PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6202-00167/00005
Mod 0 Effective Date: 11/22/2010 Expiration Date: 11/21/2015

Mod 1 Effective Date: 07/11/2011 Expiration Date: 11/21/2015

Mod 2 Effective Date: 10/01/2012 Expiration Date: 11/21/2015

Permit Issued To:TRUSTEES OF COLUMBIA UNIVERSITY IN CITY OF NEW YORK
535 W 116TH ST
NEW YORK, NY 10027

Contact: FRANK MARTINO
COLUMBIA UNIV - PHYSICAL PLANT
410 W 118TH ST
NEW YORK, NY 10027
(212) 854-0794

Facility: COLUMBIA UNIVERSITY-410 W 118TH ST
410 W 118TH ST
NEW YORK, NY 10027

Contact: FRANK MARTINO
COLUMBIA UNIV - PHYSICAL PLANT
410 W 118TH ST
NEW YORK, NY 10027
(212) 854-0794

Description:
The Columbia University Morningside Heights campus (facility) covers an area of about 4.5 million square feet (about 70 buildings) in the upper west side of Manhattan. The Standard Industrial Classification (SIC) codes are 8221 - Educational Services (Colleges, Universities, and Professional Schools) and 4961 - Electric, Gas, and Sanitary Services (Steam and Air Conditioning Supply).

A Title V Air Permit was issued to the facility on 8/3/2000 and a modified Title V Air Permit in response to EPA's Order, dated 12/16/2002 was issued on 12/10/2003. The Title V permit was renewed on 1/13/2006 with an expiration date of 1/12/2011; and again on 11/22/2010 with an expiration date of 11/21/2015. The permit was modified earlier on 7/11/2011 to include the compliance option with the stack test requirements once per permit term instead of continuous emission monitoring for NOx.

This application is to request permit modification to phase out use of residual # 6 fuel oil by 6/30/2014 and incorporate use of distillate # 2 fuel oil. The facility plans to modify the burner management system of the current four boilers to enable to combust distillate # 2 fuel oil, prior to 6/30/2014. This modification addresses this change.

The major air pollution source on campus is the central steam boiler plant which is located in the basement of the "Center for Engineering and Physical Science Research" building at 530 West 120th Street. The boilers provide steam used for heating during the winter and cooling during the summer at the various campus buildings.

The facility consists of four boilers, each with a heat input of 99.5 million Btu per hour. The combustion fuel currently is residual fuel oil (# 6 oil) or Natural Gas. With the requested modification, the boilers will combust Natural Gas or distillate # 2 fuel oil. The air permit prohibits the operation of more than three boilers simultaneously. One of the four boilers is used as a back up boiler. Three of the four boilers (Boiler # 1 through # 3) were installed with low NOx burners, as per purchase order, dated 8/22/1988 and the construction commenced in December, 1988. These 3 boilers are not subject to New Source Performance Standards (NSPS). The fourth boiler was installed with low NOx burner and flue gas recirculation technology in September, 1998. The facility must comply with New Source Performance Standards (NSPS) under 40 CFR 60, for the fourth boiler, installed in 1998. Permit conditions given under NSPS 40 CFR Subpart Dc are applicable to the fourth boiler only. Flue gas recirculation (FGR) technology was added to Boiler # 1 in 2002.

The facility has capped out of the Prevention of Significant Deterioration (PSD), 40CFR52.21, requirement by accepting federal enforceable permit conditions and limiting the Oxide of Nitrogen emissions to 181 tons for any 12 month rolling period, and limiting the Sulfur Dioxide emissions to 149 tons for any 12 month rolling period. This PSD capping has been in effect from the previously permitted action. With this Title V permit action, the facility will maintain the current capped emission limits for NOx and SO2. The requested modification does not trigger any NSR or PSD requirements.

The net increase of NOx, VOC, and CO emissions for the past five years is zero. Therefore, NYCRR Part 231-2 is not applicable with the addition of the fourth back up boiler. The applicant has proposed compliance monitoring conditions to monitor the emissions.

