



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 1-2820-00553/00025
Effective Date: 02/24/2011 Expiration Date: 02/23/2016

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 1-2820-00553/00033
Effective Date: 02/24/2011 Expiration Date: 02/23/2016

Permit Issued To: NATIONAL GRID GENERATION LLC
175 E OLD COUNTRY RD
HICKSVILLE, NY 11801

NATIONAL GRID CORPORATE SERVICES LLC
175 E OLD COUNTRY RD
HICKSVILLE, NY 11801

Contact: CHRISTOPHER CORRADO
NATIONAL GRID GENERATION LLC
175 E OLD COUNTRY ROAD
HICKSVILLE, NY 11801
(516) 545-2556

Facility: EF BARRETT POWER STATION
1 MCCARTHY RD
ISLAND PARK, NY 11558

Description:

This is a renewal of the facility's Title V permit, and a modification of the permit to include conditions developed in response to the USEPA's Clean Air Interstate Rule (CAIR). The facility consists of two (2) 185 MWe turbine/generator boiler sets operating on natural gas, #1, #2 or #6 fuel oils. The combustion turbines operate on either natural gas, #1, or #2 fuel oils. In addition, an industrial steam boiler is maintained on site for building heat. In addition to pipeline natural gas, #1, #2 and #6 fuel oil, the steam turbine boilers can burn waste oil generated on and off site for energy recovery, and may incinerate citrosolv, a boiler cleaning solution, following boiler chemical cleaning. There are numerous tanks used for storing distillate, lubrication and/or electrical cable oils at this facility. Twelve combustion turbine-generators (four of which contain two engines per generator) are maintained on site to meet system load demands.

New York State Department of Environmental Conservation
Facility DEC ID: 1282000553



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: ROGER EVANS
 NYSDEC - SUNY @ STONY BROOK
 50 CIRCLE RD
 STONY BROOK, NY 11790-3409

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal -
REGION 1 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 to the Department for review and approval.



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 1 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365

New York State Department of Environmental Conservation

Permit ID: 1-2820-00553/00025

Facility DEC ID: 1282000553



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NATIONAL GRID GENERATION LLC
175 E OLD COUNTRY RD
HICKSVILLE, NY 11801

NATIONAL GRID CORPORATE SERVICES LLC
175 E OLD COUNTRY RD
HICKSVILLE, NY 11801

Facility: EF BARRETT POWER STATION
1 MCCARTHY RD
ISLAND PARK, NY 11558

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES

Permit Effective Date: 02/24/2011

Permit Expiration Date: 02/23/2016



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 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 202-2.1: Compliance Certification
- 7 6 NYCRR 202-2.5: Recordkeeping requirements
- 8 6 NYCRR Part 215: Open Fires Prohibited at Industrial and Commercial Sites
- 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
- 24 6 NYCRR 201-6.5 (e): Compliance Certification
- 25 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 26 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 27 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 28 6 NYCRR 225-2.3: Compliance Certification
- 29 6 NYCRR 227-1.3 (a): Compliance Certification
- 30 6 NYCRR 227-1.3 (a): Compliance Certification
- 31 6 NYCRR Subpart 227-2: Compliance Certification
- 32 6 NYCRR 227.2 (b) (1): Compliance Certification
- 33 6 NYCRR 243-1.6 (a): Permit Requirements
- 34 6 NYCRR 243-1.6 (b): Monitoring requirements
- 35 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 36 6 NYCRR 243-1.6 (d): Excess emission requirements
- 37 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 38 6 NYCRR 243-2.1: Authorization and responsibilities of CAIR designated representative
- 39 6 NYCRR 243-2.4: Certificate of representation
- 40 6 NYCRR 243-8.1: General requirements
- 41 6 NYCRR 243-8.1: Prohibitions



- 42 6 NYCRR 243-8.5 (d): Quarterly reports
- 43 6 NYCRR 243-8.5 (e): Compliance certification
- 44 6 NYCRR Subpart 244-1: CAIR NOx Annual Trading Program General Conditions
- 45 6 NYCRR Subpart 244-2: Designated CAIR Representative
- 46 6 NYCRR Subpart 244-8: Compliance Certification
- 47 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 48 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 49 6 NYCRR Subpart 245-8: Compliance Certification
- 50 40 CFR Part 72: Facility Subject to Title IV Acid Rain Regulations and Permitting

Emission Unit Level

- 51 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 52 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-00001,EP=00001

- 53 6 NYCRR 227-1.3 (a): Compliance Certification

EU=U-00002,EP=00002

- 54 6 NYCRR 227-1.3 (a): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 55 ECL 19-0301: Contaminant List
- 56 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 57 6 NYCRR 211.2: Air pollution prohibited
- 58 6 NYCRR 237-1.4 (a): Applicable Facility, with a unit of a capacity of 25 MWe or greater
- 59 6 NYCRR 237-1.6 (c): Compliance Demonstration
- 60 6 NYCRR 237-1.6 (e): Recordkeeping and Reporting Requirements
- 61 6 NYCRR 237-1.6 (f): Liability- facility no common stacks
- 62 6 NYCRR 237-1.6 (g): Effect on other Authorities
- 63 6 NYCRR Subpart 237-2: Authorization and responsibilities of the NOx authorized account representative
- 64 6 NYCRR 237-4.1: Compliance Demonstration
- 65 6 NYCRR 237-7.1: Submission of NOx allowance transfers
- 66 6 NYCRR Subpart 237-8: Compliance Demonstration
- 67 6 NYCRR 238-1.4: Applicability
- 68 6 NYCRR 238-1.6 (a): Permit Requirements
- 69 6 NYCRR 238-1.6 (c): Compliance Demonstration
- 70 6 NYCRR 238-1.6 (e): Compliance Demonstration
- 71 6 NYCRR 238-1.6 (f): Liability
- 72 6 NYCRR 238-1.6 (g): Effect on Other Authorities
- 73 6 NYCRR 238-2.1: Submissions to the Department
- 74 6 NYCRR 238-4.1: Compliance Demonstration
- 75 6 NYCRR 238-7.1: Submission of SO2 allowance transfers
- 76 6 NYCRR Subpart 238-8: Compliance Demonstration
- 77 6 NYCRR 242-1.4 (b): Compliance Demonstration
- 78 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess emission requirements

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- 79 6 NYCRR Subpart 242-4: Compliance Demonstration
- 80 6 NYCRR Subpart 242-8: Compliance Demonstration
- 81 6 NYCRR 242-8.5: 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 02/24/2011 and 02/23/2016

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 2: Fees
Effective between the dates of 02/24/2011 and 02/23/2016

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 72-0303.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 7/30/2011.

