



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-0101-00153/00006
Effective Date: 05/04/2019 Expiration Date: 05/03/2029

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:
Renewal

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: NANCY M BAKER
NYSDEC - REGION 4
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

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 the expiration of permits for Title V and 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.

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 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

Permit Issued To: STATE UNIVERSITY OF NEW YORK
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

Permit Effective Date: 05/04/2019

Permit Expiration Date: 05/03/2029



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 211.2: Visible Emissions Limited
- 2 40CFR 60.42b(k)(1), NSPS Subpart Db: Exemption from sulfur dioxide standard.
- 3 40CFR 60.43b(h)(5), NSPS Subpart Db: Exemption from PM standards.
- 4 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard
- 5 40CFR 60.44b(i), NSPS Subpart Db: Averaging period
- 6 40CFR 60.46b(e)(1), NSPS Subpart Db: Compliance and performance requirements.
- 7 40CFR 60.46b(e)(4), NSPS Subpart Db: Compliance Demonstration
- 8 40CFR 60.46b(i), NSPS Subpart Db: Compliance demonstration - fuel supplier certifications.
- 9 40CFR 60.48b(j), NSPS Subpart Db: PM monitoring exemption.
- 10 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
- 11 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 12 40CFR 60.43c(e)(4), NSPS Subpart Dc: PM limit for facilities that burn only oil with less than 0.5% sulfur
- 13 40CFR 60.45c(d), NSPS Subpart Dc: Compliance and performance test methods and procedures for particulate matter.
- 14 40CFR 60.47c(c), NSPS Subpart Dc: Emissions monitoring
- 15 40CFR 60.47c(f), NSPS Subpart Dc: Emission monitoring for particulate matter
- 16 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Demonstration
- 17 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration
- 18 40CFR 60.48c(f)(4), NSPS Subpart Dc: Fuel supplier certification
- 19 40CFR 60.48c(g)(2), NSPS Subpart Dc: Alternative recordkeeping
- 20 40CFR 60.48c(j), NSPS Subpart Dc: Reporting period

Emission Unit Level

EU=U-10001

- 21 6 NYCRR 227-1.3: Compliance Demonstration
- 22 6 NYCRR 227-1.3 (a): Compliance Demonstration
- 23 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 24 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 25 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 26 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 27 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 28 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 29 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 30 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 31 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 32 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 33 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

- 68 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 69 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 70 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 71 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 72 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 73 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 74 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

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

- 75 40CFR 60.44b(a)(1), NSPS Subpart Db: Standards for oxides of nitrogen.
- 76 40CFR 60.45b(j), NSPS Subpart Db: Compliance Demonstration
- 77 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
- 78 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 79 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 80 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam Generating Unit Operating Conditions
- 81 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
- 82 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
- 83 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 84 40CFR 60.49b(r), NSPS Subpart Db: Compliance Demonstration
- 85 40CFR 60.49b(v), NSPS Subpart Db: Reporting and Recordkeeping - Electronic report submittal
- 86 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

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

- 87 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 88 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 89 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 90 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 91 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 92 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 93 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 94 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

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

- 95 40CFR 60.44b(a)(1), NSPS Subpart Db: Standards for oxides of nitrogen.
- 96 40CFR 60.45b(j), NSPS Subpart Db: Compliance Demonstration
- 97 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
- 98 40CFR 60.48b(g), NSPS Subpart Db: Alternative monitoring for oxides of nitrogen.
- 99 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
- 100 40CFR 60.49b(c), NSPS Subpart Db: Plan for Monitoring of Steam Generating Unit Operating Conditions
- 101 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



- 102 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
- 103 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
- 104 40CFR 60.49b(r), NSPS Subpart Db: Compliance Demonstration
- 105 40CFR 60.49b(v), NSPS Subpart Db: Reporting and Recordkeeping -
Electronic report submittal
- 106 40CFR 60.49b(w), NSPS Subpart Db: Reporting Period

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

- 107 40CFR 60.45c(a), NSPS Subpart Dc: Compliance Demonstration
- 108 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
- 109 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

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

- 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

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 113 ECL 19-0301: Contaminant List
- 114 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 115 6 NYCRR Subpart 201-5: Emission Unit Definition
- 116 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 117 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 118 6 NYCRR 211.1: Air pollution prohibited

Emission Unit Level

- 119 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 120 6 NYCRR Subpart 201-5: Process Definition By Emission Unit



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: 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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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 L: 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: Visible Emissions Limited
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:6 NYCRR 211.2

Item 1.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 2: Exemption from sulfur dioxide standard.
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.42b(k)(1), NSPS Subpart Db

Item 2.1: Units firing only oil that contains no more than 0.3 weight percent sulfur or any individual fuel with a potential sulfur dioxide emission rates of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from all other sulfur dioxide emission limits in this paragraph.