The facility has meters which measure the natural gas and fuel oil used in each boiler. It operates a continuous opacity meter (COM).

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: JOHN F CRYAN
NYSDEC
47-40 21ST ST
LONG ISLAND CITY, NY 11101-5407

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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

LIST OF CONDITIONS

DEC GENERAL CONDITIONS
General Provisions
Facility Inspection by the Department
Relationship of this Permit to Other Department Orders and Determinations
Applications for permit renewals, modifications and transfers
Permit modifications, suspensions or revocations by the Department
Permit modifications, suspensions or revocations by the Department
Facility Level
Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS

DEC GENERAL CONDITIONS
****** General Provisions ******
For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:
The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:
The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:
Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be

submitted prior to actual transfer of ownership.

Condition 1-1: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:
The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:
The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Condition 5: Submission of application for permit modification or renewal - REGION 2 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 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407

(718) 482-4997

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:TRUSTEES OF COLUMBIA UNIVERSITY IN CITY OF NEW YORK
535 W 116TH ST
NEW YORK, NY 10027

Facility: COLUMBIA UNIVERSITY-410 W 118TH ST
410 W 118TH ST
NEW YORK, NY 10027

Authorized Activity By Standard Industrial Classification Code:
4961 - STEAM SUPPLY
8221 - COLLEGES AND UNIVERSITIES, NEC

Mod 0 Permit Effective Date: 11/22/2010 Permit Expiration Date: 11/21/2015

Mod 1 Permit Effective Date: 07/11/2011 Permit Expiration Date: 11/21/2015

Mod 2 Permit Effective Date: 10/01/2012 Permit Expiration Date: 11/21/2015

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

1 6 NYCRR 200.6: Acceptable Ambient Air Quality
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2 6 NYCRR 201-6.5 (a) (7): Fees
3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
6 6 NYCRR 201-6.5 (e): Compliance Certification
7 6 NYCRR 202-2.1: Compliance Certification
8 6 NYCRR 202-2.5: Recordkeeping requirements
9 6 NYCRR 215.2: Open Fires - Prohibitions
10 6 NYCRR 200.7: Maintenance of Equipment
11 6 NYCRR 201-1.7: Recycling and Salvage
12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
19 6 NYCRR 202-1.1: Required Emissions Tests
20 6 NYCRR 211.3: Visible Emissions Limited
21 40 CFR Part 68: Accidental release provisions.
22 40CFR 82, Subpart F: Recycling and Emissions Reduction
23 6 NYCRR Subpart 201-6: Emission Unit Definition
1-2 6 NYCRR 202-1.1: Required Emissions Tests - Facility Level
1-3 6 NYCRR 202-1.2: Notification
1-4 6 NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
1-5 6 NYCRR 211.1: Air pollution prohibited
2-1 6 NYCRR 225-1.2 (a) (2): Compliance Certification
24 6 NYCRR 225.1 (a) (3): Compliance Certification
25 6 NYCRR 225.7 (a): Compliance Certification
26 6 NYCRR 227-1.4 (b): Compliance Certification
27 6 NYCRR 227-1.7 (b): Emissions data requirements.
2-2 40CFR 52.21(j), Subpart A: Compliance Certification
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28 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification - if a COM is used
29 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
30 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
31 40CFR 60.9, NSPS Subpart A: Availability of information.
32 40CFR 60.14, NSPS Subpart A: Modifications.

33 40CFR 60.15, NSPS Subpart A: Reconstruction

Emission Unit Level

34 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
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36 6 NYCRR 225-1.8: Compliance Certification
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40 6 NYCRR 227-2.6 (b): Testing, monitoring, and reporting requirements
41 6 NYCRR 227.2 (b) (1): Compliance Certification
42 6 NYCRR Subpart 231-2: Compliance Certification
45 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
46 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
47 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
48 40CFR 60.8, NSPS Subpart A: Performance tests
49 40CFR 60.40c, NSPS Subpart Dc: Applicability of this Subpart to this emission source
50 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Certification
51 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Certification
52 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Certification
53 40CFR 60.46c(d)(1), NSPS Subpart Dc: Compliance Certification
54 40CFR 60.47c, NSPS Subpart Dc: Compliance Certification
55 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Certification
56 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
58 40CFR 60.48c(f)(2), NSPS Subpart Dc: Compliance Certification
59 40CFR 60.48c(g), NSPS Subpart Dc: Reporting and recordkeeping
60 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