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



Condition 6: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 202-2.1

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:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 7: Recordkeeping requirements
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

(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 8: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR Part 215

Item 8.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 02/24/2011 and 02/23/2016



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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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 02/24/2011 and 02/23/2016

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



requirements for Title V permits only.

Condition 23: Emission Unit Definition
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:

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

Emission Unit: U-00001

Emission Unit Description:

This unit is a 185 mwe turbine/generator boiler set firing #1, #2 and #6 fuel oils and pipeline natural gas. In addition, this boiler may co-fire waste fuel for energy recovery and citrosolv for incineration. Exhaust is through emission point 00001.

Building(s): BOILERBLD1

Item 23.2:

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

Emission Unit: U-00002

Emission Unit Description:

This unit is a 185 mwe turbine/generator boiler set firing #1, #2 and #6 fuel oils and pipeline natural gas. In addition, this boiler may co-fire waste oil for energy recovery and citrosolv for incineration. Exhaust is through emission point 00002.

Building(s): BOILERBLD2

Item 23.3:

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

Emission Unit: U-00003

Emission Unit Description:

This unit is an industrial steam boiler used to supply auxiliary steam loads required by all onsite facilities.

Building(s): HOUSEBOILE

Item 23.4:

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

Emission Unit: U-00004

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is a "black start" combustion turbine designed to provide sufficient power to bring the entire power station back on line following a catastrophic system collapse. A diesel engine,

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Emission Unit: U-00009

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the Long Island Electric distribution system.

Building(s): CT#6

Item 23.10:

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

Emission Unit: U-00010

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the Long Island Electric distribution system.

Building(s): CT#7

Item 23.11:

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

Emission Unit: U-00011

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the Long Island Electric distribution system.

Building(s): CT#8

Item 23.12:

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

Emission Unit: U-00012

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00013 to operate a single generator. The emission point, emission unit, emission source and processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#9

Item 23.13:

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

Emission Unit: U-00013

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00012 to operate a single generator. The emission point, emission unit, emission source and



processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#9

Item 23.14:

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

Emission Unit: U-00014

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00015 to operate a single generator. The emission point, emission unit, emission source and processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#10

Item 23.15:

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

Emission Unit: U-00015

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00014 to operate a single generator. The emission point, emission unit, emission source and processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#10

Item 23.16:

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

Emission Unit: U-00016

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00017 to operate a single generator. The emission point, emission unit, emission source and processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#11

Item 23.17:



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

Emission Unit: U-00017

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00016 to operate a single generator. The emission point, emission unit, emission source and processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#11

Item 23.18:

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

Emission Unit: U-00018

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00019 to operate a single generator. The emission point, emission unit, emission source and processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#12

Item 23.19:

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

Emission Unit: U-00019

Emission Unit Description:

This unit is a combustion turbine used to supply peak generation capacity, as required to support the long island electric distribution system. This unit is paired with emission unit U00018 to operate a single generator. The emission point, emission unit, emission source and processes are completely independent, the generator is the only common component. Inlet water fogging may be utilized at maximum load to reduce NOx formation.

Building(s): CT#12

Item 23.20:

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

Emission Unit: U-000S4

Emission Unit Description:

This unit is a 340 hp diesel engine used to start the black start combustion turbine, designated emission unit U00004. This unit only operates during startup of the combustion turbine, generally less than 15 minutes per



event.

Building(s): CT#1

Item 23.21:

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

Emission Unit: U-000S8

Emission Unit Description:

This unit is a 340 hp diesel engine used to start the "black start" combustion turbine, designated emission unit U00008. This unit only operates during startup of the combustion turbine, generally less than 15 minutes per event

Building(s): CT#5

Condition 24: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

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

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: 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

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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:

NYSDEC- Region 1 Headquarters
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409

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 1/30/2012.
Subsequent reports are due on the same day each year

Condition 25: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016



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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

This unit is restricted to burning low sulfur fuel in order to limit SO₂ emissions. All fuel is purchased on specification. Source tank to be verified in compliance with limit. Deliveries may continue until fuel added to source tank.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 1 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.37 percent by weight
Reference Test Method: ASTM D-4294
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 26: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 28: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 225-2.3

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Combustion of waste fuel is in accordance with procedures and practices previously established with the NYSDEC . Waste fuel is tested for compliance with 6NYCRR Part 225-2.3 and co-fired with primary boiler fuel at a maximum rate equivalent to 5% of the total heat input into the boiler. Lead, PCB's, and total halogens are tested on every delivery from off site. (only Nationalgrid waste fuel is accepted). Monthly samples are collected and analyzed from each waste fuel tank on site. Analysis for sulfur and heat content have been waived by the NYSDEC since the co-firing rate restrictions insures that the "as burned" waste fuel in the boiler is always within the limitations of Part 225-2.3. Lead, PCB's and halogens limitations are complied with on an "as delivered" and/or "as generated" basis.

Reference Test Method: ASTM

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2011.