Condition 3: Exemption from PM standards.
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.43b(h)(5), NSPS Subpart Db

Item 3.1: On or 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 0.3 weight percent sulfur or other liquid or gaseous fuels with potential sulfur dioxide emission rates of 140 ng/J (0.32 lb/MMBtu) heat input or less is not subject to the PM limits in this section.

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Process: 200

Emission Source: 00004

Regulated Contaminant(s):

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

Item 7.2:

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 7/30/2019.

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

**Condition 8: Compliance demonstration - fuel supplier certifications.
Effective between the dates of 05/04/2019 and 05/03/2029**

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

Item 8.1: Units burning only oil that contains no more than 0.3 weight percent sulfur or liquid or gaseous fuels with a potential sulfur dioxide emission rates of 140 ng/J (0.32



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

The initial report is due 7/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 11: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 11.1:

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 11.2:

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 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 12: PM limit for facilities that burn only oil with less than 0.5% sulfur
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 12.1:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 13: Compliance and performance test methods and procedures for particulate matter.

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 13.1:

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 14: Emissions monitoring

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 14.1:

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 15: Emission monitoring for particulate matter

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 15.1:

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 by the appropriate delegated permitting authority is not required to operate a COMS for measuring opacity. This monitoring plan must include procedures and criteria for establishing and monitoring specific parameters for the affected facility indicative of compliance with the opacity standard.

Condition 16: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 16.1:

The Compliance Demonstration activity will be performed for the facility:



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

The Compliance Demonstration applies to:

Emission Unit: U-10001

Process: 200

Emission Source: 00001

Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each coal-fired, oil-fired, or wood-fired affected facility subject to the opacity limits under 40 CFR 60.43c(c) shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2019.

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

Condition 17: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 17.1:

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 17.2:

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)

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Reports due 30 days after the reporting period.
The initial report is due 7/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 18: Fuel supplier certification
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 18.1:

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 19: Alternative recordkeeping
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 19.1:

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 20: Reporting period
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 20.1:

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 21: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001



Item 21.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 22: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Item 22.2:

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 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 23: EPA Region 2 address.
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 23.1:

This Condition applies to Emission Unit: U-10001

Item 23.2:

All requests, reports, applications, submittals, and other communications to the



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

system performance commences, post marked not less than 30 days prior to such date;

6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

Condition 25: Modification Notification
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 25.1:

This Condition applies to Emission Unit: U-10001

Item 25.2:

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

Condition 26: Recordkeeping requirements.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 26.1:

This Condition applies to Emission Unit: U-10001

Item 26.2:

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 27: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 27.1:

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

Item 27.2:

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 7/30/2019.

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

Condition 28: Excess Emissions Report
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 28.1:

This Condition applies to Emission Unit: U-10001

Item 28.2:

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 29: Monitoring frequency waiver.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 29.1:

This Condition applies to Emission Unit: U-10001

Item 29.2: 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 30: Facility files for subject sources.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 30.1:

This Condition applies to Emission Unit: U-10001

Item 30.2:

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 31: Notification Similar to State or Local Agency
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 31.1:

This Condition applies to Emission Unit: U-10001

Item 31.2:

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 32: Performance testing timeline.

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 32.1:

This Condition applies to Emission Unit: U-10001

Item 32.2:

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 33: Performance Test Methods - Waiver EU Level

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 33.1:

This Condition applies to Emission Unit: U-10001

Item 33.2:

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 34: Performance test methods.

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 34.1:

This Condition applies to Emission Unit: U-10001

Item 34.2:

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 35: Required performance test information.

Effective between the dates of 05/04/2019 and 05/03/2029



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

Item 35.1:

This Condition applies to Emission Unit: U-10001

Item 35.2:

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 36: Prior notice.

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 36.1:

This Condition applies to Emission Unit: U-10001

Item 36.2:

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

Condition 37: Performance testing facilities.