EU=U-00101,Proc=001

1-8 40CFR 52.21(j), Subpart A: Compliance Certification
62 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00101,Proc=002

1-9 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00101,EP=00101

65 6 NYCRR 227.5 (a): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

66 ECL 19-0301: Contaminant List
67 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
68 6 NYCRR 211.2: Air pollution prohibited
1-10 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

EU=U-00101

69 6 NYCRR 227-1.4 (a): Compliance Demonstration
2-6 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Demonstration
2-7 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Demonstration

FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: **Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.3 (a) (4)**
Owners and/or operators of facilities having an issued Title V 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.

Item D: **Certification by a Responsible Official - 6 NYCRR 201-6.3 (d) (12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: **Requirement to Comply With All Conditions - 6 NYCRR 201-6.5 (a) (2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.5 (a) (3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: **Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5 (a) (5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: **Property Rights - 6 NYCRR 201-6.5 (a) (6)**

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: **Severability - 6 NYCRR 201-6.5 (a) (9)**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: **Permit Shield - 6 NYCRR 201-6.5 (g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: **Reopening for Cause - 6 NYCRR 201-6.5 (i)**

This Title V permit shall be reopened and revised under any of the following circumstances:

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is

three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: **Permit Exclusion - ECL 19-0305**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York

(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: **Acceptable Ambient Air Quality**
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
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.

Condition 1-1: **Fees**
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (7)

Item 1-1.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 2: **Fees**
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (7)

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (c)

Item 3.1:
The following information must be included in any required compliance monitoring records and reports:

(i) The date, place, and time of sampling or measurements;

(ii) The date(s) analyses were performed;

(iii)The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (c) (2)

Item 4.1:
Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (c) (3) (ii)

Item 5.1:
The Compliance Certification activity will be performed for the Facility.

Item 5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above

referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (e)

Item 6.1:
The Compliance Certification activity will be performed for the Facility.

Item 6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

i. Compliance certifications shall contain:
- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:
(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:
Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2
Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:
(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
(b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
(c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
(d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of

being fully burned within a 24-hour period.
(e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
(f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
(g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
(i) Prescribed burns performed according to Part 194 of this Title.
(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:
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.

Condition 11: Recycling and Salvage
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:
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 the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:
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.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 13.1:
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 this Subpart. 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 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.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 14.1:
The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 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.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (4)

Item 15.1:
The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (8)

Item 16.1:
The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (d) (5)

Item 17.1:
Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 201-6.5 (f) (6)

Item 18.1:
No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 19.1:
For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 20: Visible Emissions Limited
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 211.3

Item 20.1:
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 21: Accidental release provisions.
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40 CFR Part 68

Item 21.1:
If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will

apply:

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:
The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 23: Emission Unit Definition
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1(From Mod 2):
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00101
Emission Unit Description:
THIS UNIT CONSISTS OF FOUR (4) BOILERS OF SAME SIZE (EACH B & W FM 103-88; WITH A MAXIMUM DESIGN HEAT INPUT CAPACITY OF 99.5 MILLION BTU/HOUR), DISCHARGING TO A COMMON EXISTING STACK. ALL ARE BURNING NATURAL GAS OR NO. 6 OIL, USING LOW NOx BURNERS. BOILERS ARE LOCATED IN BASEMENT OF CEPSR BUILDING (530 WEST 120 ST). COMMON STACK EXTENDS ABOVE BUILDING ROOF.

