY750-00-0

Name: CARBON DIOXIDE EQUIVALENTS

Condition 1-5: Unavoidable noncompliance and violations

Effective between the dates of 05/17/2011 and 05/03/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 1-5.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after



becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 117: Unavoidable noncompliance and violations
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable State Requirement:6 NYCRR 201-1.4

Item 117.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or



operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 118: Emission Unit Definition
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 118.1(From Mod 1):

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-10001

Emission Unit Description:

THIS UNIT CONSISTS OF FOUR HIGH TEMPERATURE HOT WATER GENERATORS LOCATED IN THE CENTRALIZED BOILER PLANT(POWER PLANT) OF BUILDING 18. THE EMISSION SOURCES WILL COMBUST NATURAL GAS AS A PRIMARY FUEL AND VERY LOW SULFUR (0.3%) DISTILLATE OIL AS A SECONDARY FUEL TO GENERATE HOT WATER FOR SPACE HEATING AND FOR SUMMER COOLING. THE SOURCES WILL EMIT THROUGH A COMMON STACK AND WILL BE OPERATED SUCH THAT MAXIMUM INPUT WILL NOT EXCEED 250 MMBTU/H. RESIDUAL OIL WILL NO LONGER BE COMBUSTED AT THIS FACILITY.

Building(s): 18



Height (ft.): 100 Diameter (in.): 78
NYTMN (km.): 4726.623 NYTME (km.): 595.593 Building: 18

Condition 121: Process Definition By Emission Unit
Effective between the dates of 05/04/2009 and 05/03/2019

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 121.1(From Mod 1):

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-10001
Process: 100 Source Classification Code: 1-03-006-01

Emission Source/Control: 00001 - Combustion
Design Capacity: 79.3 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 122 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 79.3 million Btu per hour

Emission Source/Control: 00004 - Combustion
Design Capacity: 122 million Btu per hour

Item 121.2(From Mod 1):

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-10001
Process: 200 Source Classification Code: 1-03-005-03

Emission Source/Control: 00001 - Combustion
Design Capacity: 79.3 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 122 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 79.3 million Btu per hour

Emission Source/Control: 00004 - Combustion
Design Capacity: 122 million Btu per hour