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 37.1:

This Condition applies to Emission Unit: U-10001

Item 37.2:

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 38: Number of required tests.

Effective between the dates of 05/04/2019 and 05/03/2029



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

Item 38.1:

This Condition applies to Emission Unit: U-10001

Item 38.2:

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 39: Availability of information.
Effective between the dates of 05/04/2019 and 05/03/2029**

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 39.1:

This Condition applies to Emission Unit: U-10001

Item 39.2:

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 40: Opacity standard compliance testing.
Effective between the dates of 05/04/2019 and 05/03/2029**

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 40.1:

This Condition applies to Emission Unit: U-10001

Item 40.2:

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 41: Circumvention.
Effective between the dates of 05/04/2019 and 05/03/2029**



Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 41.1:

This Condition applies to Emission Unit: U-10001

Item 41.2:

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 42: Monitoring requirements.

Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 42.1:

This Condition applies to Emission Unit: U-10001

Item 42.2:

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

Condition 43: Modifications.

Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 43.1:

This Condition applies to Emission Unit: U-10001

Item 43.2:

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 44: Reconstruction.

Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 44.1:

This Condition applies to Emission Unit: U-10001

Item 44.2:

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 45: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 45.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00001

Item 45.2:

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.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

(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 46: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 46.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00001

Item 46.2:

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 47: Standards for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 47.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 47.2:

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

Condition 48: Alternative monitoring for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 48.1:

This Condition applies to Emission Unit: U-10001
Process: 100 Emission Source: 00002

Item 48.2:

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 49: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 49.1:

The Compliance Demonstration activity will be performed for:

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

Item 49.2:

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 50: Plan for Monitoring of Steam Generating Unit Operating Conditions

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 50.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 50.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 51: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 51.2:

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 7/30/2019.

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

Condition 52: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

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:

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 7/30/2019.

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

Condition 53: Records Retention

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 53.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 53.2:

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 54: Reporting and Recordkeeping - Electronic report submittal

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 54.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 54.2:

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 55: Reporting Period

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 55.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00002

Item 55.2:

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 56: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 56.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00003

Item 56.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Condition 57: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 57.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00003

Item 57.2:

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 58: Standards for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 58.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 58.2:

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 59: Alternative monitoring for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 59.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 59.2:

Facilities may monitor their affected unit then

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



predict the oxides of nitrogen emission rate in accordance with a plan as specified in subdivision 40 CFR 60D-b.49b(c).

Condition 60: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 60.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 60.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 61: Plan for Monitoring of Steam Generating Unit Operating Conditions

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 61.1:

This Condition applies to Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 61.2:

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 62: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029



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

Item 62.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 100

Emission Source: 00004

Item 62.2:

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 7/30/2019.

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

Condition 63: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.49b(j), 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 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.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

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 67: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 67.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 67.2:

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 7/30/2019.

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

Condition 68: Exemption from the averaging period.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 68.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 68.2:

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.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

Condition 69: Enforceability
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 69.1:

This Condition applies to Emission Unit: U-10001
Process: 200 Emission Source: 00001

Item 69.2:

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 70: Enforceability of particulate matter and opacity standards.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 70.1:

This Condition applies to Emission Unit: U-10001
Process: 200 Emission Source: 00001

Item 70.2:

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 71: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 71.1:

The Compliance Demonstration activity will be performed for:

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

Item 71.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 72: Exemption from sulfur dioxide monitoring requirements. Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 72.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 72.2:

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 73: Compliance Demonstration Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 73.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00001

Item 73.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 74: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.48c(i), 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: 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 75: Standards for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 75.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Item 75.2:

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 76: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 76.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 76.2:

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 7/30/2019.

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

Condition 77: Alternative sulfur dioxide monitoring method.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 77.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 77.2:

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).

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Condition 78: Alternative monitoring for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 78.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 78.2:

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 79: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 79.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 79.2:

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 80: Plan for Monitoring of Steam Generating Unit Operating Conditions

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 80.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 80.2:

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

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 81: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 81.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 81.2:

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 7/30/2019.

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

Condition 82: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 7/30/2019.

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

Condition 83: Records Retention

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 83.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 83.2:

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 84: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 84.1:

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 84.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 7/30/2019.