THREE (3) BOILERS (# B&W01 THRU B&W03) WITH LOW NOx BURNERS WERE INSTALLED AS PER THE PURCHASE ORDER, DATED 8/22/1988. THE FOURTH BOILER (#B&W04) WITH FLUE GAS RECIRCULATION & LOW NOx BURNER WAS INSTALLED IN SEP. 1998. AT ANY TIME, NOT MORE THAN THREE (3) BOILERS ARE PERMITTED TO OPERATE SIMULTANEOUSLY.

NO. 6 OIL WILL BE FIRED UNTIL THE FUEL SWITCHING TO NO. 2 OIL IS COMPLETED, LATEST BY 06/30/2014. THE EXHAUST GASES ARE DISCHARGED TO THE ATMOSPHERE VIA A COMMON STACK.

Building(s): CEPSR

Condition 1-2: Required Emissions Tests - Facility Level
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 1-2.1:
An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Condition 1-3: Notification
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 202-1.2

Item 1-3.1:
A person who is required by the commissioner to submit a stack test report shall notify the commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

Condition 1-4: Acceptable procedures - Stack test report submittal
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 202-1.3

Item 1-4.1:
Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

Condition 1-5: Air pollution prohibited
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 211.1

Item 1-5.1:
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.

Condition 2-1: Compliance Certification
Effective between the dates of 10/01/2012 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 225-1.2 (a) (2)

Item 2-1.1:
The Compliance Certification activity will be performed for the Facility.

Item 2-1.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
No person shall use, purchase, sell, or offer for sale any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.20 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 24: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 225.1 (a) (3)

Item 24.1:
The Compliance Certification activity will be performed for the Facility.

Item 24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
No person shall sell, offer for sale, purchase or use any residual oil which has sulfur content greater than 0.30 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 6 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 225.7 (a)

Item 25.1:
The Compliance Certification activity will be performed for the Facility.

Item 25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum, supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submitted to, the NYSDEC as per the stated reporting requirement.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227-1.4 (b)

Item 26.1:
The Compliance Certification activity will be performed for the Facility.

Item 26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity monitoring system (COMS) shall include the following in their quarterly excess emission reports:

1) Magnitude, date, and time of each exceedence;

2) For each period of excess emissions, specific identification of the cause and corrective action taken;

3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;

4) Total time the COMS is required to record data during the reporting period;

5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and

6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 27: Emissions data requirements.
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227-1.7 (b)

Item 27.1:
Sampling, compositing, and analysis of fuel samples shall be conducted in accordance with methods acceptable to the commissioner.

Condition 2-2: Compliance Certification
Effective between the dates of 10/01/2012 and 11/21/2015

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 2-2.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 2-2.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
To cap out of PSD, total facility wide emissions of Oxides of Nitrogen (NOx) must not exceed 181.0 tons per year for any 12 month rolling period. Exceedance of the annual (any 12 month rolling period) limit will be considered a violation of the Federal Prevention of Significant Deterioration (PSD) regulations and will lead to enforcement action.

The facility is also required to comply with its hourly NOx emission limit, maintain record of calculations for the hourly pounds per hour NOx limits and report the hourly NOx and the annual (any 12 month rolling period) limit on quarterly basis.

The facility will use either fuel oil # 6 or fuel oil # 2 and Natural Gas in a combination so as to remain under 181 tons per year of NOx. Use of fuel oil # 6 will terminate by 6/30/2014 on all four boilers

Reference Test Method: 40 CFR60 App A Meth7
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 2-3: Compliance Certification
Effective between the dates of 10/01/2012 and 11/21/2015

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 2-3.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 2-3.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To cap out of PSD, total facility wide annual emissions of Sulfur Dioxide (SO2) must not exceed 149.0 tons per year for any 12 months rolling period. Exceedance of this limit will be considered a violation of the Federal Prevention of Significant Deterioration (PSD) regulations and will lead to enforcement action.

The facility is required to monitor fuel consumption for each boiler on an hourly basis utilizing a continuous flow meter and recording device to measure cubic feet of natural gas and gallons of fuel oil. The facility is also required to comply with its hourly SO2 emission limits, maintain records of calculations and report on quarterly basis. Using EPA emission factors, an automated data acquisition system will calculate and report the SO2 emissions hourly, and for any 12 months rolling period on a quarterly basis.