Subsequent reports are due every 3 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

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

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

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Item 29.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Visible emissions at the facility are limited to 20 percent opacity, except for one six minute period per hour not to exceed 27 percent, based upon the six minute average as stated in Reference Method 9 Appendix A 40CFR60. This condition applies to emission units 4 thru 19. Owner or operator shall perform at least once per calendar year a Method 9 at each listed combustion unit. Readings shall be performed by a Certified Visible Emission Evaluator. The results of each observation shall be recorded in a bound log book or other format acceptable to the Department, kept at a designated office for at least five years, and made available to NYSDEC representatives upon request. Additional opacity readings may be required by the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40CFR 60 Appendix A Method 9

Monitoring Frequency: MINIMUM - ONCE PER CALENDAR YEAR

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2011.

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

Condition 30: Compliance Certification

Effective between the dates of 02/24/2011 and 02/23/2016

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

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



Emission Unit: U-00007

Emission Unit: U-00008

Emission Unit: U-00009

Emission Unit: U-00010

Emission Unit: U-00011

Emission Unit: U-00012

Emission Unit: U-00013

Emission Unit: U-00014

Emission Unit: U-00015

Emission Unit: U-00016

Emission Unit: U-00017

Emission Unit: U-00018

Emission Unit: U-00019

Emission Unit: U-000S4

Emission Unit: U-000S8

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for stationary combustion installation units 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 matter emission to demonstrate compliance with the established limit in this condition.

2-Perform a stack test, based upon the approved protocol.

3-Submit to the Department a stack test report for

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ozone season is the period beginning May 1 of a calendar year, except as provided in section 243-1.6(c)(2), and ending on September 30 of the same year, inclusive.

A CAIR NOx Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under sections 243-8.1(b)(1), (2), (3), or (7) and for each control period thereafter.

A CAIR NOx Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NOx Ozone Season allowance was allocated.

CAIR NOx Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NOx Ozone Season Allowance Tracking System accounts in accordance with Subparts 243-6, 243-7, and 243-9.

A CAIR NOx Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NOx Ozone Season Trading Program. No provision of the CAIR NOx Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under section 243-1.5 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

A CAIR NOx Ozone Season allowance does not constitute a property right.

Upon recordation by the Administrator under Subpart 243-6, 243-7, or 243-9, every allocation, transfer, or deduction of a CAIR NOx Ozone Season allowance to or from a CAIR NOx Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

Condition 36: Excess emission requirements
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 243-1.6 (d)

Item 36.1:

If a CAIR NOx Ozone Season source emits nitrogen oxides during any control period in excess of the CAIR NOx Ozone Season emissions limitation, then:

(1) the owners and operators of the source and each CAIR NOx Ozone Season unit at the source shall surrender the CAIR NOx Ozone Season allowances required for deduction under section 243-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law; and

(2) each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law.

Condition 37: Recordkeeping and reporting requirements
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 243-1.6 (e)



Item 37.1:

Unless otherwise provided, the owners and operators of the CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator.

(i) The certificate of representation under section 243-2.4 for the CAIR designated representative for the source and each CAIR NO_x Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under section 243-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with Subpart 243-8, provided that to the extent that Subpart 243-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Ozone Season Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO_x Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Ozone Season Trading Program.

Condition 38: Authorization and responsibilities of CAIR designated representative

Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 243-2.1

Item 38.1:

Except as provided under section 243-2.2, each CAIR NO_x Ozone Season source, including all CAIR NO_x Ozone Season units at the source, shall have one and only one CAIR designated representative, with regard to all matters under the CAIR NO_x Ozone Season Trading Program concerning the source or any CAIR NO_x Ozone Season unit at the source.

The CAIR designated representative of the CAIR NO_x Ozone Season source shall be selected by an agreement binding on the owners and operators of the source and all CAIR NO_x Ozone Season units at the source and shall act in accordance with the certification statement in section 243-2.4(a)(4)(iv).

Upon receipt by the Administrator of a complete certificate of representation under section 243-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NO_x Ozone Season source represented and each CAIR NO_x Ozone Season unit at the source in all matters pertaining to the CAIR NO_x Ozone Season Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit.

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No CAIR permit will be issued, no emissions data reports will be accepted, and no CAIR NOx Ozone Season Allowance Tracking System account will be established for a CAIR NOx Ozone Season unit at a source, until the Administrator has received a complete certificate of representation under section 243-2.4 for a CAIR designated representative of the source and the CAIR NOx Ozone Season units at the source.

Each submission under the CAIR NOx Ozone Season Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NOx Ozone Season source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Condition 39: Certificate of representation
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 243-2.4

Item 39.1:

Unless otherwise required by the department or the Administrator, documents of agreement referred to in the certificate of representation shall not be submitted to the department or the Administrator. Neither the department nor the Administrator shall be under any obligation to review or evaluate the sufficiency of such documents, if submitted.

Condition 40: General requirements
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 40.1:

The owners and operators, and to the extent applicable, the CAIR designated representative, of a CAIR NOx Ozone Season unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in section 243-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR NOx Ozone Season unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 243-1.2. The owner or operator of a unit that is not a CAIR NOx Ozone Season unit but that is monitored under 40 CFR 75.72(b)(2)(ii) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR NOx Ozone Season unit.

'Requirements for installation, certification, and data accounting.' The owner or operator of each CAIR NOx Ozone Season unit shall:

- (1) install all monitoring systems required under this Subpart for monitoring NOx mass

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emissions and individual unit heat input (including all systems required to monitor NO_x emission rate, NO_x concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.71 and 40 CFR 75.72);

(2) successfully complete all certification tests required under section 243-8.2 and meet all other requirements of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraph (a)(1) of this section; and

(3) record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

Condition 41: Prohibitions
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 41.1:

No owner or operator of a CAIR NO_x Ozone Season unit shall use any alternative monitoring system, alternative reference method, or any other alternative to any requirement of this Subpart without having obtained prior written approval in accordance with section 243-8.6.