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

**Condition 85: Reporting and Recordkeeping - Electronic report submittal
Effective between the dates of 05/04/2019 and 05/03/2029**

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

Item 85.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 85.2:

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 86: Reporting Period
Effective between the dates of 05/04/2019 and 05/03/2029**

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

Item 86.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00002

Item 86.2:

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.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

Condition 87: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 87.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 87.2:

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 7/30/2019.

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

Condition 88: Exemption from the averaging period.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 88.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 88.2:

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 89: Enforceability
Effective between the dates of 05/04/2019 and 05/03/2029



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

Item 89.1:

This Condition applies to Emission Unit: U-10001
Process: 200 Emission Source: 00003

Item 89.2:

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 90: Enforceability of particulate matter and opacity standards.

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 90.1:

This Condition applies to Emission Unit: U-10001
Process: 200 Emission Source: 00003

Item 90.2:

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 91: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 91.1:

The Compliance Demonstration activity will be performed for:

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

Item 91.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 92: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 05/04/2019 and 05/03/2029**

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

Item 92.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 92.2:

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 93: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029**

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

Item 93.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00003

Item 93.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 94: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.48c(i), 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: 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 95: Standards for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 95.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 95.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Condition 96: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 96.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 96.2:

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 7/30/2019.

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

Condition 97: Alternative sulfur dioxide monitoring method.
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 97.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 97.2:

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 98: Alternative monitoring for oxides of nitrogen.
Effective between the dates of 05/04/2019 and 05/03/2029



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

Item 98.1:

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

Item 98.2:

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 99: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable Federal Requirement:40CFR 60.49b(a), 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 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 100: Plan for Monitoring of Steam Generating Unit Operating Conditions

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 100.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 100.2:

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,

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 101: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 101.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 101.2:

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 7/30/2019.

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

Condition 102: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 7/30/2019.

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

Condition 103: Records Retention

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 103.1:

This Condition applies to Emission Unit: U-10001

Process: 200

Emission Source: 00004

Item 103.2:

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 104: Compliance Demonstration

Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 104.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-10001

Process: 200

Emission Source: 00004

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 104.2:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 7/30/2019.
Subsequent reports are due every 6 calendar month(s).

**Condition 105: Reporting and Recordkeeping - Electronic report submittal
Effective between the dates of 05/04/2019 and 05/03/2029**

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

Item 105.1:

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

Item 105.2:

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 106: Reporting Period
Effective between the dates of 05/04/2019 and 05/03/2029**

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

Item 106.1:

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

Item 106.2:

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 107: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029**

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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

Item 107.1:

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 107.2:

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 108: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Dc

Item 108.1:

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 108.2:

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.

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 7/30/2019.

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

Condition 109: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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

Item 109.1:

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 109.2:

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:

- 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)



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

Reports due 30 days after the reporting period.
The initial report is due 7/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 110: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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: 00003

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 05/04/2019 and 05/03/2029

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: 00003

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153

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 7/30/2019.

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

Condition 112: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029

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: 00003

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:

- 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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 7/30/2019.

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: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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 B: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance



with 6 NYCRR Part 616 - Public Access to Records.
Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: **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 113: Contaminant List

Effective between the dates of 05/04/2019 and 05/03/2029

Applicable State Requirement:ECL 19-0301

Item 113.1:

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



Condition 114: Malfunctions and start-up/shutdown activities
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable State Requirement:6 NYCRR 201-1.4

Item 114.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 115: Emission Unit Definition
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 115.1:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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.

Building(s): 18

**Condition 116: Renewal deadlines for state facility permits
Effective between the dates of 05/04/2019 and 05/03/2029**

Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 116.1:

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 117: Compliance Demonstration
Effective between the dates of 05/04/2019 and 05/03/2029**

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 117.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 117.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 4
1130 N. Westcott Rd.
Schenectady, NY 12306

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2020.

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



Condition 118: Air pollution prohibited
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable State Requirement:6 NYCRR 211.1

Item 118.1:

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, pollen, toxic or deleterious emission, either alone or in combination with others.

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

Condition 119: Emission Point Definition By Emission Unit
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 119.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-10001

Emission Point: 00001

Height (ft.): 100

Diameter (in.): 78

NYTMN (km.): 4726.623 NYTME (km.): 595.593 Building: 18

Condition 120: Process Definition By Emission Unit
Effective between the dates of 05/04/2019 and 05/03/2029

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 120.1:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00006

Facility DEC ID: 4010100153



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 120.2:

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