The hourly SO2 emission limit is 104.5 pounds per hour and 298,000 pounds per any 12 month rolling period.

The total quantity of fuel oil (#6 oil or #2 oil) used must be less than 6.28 million gallons annually for any 12 month rolling period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 1-6: Compliance Certification
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 1-6.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 1-6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To cap out of PSD, total facility wide emissions of Oxides of Nitrogen (NOx) must not exceed 181.0 tons per year for any 12 month rolling period. Exceedance of the annual (any 12 month rolling period) limit will be considered a violation of the Federal Prevention of Significant Deterioration (PSD) regulations and will lead to enforcement action.

The facility is also required to comply with its hourly NOx emission limit, maintain record of calculations for the hourly pounds per hour NOx limits and report the hourly NOx and the annual (any 12 month rolling period) limit on quarterly basis.

Reference Test Method: 40 CFR60 App A Meth7
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 1-7: Compliance Certification
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 1-7.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 1-7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To cap out of PSD, total facility wide annual emissions of Sulfur Dioxide (SO2) must not exceed 149.0 tons per year for any 12 months rolling period. Exceedance of this limit will be considered a violation of the Federal Prevention of Significant Deterioration (PSD) regulations and will lead to enforcement action.

The facility is required to monitor fuel consumption for

each boiler on an hourly basis utilizing a continuous flow meter and recording device to measure cubic feet of natural gas and gallons of residual fuel oil (# 6 oil). The facility is also required to comply with its hourly SO2 emission limits, maintain records of calculations and report on quarterly basis. Using EPA emission factors, an automated data acquisition system will calculate and report the SO2 emissions hourly, and for any 12 months rolling period on a quarterly basis.

The hourly SO2 emission limit is 104.5 pounds per hour and 298,000 pounds per any 12 month rolling period.

The quantity of residual fuel oil (#6 oil) used must be less than 6.28 million gallons annually for any 12 month rolling period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 28: Date of Construction Notification - if a COM is used
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 28.1:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;

3) a notification of the actual date of initial start up, post marked within 15 days after such date;

4) 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 this part. 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, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;

5) a notification of the date upon which the demonstration of continuous monitoring 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, if a continuous opacity monitor is not being used at the facility; and

7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, post marked not less than 30 days prior to the performance test.

Condition 29: Recordkeeping requirements.
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 29.1:
Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 30: Facility files for subject sources.
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 30.1:
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 performance evaluations;all continuous 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 inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 31: Availability of information.
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 31.1:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

Condition 32: Modifications.
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 32.1:
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 33: Reconstruction
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 33.1:
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.

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

Condition 34: Emission Point Definition By Emission Unit
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 34.1(From Mod 0):
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00101

Emission Point: 00101
Height (ft.): 212 Diameter (in.): 48
NYTMN (km.): 4518.123 NYTME (km.): 587.733 Building: CEPSR

Condition 35: Process Definition By Emission Unit
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 35.1(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00101
Process: 001 Source Classification Code: 1-03-004-01
Process Description:
FOUR (4) PACKAGE BOILERS, EACH RATED AT 99.5 MMBTU/HR, GENERATE STEAM FOR HEATING AND COOLING NUMEROUS CAMPUS BUILDINGS. ALL BOILERS HAVE THE CAPABILITY TO BURN NO. 6 OIL OR NATURAL GAS. IN THIS PROCESS NO. 6 OIL IS BEING BURNED.

Emission Source/Control: 00001 - Combustion
Design Capacity: 99.5 million Btu per hour

Item 35.2(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00101
Process: 002 Source Classification Code: 1-02-006-02
Process Description:
FOUR (4) PACKAGE BOILERS, EACH RATED 99.5 MMBTU/HR, GENERATE STEAM FOR HEATING AND COOLING NUMEROUS BUILDINGS. ALL BOILERS HAVE THE CAPABILITY TO BURN NO. 6 OIL OR NATURAL GAS. IN THIS PROCESS NATURAL GAS IS COMBUSTED.