No owner or operator of a CAIR NO_x Ozone Season unit shall operate the unit so as to discharge, or allow to be discharged, NO_x emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NO_x Ozone Season unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NO_x mass emissions discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

No owner or operator of a CAIR NO_x Ozone Season unit shall retire or permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved monitoring system under this Subpart, except under any one of the following circumstances:

- (i) during the period that the unit is covered by an exemption under section 243-1.5 that is in effect;
- (ii) the owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the department for use at that unit that provides emission data for the same pollutant or parameter as the retired or discontinued monitoring system; or
- (iii) the CAIR designated representative submits notification of the date of certification testing of a replacement monitoring system for the retired or discontinued monitoring system in accordance with section 243-8.2(d)(3)(i).

Condition 42: Quarterly reports
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR 243-8.5 (d)



Item 42.1:

The CAIR designated representative shall submit quarterly reports, as follows:

If the CAIR NO_x Ozone Season unit is subject to an Acid Rain emissions limitation or a CAIR NO_x emissions limitation or if the owner or operator of such unit chooses to report on an annual basis under this Subpart, the CAIR designated representative shall meet the requirements of Subpart H of 40 CFR Part 75 (concerning monitoring of NO_x mass emissions) for such unit for the entire year and shall report the NO_x mass emissions data and heat input data for such unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with:

(i) for a unit that commences commercial operation before July 1, 2007, the calendar quarter covering May 1, 2008 through June 30, 2008;

(ii) for a unit that commences commercial operation on or after July 1, 2007, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 243-8.1(b), unless that quarter is the third or fourth quarter of 2007 or the first quarter of 2008, in which case reporting shall commence in the quarter covering May 1, 2008 through June 30, 2008.

The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

For CAIR NO_x Ozone Season units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NO_x mass emission data, heat input data, and other information required by this Subpart.

Condition 43: Compliance certification
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement: 6 NYCRR 243-8.5 (e)

Item 43.1:

The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(1) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications;

(2) for a unit with add-on NO_x emission controls and for all hours where NO_x data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO_x emissions; and



(3) for a unit that is reporting on a control period basis under subparagraph (d)(2)(ii) of this section, the NO_x emission rate and NO_x concentration values substituted for missing data under Subpart D of 40 CFR Part 75 are calculated using only values from a control period and do not systematically underestimate NO_x emissions.

**Condition 44: CAIR NO_x Annual Trading Program General Conditions
Effective between the dates of 02/24/2011 and 02/23/2016**

Applicable Federal Requirement:6 NYCRR Subpart 244-1

Item 44.1:

1) As of midnight of March 1, or midnight of the first business day thereafter if March 1 is not a business day, the owners and operators shall hold, in their compliance account, Clean Air Interstate Rule (CAIR) NO_x allowances available for compliance deductions for the previous control period (January 1 through December 31), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NO_x units at the source during that control period. A CAIR NO_x allowance shall not be deducted for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated. [244-1.6(c)(1), 244-1.2(b)(5), 244-1.2(b)(36), 244-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR NO_x allowances available for compliance deductions for the control period starting on the later of January 1, 2009 or the deadline for meeting a CAIR NO_x unit's monitor certification requirements under section 244-8.1(b)(1), (2), or (5) and for each control period thereafter. [244-1.6(c)(2)]

3) If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, the owners and operators of the CAIR NO_x source shall surrender the CAIR NO_x allowances required for deduction under 6NYCRR Part 244-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this permit, the Act, and applicable State law. [(244-1.6(d))]

4) Unless otherwise provided, the owners and operators of the CAIR NO_x source shall keep on site each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator: [244-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 244-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 244-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 244-8, provided that to the extent that 6NYCRR Part 244-8 provides for a three year period for recordkeeping, the three year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Annual Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO_x Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Annual Trading Program.



Condition 45: Designated CAIR Representative
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR Subpart 244-2

Item 45.1:

1) Each Clean Air Interstate Rule (CAIR) NO_x source shall have one CAIR designated representative and may have one alternate representative, as per 6NYCRR Part 244-2.2, with regard to all matters under the CAIR NO_x Annual Trading Program. The CAIR designated representative shall be selected by an agreement binding on the owners and operators of the source and act in accordance with the certification statement in 6NYCRR Part 244-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 244-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NO_x source represented in all matters pertaining to the CAIR NO_x Annual Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source. [244-2.1(a), (b) & (c)]

(2) Each submission under the CAIR NO_x Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NO_x source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment." [244-2.1(e)]

Condition 46: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR Subpart 244-8

Item 46.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting NO_x emissions



(1) The owners and operators, and to the extent applicable, the CAIR designated representative shall comply with all recordkeeping and reporting requirements in this condition, the applicable recordkeeping and reporting requirements under 40 CFR 75, and the requirements of 6NYCRR Part 244-2.1(e)(1).

(2) The CAIR designated representative shall submit quarterly reports of the the NOx mass emissions data and heat input data for each CAIR NOx unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under 6NYCRR Part 244-8.1(b), unless that quarter is the third or fourth quarter of 2007, in which case reporting shall commence in the quarter covering January 1, 2008 through March 31, 2008.

(3) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.73(f).

(4) For CAIR NOx units that are also subject to an Acid Rain emissions limitation or the CAIR NOx Ozone Season Trading Program, CAIR SO2 Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the NOx mass emission data, heat input data, and other information required by this Subpart.

(5) 'Compliance certification.' The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of 6NYCRR Part 244 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

(ii) for a unit with add-on NOx emission controls and for



all hours where NO_x data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO_x emissions.