Emission Source/Control: 00001 - Combustion
Design Capacity: 99.5 million Btu per hour

Item 35.3(From Mod 2):
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00101
Process: 003 Source Classification Code: 1-03-006-01
Process Description:
PROCESS 003 IS WHEN ONE OR MORE OF THE FOUR (4) PACKAGED BOILERS, EACH RATED AT 99.5 MMBTU/HR, FIRE NO. 2 FUEL OIL AND FLUE GASES EXHAUST VIA THE COMMON STACK. THIS PROCESS WILL BEGIN PRIOR TO 6/30/2014 OR EARLIER WHEN NO. 6 FUEL OIL USAGE WILL TERMINATE. THESE BOILERS GENERATE STEAM FOR HEATING AND COOLING NUMEROUS CAMPUS BUILDINGS.

Emission Source/Control: 00001 - Combustion
Design Capacity: 99.5 million Btu per hour

Condition 36: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 225-1.8

Item 36.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility is required to retain up to three years, and submit to NYSDEC, information on the quantity of residual fuel oil (# 6 oil) received and burned. The quantity of residual fuel oil (# 6 oil) must be less than 6.28 million gallons annually for any 12-month rolling period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 37.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Item 37.2:
Compliance Certification 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 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 utilizing a continuous opacity monitor (COM).

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 38: Stack Monitoring
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227-1.4 (c)

Item 38.1:
This Condition applies to Emission Unit: U-00101

Item 38.2:
If the sum of the maximum heat input capacity of all furnaces, which are operated simultaneously and are connected to a common air cleaning device and/or a common stack exceeds 250 million Btu per hour maximum heat input capacity, stack monitoring shall be required for such combustion installation in accordance with 6 NYCRR Part 227-1.4. The continuous stack monitoring and reporting requirements of this section as they may pertain to existing stationary combustion installlations shall apply witihin one year after the effective date of this section, or by such later date as determined by an order of the commissioner.

Condition 2-4: Compliance Certification
Effective between the dates of 10/01/2012 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1) (i)

Item 2-4.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 2-4.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This condition applies to distillate oil fired mid-size boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.12 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 2-5: Compliance Certification
Effective between the dates of 10/01/2012 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1) (i)

Item 2-5.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 2-5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

This condition applies to distillate oil/gas fired mid-size boilers. By switching from residual oil # 6 to distillate oil # 2, the facility chooses the fuel switching option under 6 NYCRR 227-2.5(a), that states that the owner or operator of an emission source subject to this Subpart may commit to burning a cleaner fuel between May 1st and September 30th of each year. Fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the emission source complied with the applicable presumptive RACT emission limits set forth in section 227-2.4 of this Subpart.

The facility is subject to a NOx limit is 0.12 pounds per million Btus until June 30, 2014. In case, this 0.12 limit is violated, the facility must demonstrate the quantity of NOx emission due to that exceedance is compensated by the quantity of NOx emission reduction caused by fuel switching to distillate oil. Failing to demonstrate this will be deemed as a violation.

The facility must maintain records of its total NOx emissions on daily basis and quantify of annual NOx

emission rolled daily on-site for a period of minimum five years.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 64: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227-2.4 (c) (1) (i)

Item 64.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 64.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This condition applies to residual oil fired or residual oil/gas fired mid-size boilers and is applicable until June 30th 2014. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - method 7, 7E, or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Testing, monitoring, and reporting requirements
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227-2.6 (b)

Item 40.1:
This Condition applies to Emission Unit: U-00101

Item 40.2:
This facility is required to comply with the testing, monitoring, and reporting requirements of 6NYCRR Part 227-2.6(b).

Condition 41: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227.2 (b) (1)

Item 41.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Particulate emission limit for stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

1) Submit to the Department an acceptable protocol for the testing of particulate emission limit cited in this condition.

2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.

3) All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
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 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR Subpart 231-2

Item 42.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each boiler shall not exceed a maximum heat input of 99.5 million BTU/hr. At any time, not more than 3 boilers are permitted to operate simultaneously. The facility must maintain records in a log book indicating which boilers are in operation at any time.