(6) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR part 75, data shall be substituted using the applicable missing data procedures in Subpart D or Subpart H of, or appendix D or appendix E to 40 CFR part 75. [244-8.3(a)]

(7) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under 6NYCRR Part 244-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record NO_x mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b) . Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system, and any excepted NO_x monitoring system under appendix E to 40 CFR part 75, under 6NYCRR Part 244-8.1(a)(1) are subject to the recertification requirements in 40 CFR 75.20(g)(6). [224-8.2(d)(2)

Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2011.
Subsequent reports are due every 3 calendar month(s).

**Condition 47: CAIR SO₂ Trading Program General Provisions
Effective between the dates of 02/24/2011 and 02/23/2016**



Applicable Federal Requirement:6 NYCRR Subpart 245-1

Item 47.1:

1) As of midnight of March 1, or midnight of the first business day thereafter (if March 1 is not a business day) for a control period, the owners and operators of each Clean Air Interstate Rule (CAIR) SO₂ source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO₂ allowances available for compliance deductions for the control period (January 1 through December 31) not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source. A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (2) of this section, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated.

[(245-1.2(b)(5), 245-1.6(c)(1), 245-1.2(b)(36), 245-1.6(c)(3)]

2) The owners and operators shall hold in their compliance account, CAIR SO₂ allowances available for compliance deductions for the control period starting on the later of January 1, 2010 or the deadline for meeting a CAIR SO₂ unit's monitor certification requirements under section 245-8.1(b)(1), (2), or (5) and for each control period thereafter. [245-1.6(c)(2)]

3) If a CAIR SO₂ source emits sulfur dioxide during any control period in excess of the CAIR SO₂ emissions limitation, the owners and operators of the source shall surrender the CAIR SO₂ allowances required for deduction under 6NYCRR Part 245-6.5(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this Subpart, the Act, and applicable State law.

[(245-1.6(d)]

4) Unless otherwise provided, the owners and operators of the CAIR SO₂ source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time before the end of five years, in writing by the department or the Administrator: [245-1.6(e)]

(i) The certificate of representation under 6NYCRR Part 245-2.4 for the CAIR designated representative for the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new certificate of representation under 6NYCRR Part 245-2.4 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 245-8, provided that to the extent that 6NYCRR Part 245-8 provides for a three-year period for recordkeeping, the three-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO₂ Trading Program.

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR SO₂ Trading Program or to demonstrate compliance with the requirements of the CAIR SO₂ Trading Program.

Condition 48: Designated CAIR Representative
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR Subpart 245-2

Item 48.1:

1) Each CAIR SO₂ source shall have one and only one CAIR designated representative and



may have one alternate representative, as per 6NYCRR Part 245-2.2, with regard to all matters under the CAIR SO₂ Trading Program. The CAIR designated representative of the CAIR SO₂ source shall be selected by an agreement binding on the owners and operators of the source and all CAIR SO₂ units at the source and shall act in accordance with the certification statement in 6NYCRR Part 245-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 245-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR SO₂ source represented and each CAIR SO₂ unit at the source in all matters pertaining to the CAIR SO₂ Trading Program, notwithstanding any agreement between the CAIR designated representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the CAIR designated representative by the department, the Administrator, or a court regarding the source or unit. [245-2.1(a), (b) & (c)]

(2) Each submission under the CAIR SO₂ Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR SO₂ source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment." [245-2.1(e)]

Condition 49: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement: 6 NYCRR Subpart 245-8

Item 49.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring and Reporting SO₂ emissions:

- 1) The owners and operators, and to the extent applicable, the Clean Air Interstate Rule (CAIR) designated representative, of a CAIR SO₂ unit, shall comply with the monitoring, recordkeeping, and reporting requirements as provided in Subpart 6 NYCRR Part 245-8 and in 40 CFR Part 75, Subparts F and G. For purposes of complying with such requirements, the definitions in section 245-1.2 and 40



CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be deemed to refer to the terms "CAIR SO₂ unit," "CAIR designated representative," and "continuous emission monitoring system" (or "CEMS") respectively, as defined in section 245-1.2. The owner or operator of a unit that is not a CAIR SO₂ unit but that is monitored under 40 CFR 75.16(b)(2) shall comply with the same monitoring, recordkeeping, and reporting requirements as a CAIR SO₂ unit. [245-8.1]

2)The owner or operator of each CAIR SO₂ unit shall:
[245-8.1(a)]

(i) install all monitoring systems required under this Subpart for monitoring SO₂ mass emissions and individual unit heat input (including all systems required to monitor SO₂ concentration, stack gas moisture content, stack gas flow rate, CO₂ or O₂ concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.11 and 40 CFR 75.16);

(ii) successfully complete all certification tests required under Part 245-8.2 and meet all other requirements of this section and 40 CFR Part 75 applicable to the monitoring systems under this section; and

(iii) record, report, and quality-assure the data from the monitoring systems under paragraph of this section.

3) The owner or operator shall meet the monitoring system certification and other requirements of section 245-8.1(a)(1) and (2) on or before the following dates. The owner or operator shall record, report, and quality-assure the data from the monitoring systems under section 245-8.1(a)(1) on and after the following dates.
[245-8.1(b)]

(i) For the CAIR SO₂ unit that commences commercial operation before July 1, 2008, by January 1, 2009.

(ii) For the CAIR SO₂ unit that commences commercial operation on or after July 1, 2008, by the later of the following dates: January 1, 2009; or 90 unit operating days or 180 calendar days, whichever occurs first, after the date on which the unit commences commercial operation.

4) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under section 245-8.1(a)(1) that may significantly affect the ability of the system to accurately measure or record SO₂ mass emissions or heat input rate or to meet the quality-assurance and quality-control requirements of 40 CFR 75.21 or appendix B



to 40 CFR Part 75, the owner or operator shall recertify the monitoring system in accordance with 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that may significantly change the stack flow or concentration profile, the owner or operator shall recertify each continuous emission monitoring system whose accuracy is potentially affected by the change, in accordance with 40 CFR 75.20(b). Examples of changes to a continuous emission monitoring system that require recertification include: replacement of the analyzer, complete replacement of an existing continuous emission monitoring system, or change in location or orientation of the sampling probe or site. Any fuel flowmeter system under section 245-8.1(a)(1) is subject to the recertification requirements in 40 CFR 75.20(g)(6). [245-8.2(d)(2)]

5) Whenever any monitoring system fails to meet the quality-assurance and quality-control requirements or data validation requirements of 40 CFR Part 75, data shall be substituted using the applicable missing data procedures in Subpart D of or appendix D to 40 CFR Part 75. [245-8.3(a)]

6) The CAIR designated representative shall comply with all recordkeeping and reporting requirements in section 245-8.3, the applicable recordkeeping and reporting requirements in Subparts F and G of 40 CFR Part 75, and the requirements of section 245-2.1(e)(1). [245-8.5(a)]

7) The owner or operator of a CAIR SO₂ unit shall comply with requirements of 40 CFR 75.62 for monitoring plans. [245-8.5(b)]

8) The CAIR designated representative shall submit an application to the department within 45 days after completing all initial certification or recertification tests required under section 245-8.2, including the information required under 40 CFR 75.63. [245-8.5(c)]

9) The CAIR designated representative shall submit quarterly reports of the SO₂ mass emissions data and heat input data for each CAIR SO₂ unit, in an electronic quarterly report in a format prescribed by the Administrator, for each calendar quarter beginning with: [245-8.5(d)(1)]

i) the calendar quarter covering January 1, 2009 through March 31, 2009 for a unit that commences commercial operation before July 1, 2008; or



ii) for a unit that commences commercial operation on or after July 1, 2008, the calendar quarter corresponding to the earlier of the date of provisional certification or the applicable deadline for initial certification under section 245-8.1(b), unless that quarter is the third or fourth quarter of 2008, in which case reporting shall commence in the quarter covering January 1, 2009 through March 31, 2009.

10) The CAIR designated representative shall submit each quarterly report to the Administrator within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in 40 CFR 75.64. [245-8.5(d)(2)]

11) For CAIR SO₂ units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR NO_x Ozone Season Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F through I of 40 CFR Part 75 as applicable, in addition to the SO₂ mass emission data, heat input data, and other information required by this Subpart. [245-8.5(d)(3)]

12) The CAIR designated representative shall submit to the Administrator a compliance certification (in a format prescribed by the Administrator) in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that: [245-8.5(e)]

i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications; and

ii) for a unit with add-on SO₂ emission controls and for all hours where SO₂ data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate SO₂ emissions.

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2011.

Subsequent reports are due every 3 calendar month(s).

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Condition 50: Facility Subject to Title IV Acid Rain Regulations and Permitting

Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:40 CFR Part 72

Item 50.1: This facility is subject to the Title IV Acid Rain Regulations found in 40 CFR Parts 72, 73, 75, 76, 77 and 78. The Acid Rain Permit is an attachment to this permit.

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

Condition 51: Emission Point Definition By Emission Unit

Effective between the dates of 02/24/2011 and 02/23/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 51.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 250

Diameter (in.): 192

NYTMN (km.): 4496.994 NYTME (km.): 614.398 Building: BOILERBLD1

Item 51.2:

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 350

Diameter (in.): 123

NYTMN (km.): 4496.99 NYTME (km.): 614.448 Building: BOILERBLD2

Item 51.3:

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 25

Diameter (in.): 32

NYTMN (km.): 4497.11 NYTME (km.): 614.355 Building: HOUSEBOILE

Item 51.4:

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

Emission Unit: U-00004

Emission Point: 00004

Height (ft.): 52

Diameter (in.): 119

NYTMN (km.): 4497.056 NYTME (km.): 614.336 Building: CT#1

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Item 51.5:

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

Emission Unit: U-00005

Emission Point: 00005

Height (ft.): 52

Diameter (in.): 119

NYTMN (km.): 4497.058 NYTME (km.): 614.349 Building: CT#2

Item 51.6:

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

Emission Unit: U-00006

Emission Point: 00006

Height (ft.): 52

Diameter (in.): 119

NYTMN (km.): 4497.05 NYTME (km.): 614.337 Building: CT#3

Item 51.7:

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

Emission Unit: U-00007

Emission Point: 00007

Height (ft.): 52

Diameter (in.): 119

NYTMN (km.): 4497.051 NYTME (km.): 614.351 Building: CT#4

Item 51.8:

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

Emission Unit: U-00008

Emission Point: 00008

Height (ft.): 52

Diameter (in.): 119

NYTMN (km.): 4497.046 NYTME (km.): 614.337 Building: CT#5

Item 51.9:

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

Emission Unit: U-00009

Emission Point: 00009

Height (ft.): 52

Diameter (in.): 119

NYTMN (km.): 4497.047 NYTME (km.): 614.344 Building: CT#6

Item 51.10:

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

Emission Unit: U-00010

Emission Point: 00010



Height (ft.): 52 Diameter (in.): 119
NYTMN (km.): 4497.047 NYTME (km.): 614.351 Building: CT#7

Item 51.11:

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

Emission Unit: U-00011

Emission Point: 00011
Height (ft.): 52 Diameter (in.): 119
NYTMN (km.): 4497.039 NYTME (km.): 614.338 Building: CT#8

Item 51.12:

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

Emission Unit: U-00012

Emission Point: 00012
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.039 NYTME (km.): 614.346 Building: CT#9

Item 51.13:

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

Emission Unit: U-00013

Emission Point: 00013
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.038 NYTME (km.): 614.354 Building: CT#9

Item 51.14:

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

Emission Unit: U-00014

Emission Point: 00014
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.031 NYTME (km.): 614.34 Building: CT#10

Item 51.15:

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

Emission Unit: U-00015

Emission Point: 00015
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.032 NYTME (km.): 614.347 Building: CT#10

Item 51.16:

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

Emission Unit: U-00016

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Emission Point: 00016
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.033 NYTME (km.): 614.354 Building: CT#11

Item 51.17:

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

Emission Unit: U-00017

Emission Point: 00017
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.025 NYTME (km.): 614.34 Building: CT#11

Item 51.18:

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

Emission Unit: U-00018

Emission Point: 00018
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.026 NYTME (km.): 614.348 Building: CT#12

Item 51.19:

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

Emission Unit: U-00019

Emission Point: 00019
Height (ft.): 36 Diameter (in.): 91
NYTMN (km.): 4497.027 NYTME (km.): 614.356 Building: CT#12

Item 51.20:

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

Emission Unit: U-000S4

Emission Point: 000S4
Height (ft.): 40 Diameter (in.): 3
NYTMN (km.): 4497.019 NYTME (km.): 614.34 Building: CT#1

Item 51.21:

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

Emission Unit: U-000S8

Emission Point: 000S8
Height (ft.): 40 Diameter (in.): 3
NYTMN (km.): 4497.021 NYTME (km.): 614.35 Building: CT#5

Condition 52: Process Definition By Emission Unit
Effective between the dates of 02/24/2011 and 02/23/2016



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 52.1:

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

Emission Unit: U-00001
Process: P01 Source Classification Code: 1-01-004-04

Process Description:

This process is the combustion of #6 residual oil in a tangentially fired steam electric boiler. In order to improve boiler operation, a fuel additive may be mixed into the residual oil prior to combustion.

Emission Source/Control: ES001 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.2:

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

Emission Unit: U-00001
Process: P02 Source Classification Code: 1-01-005-01

Process Description:

This process is the combustion of #1 distillate oil in a tangentially fired steam electric boiler.

Emission Source/Control: ES001 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.3:

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

Emission Unit: U-00001
Process: P03 Source Classification Code: 1-01-005-01

Process Description:

This process is the combustion of #2 oil in a tangentially fired steam electric boiler.

Emission Source/Control: ES001 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.4:

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

Emission Unit: U-00001
Process: P04 Source Classification Code: 1-01-006-04

Process Description:

This process is the combustion of pipeline natural gas in a tangentially fired steam electric boiler.

Emission Source/Control: ES001 - Combustion
Design Capacity: 1,825 million Btu per hour



Item 52.5:

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

Emission Unit: U-00001

Process: P05

Source Classification Code: 1-01-013-02

Process Description:

This process is the co-firing of waste fuel in a tangentially fired steam electric boiler. This fuel is fired in combination with a primary fuel, at a rate not to exceed 5%. Waste oil includes gas main drip water and gas transmission condensate. Waste fuel is tested for compliance with 6NYCRR Part 225-2.3 and co-fired with primary boiler fuel at a maximum rate equivalent to 5% of the total heat input into the boiler. Lead, PCB's, and total halogens are tested on every delivery from off site. (only Nationalgrid waste fuel is accepted). Monthly samples are collected and analyzed from each waste fuel tank on site. Analysis for sulfur and heat content have been waived by the NYSDEC since the co-firing rate restrictions insures that the "as burned" waste fuel in the boiler is always within the limitations of Part 225-2.3. Lead, PCB's and halogens limitations are complied with on an "as delivered" and/or "as generated" basis.

Emission Source/Control: ES001 - Combustion

Design Capacity: 1,825 million Btu per hour

Item 52.6:

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

Emission Unit: U-00001

Process: P06

Source Classification Code: 1-01-013-02

Process Description:

This process is the incineration, by co-firing with a primary fuel, of a non-hazardous boiler chemical cleaning solution. Following a chemical cleaning of the water-side of the boilers tubes with an acidic solution, the spent material is evaporated when the boiler is operating at nominal full load. The spent chemical cleanup solution may be from any company owned boiler.

Emission Source/Control: ES001 - Combustion

Design Capacity: 1,825 million Btu per hour

Item 52.7:

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

Emission Unit: U-00002

Process: P07

Source Classification Code: 1-01-004-04

Process Description:

This process is the combustion of #6 residual oil in a

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tangentially fired steam electric boiler. In order to improve boiler operation, a fuel additive may be mixed into the residual oil prior to combustion.

Emission Source/Control: ES002 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.8:

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

Emission Unit: U-00002
Process: P08 Source Classification Code: 1-01-005-01
Process Description:

This process is the combustion of #1 residual oil in a tangentially fired steam electric boiler. In order to improve boiler operation, a fuel additive may be mixed into the residual oil prior to combustion.

Emission Source/Control: ES002 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.9:

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

Emission Unit: U-00002
Process: P09 Source Classification Code: 1-01-005-01
Process Description:

This process is the combustion of #2 distillate oil in a tangentially fired steam electric boiler. When natural gas is unavailable, this fuel is used during the initial startup of the boiler

Emission Source/Control: ES002 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.10:

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

Emission Unit: U-00002
Process: P10 Source Classification Code: 1-01-006-04
Process Description:

This process is the combustion of pipeline natural gas in a tangentially fired steam electric boiler

Emission Source/Control: ES002 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.11:

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

Emission Unit: U-00002
Process: P11 Source Classification Code: 1-01-013-02



Process Description:

This process is the co-firing of waste fuel in a tangentially fired steam electric boiler. This fuel is fired in combination with a primary fuel, at a rate not to exceed 5%. Waste oil includes gas main drip water and gas transmission condensate. Waste fuel is tested for compliance with 6NYCRR Part 225-2.3 and co-fired with primary boiler fuel at a maximum rate equivalent to 5% of the total heat input into the boiler. Lead, PCB's, and total halogens are tested on every delivery from off site. (only Nationalgrid waste fuel is accepted). Monthly samples are collected and analyzed from each waste fuel tank on site. Analysis for sulfur and heat content have been waived by the NYSDEC since the co-firing rate restrictions insures that the "as burned" waste fuel in the boiler is always within the limitations of Part 225-2.3. Lead, PCB's and halogens limitations are complied with on an "as delivered" and/or "as generated" basis.