Manufacturer Name/Model Number: ROSEMOUNT 951A
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 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 45: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 45.1:
This Condition applies to Emission Unit: U-00101

Item 45.2:
This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 46: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 46.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Item 46.2:
Compliance Certification 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 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Excess Emissions Report
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 47.1:
This Condition applies to Emission Unit: U-00101

Item 47.2:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 48: Performance tests
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 60.8, NSPS Subpart A

Item 48.1:
This Condition applies to Emission Unit: U-00101

Item 48.2:
This emission unit is subject to the requirements of 40CFR60-A.8 performance testing.

Condition 49: Applicability of this Subpart to this emission source
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 60.40c, NSPS Subpart Dc

Item 49.1:
This Condition applies to Emission Unit: U-00101

Item 49.2:
This emission source is subject to the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

Condition 50: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 50.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 50.2:
Compliance Certification 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 0.30 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 51.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 51.2:
Compliance Certification 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 §60.8 of this part, 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 thatn 27 percent opacity.

Parameter Monitored: OPACITY
Upper Permit Limit: 20.0 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 52.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 52.2:
Compliance Certification shall include the following monitoring:

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

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 60.46c(d)(1), NSPS Subpart Dc

Item 53.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 53.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
As an alternative to operating a CEMs at the inlet to the SO2 control device (or outlet of the steam generating unit if no SO2 control device is used) as required under paragraph §60.46c (a), an owner or operator may elect to determine the average SO2 emission rate by sampling fuel prior to combustion.

For affected facilities combusting coal or oil, coal or oil samples shall be collected daily in an as-fired condition at the inlet to the steam generating unit and anlayzed for sulfur content and heat content according the Method 19. Method 19 provides the procedures for converting these measurements into the format to be used in calculating the average SO2 input rate.

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
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 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 54.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 54.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No owner or operator of an affected facility that combusts oil and has heat input capacity greater than 30 mmbtu/hr shall cause to be discharged into the atmosphere

from that affected facility any gases that exhibit greater than 20 percent opacity averaging over 6-minutes, except for one 6-minite period per hour of not more than 27% opacity.

Facilities combusting oil subject to section 40 CFR 60-Dc.43c shall install, calibrate, maintain, and operate CEMs for opacity. All CEMs shall be operated in accordance with appendix B of part 40 CFR 60.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 55: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 55.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Item 55.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

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

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

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 56: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 56.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

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

Item 56.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each affected facility subject to the SO2 emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 58.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Item 58.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner and/or operator of the affected facility shall maintain records containing the following data:

i) name of the residual oil supplier;

ii) the location of the oil when the sample was drawn for

analysis of the sulfur content of the oil, specifically including whether the oil was sampled as delivered to the affected facility, or whether the sample was drawn from oil storage at the oil supplier's or oil refiner's facility, or other location;

iii) the sulfur content of the oil from which the shipment came (or of the shipment itself); and

iv) the method used to determine the sulfur content of the oil.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 59: Reporting and recordkeeping
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 59.1:
This Condition applies to Emission Unit: U-00101

Item 59.2:
The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Condition 60: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

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

Item 60.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101

Item 60.2:
Compliance Certification 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, for determining compliance with the NSPS requirements.

** NOTE** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 1-8: Compliance Certification
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 1-8.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101
Process: 001

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

Item 1-8.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility is required to comply with its hourly NOx emission limits, maintain record of calculations for the hourly pounds per hour NOx limits and report the hourly NOx and the annual (any 12 month rolling period) limit on quarterly basis.

The pounds per hour NOx emission limits when firing residual oil (# 6 oil) for Process 001 is 89.55 pounds per hour.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 89.55 pounds per hour
Reference Test Method: 40 CFR60 App A Meth7
Monitoring Frequency: HOURLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 62: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 62.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101
Process: 001

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

Item 62.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility is required to comply with its hourly SO2 emission limits, maintain record of calculations for the hourly pounds per hour SO2 limits and report the hourly SO2 and the annual (any 12 month rolling period) limit on quarterly basis.

The pounds per hour SO2 emission limits when firing residual oil (# 6 oil) for Process 001 is 104.5 pounds per hour.

Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 104.5 pounds per hour
Monitoring Frequency: HOURLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 1-9: Compliance Certification
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable Federal Requirement:40CFR 52.21(j), Subpart A

Item 1-9.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101
Process: 002

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

Item 1-9.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility is required to comply with its hourly NOx emission limits, maintain record of calculations for the hourly pounds per hour NOx limits and report the hourly NOx and the annual (any 12 month rolling period) limit on quarterly basis.

The pounds per hour NOx emission limits when firing natural gas for Process 002 is 29.85 pounds per hour.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 29.85 pounds per hour
Reference Test Method: 40 CFR60 App A Meth7
Monitoring Frequency: HOURLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable Federal Requirement:6 NYCRR 227.5 (a)

Item 65.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00101 Emission Point: 00101

Item 65.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Smoke emissions shall be continuously monitored and recorded for any stationary combustion installation of more than 250 million Btu per hour total heat input. Data shall be recorded and maintained as per a QA/QC plan approved by the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 3 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: **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 applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 66: Contaminant List
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable State Requirement:ECL 19-0301

Item 66.1:
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 67: Unavoidable noncompliance and violations
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable State Requirement:6 NYCRR 201-1.4

Item 67.1:
At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

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

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

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

Condition 68: Air pollution prohibited
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable State Requirement:6 NYCRR 211.2

Item 68.1:
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.

Condition 1-10: Visible Emissions Limited
Effective between the dates of 07/11/2011 and 11/21/2015

Applicable State Requirement:6 NYCRR 211.2

Item 1-10.1:
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.

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

Condition 69: Compliance Demonstration
Effective between the dates of 11/22/2010 and 11/21/2015

Applicable State Requirement:6 NYCRR 227-1.4 (a)

Item 69.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00101

Item 69.2:
Compliance Demonstration shall include the following monitoring:

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

Any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity, and when sulfur dioxide continuous monitoring is required by Part 225 of this Title, for continuously monitoring and recording either the percent oxygen or carbon dioxide in the flue gases from such installations at all times that the combustion installation is in service. Where gas is the only fuel burned, monitoring and recording of opacity is not required.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Apendix B, 40 CFR 60
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 2-6: Compliance Demonstration
Effective between the dates of 10/01/2012 and 11/21/2015

Applicable State Requirement:6 NYCRR 227-2.4 (c) (1) (ii)

Item 2-6.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00101

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

Item 2-6.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
This condition applies to distillate oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.08 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 6 calendar month(s).

Condition 2-7: Compliance Demonstration
Effective between the dates of 10/01/2012 and 11/21/2015

Applicable State Requirement:6 NYCRR 227-2.4 (c) (1) (ii)

Item 2-7.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00101

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

Item 2-7.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This condition applies to distillate oil/gas fired mid-size boilers. By switching from residual oil # 6 to distillate oil # 2, the facility chooses the fuel switching option under 6 NYCRR 227-2.5(a), that states that the owner or operator of an emission source subject to this Subpart may commit to burning a cleaner fuel between May 1st and September 30th of each year. Fuel switching must result in quantifiable annual NOx emissions equal to or less than the NOx emissions expected if the emission source complied with the applicable presumptive RACT emission limits set forth in section 227-2.4 of this Subpart.

The facility is subject to a NOx limit is 0.08 pounds per million Btus effective July 1, 2014. In case, this 0.08 limit is violated, the facility must demonstrate the quantity of NOx emission due to that exceedance is

compensated by the quantity of NOx emission reduction caused by fuel switching to distillate oil. Failing to demonstrate this will be deemed as a violation.

The facility must maintain records of its total NOx emissions on daily basis and quantify of annual NOx emission rolled daily on-site for a period of minimum five years.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 6 calendar month(s).