Emission Source/Control: ES002 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.12:

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

Emission Unit: U-00002
Process: P12 Source Classification Code: 1-01-013-02
Process Description:

This process is the incineration, by co-firing with a primary fuel, of a non-hazardous boiler chemical cleaning solution. Following a chemical cleaning of the water-side of the boilers tubes with an acidic solution, the spent material is evaporated when the boiler is operating at nominal full load. The spent chemical cleanup solution may be from any company owned boiler.

Emission Source/Control: ES002 - Combustion
Design Capacity: 1,825 million Btu per hour

Item 52.13:

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

Emission Unit: U-00003
Process: P25 Source Classification Code: 1-02-005-01
Process Description:

This process involves the combustion of #1 distillate oil in an industrial steam boiler.

Emission Source/Control: ES003 - Combustion
Design Capacity: 39 million Btu per hour

Item 52.14:



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

Emission Unit: U-00003
Process: P26 Source Classification Code: 1-02-005-01
Process Description:
This process involves the combustion of #2 distillate oil
in an industrial steam boiler.

Emission Source/Control: ES003 - Combustion
Design Capacity: 39 million Btu per hour

Item 52.15:

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

Emission Unit: U-00003
Process: P27 Source Classification Code: 1-02-006-02
Process Description:
This process involves the combustion of natural gas in an
industrial steam boiler.

Emission Source/Control: ES003 - Combustion
Design Capacity: 39 million Btu per hour

Item 52.16:

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

Emission Unit: U-00004
Process: P28 Source Classification Code: 2-01-009-01
Process Description:
This process is the combustion of #1 distillate oil in a
combustion turbine. In order to improve combustion a fuel
additive may be mixed with the distillate oil prior to
combustion. In addition, when fuel oil is stored for
extended periods, a biocide may be added to prevent
fouling.

Emission Source/Control: ES004 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.17:

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

Emission Unit: U-00004
Process: P29 Source Classification Code: 2-01-001-01
Process Description:
This process is the combustion of #2 distillate oil in a
combustion turbine. In order to improve combustion a fuel
additive may be mixed with the distillate oil prior to
combustion. In addition, when fuel oil is stored for
extended periods, a biocide may be added to prevent
fouling.

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Emission Source/Control: ES004 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.18:

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

Emission Unit: U-00004
Process: P30 Source Classification Code: 2-01-002-01
Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES004 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.19:

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

Emission Unit: U-00005
Process: P31 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES005 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.20:

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

Emission Unit: U-00005
Process: P32 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES005 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.21:

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

Emission Unit: U-00005
Process: P33 Source Classification Code: 2-01-002-01



Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES005 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.22:

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

Emission Unit: U-00006

Process: P34

Source Classification Code: 2-01-009-01

Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES006 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.23:

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

Emission Unit: U-00006

Process: P35

Source Classification Code: 2-01-001-01

Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES006 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.24:

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

Emission Unit: U-00006

Process: P36

Source Classification Code: 2-01-002-01

Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES006 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.25:



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

Emission Unit: U-00007
Process: P37 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES007 - Combustion
Design Capacity: 276 million Btu per hour

Item 52.26:

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

Emission Unit: U-00007
Process: P38 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES007 - Combustion
Design Capacity: 276 million Btu per hour

Item 52.27:

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

Emission Unit: U-00007
Process: P39 Source Classification Code: 2-01-002-01
Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES007 - Combustion
Design Capacity: 276 million Btu per hour

Item 52.28:

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

Emission Unit: U-00008
Process: P40 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to



combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES008 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.29:

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

Emission Unit: U-00008
Process: P41 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES008 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.30:

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

Emission Unit: U-00008
Process: P42 Source Classification Code: 2-01-002-01
Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES008 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.31:

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

Emission Unit: U-00009
Process: P43 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES009 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.32:



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

Emission Unit: U-00009
Process: P44 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES009 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.33:

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

Emission Unit: U-00009
Process: P45 Source Classification Code: 2-01-002-01
Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES009 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.34:

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

Emission Unit: U-00010
Process: P46 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES010 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.35:

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

Emission Unit: U-00010
Process: P47 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to

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combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES010 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.36:

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

Emission Unit: U-00010
Process: P48 Source Classification Code: 2-01-002-01
Process Description:
This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES010 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.37:

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

Emission Unit: U-00011
Process: P49 Source Classification Code: 2-01-009-01
Process Description:
This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES011 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.38:

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

Emission Unit: U-00011
Process: P50 Source Classification Code: 2-01-001-01
Process Description:
This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES011 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.39:



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

Emission Unit: U-00011
Process: P51 Source Classification Code: 2-01-002-01
Process Description:
This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES011 - Combustion
Design Capacity: 322 million Btu per hour

Item 52.40:

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

Emission Unit: U-00012
Process: P52 Source Classification Code: 2-01-009-01
Process Description:
This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES012 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.41:

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

Emission Unit: U-00012
Process: P53 Source Classification Code: 2-01-001-01
Process Description:
This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES012 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.42:

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

Emission Unit: U-00012
Process: P54 Source Classification Code: 2-01-002-01
Process Description:
This is the combustion of pipeline natural gas in a combustion turbine.



Emission Source/Control: ES012 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.43:

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

Emission Unit: U-00013
Process: P55 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES013 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.44:

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

Emission Unit: U-00013
Process: P56 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES013 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.45:

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

Emission Unit: U-00013
Process: P57 Source Classification Code: 2-01-002-01
Process Description:

This process is the combustion of pipeline natural gas on a combustion turbine.

Emission Source/Control: ES013 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.46:

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

Emission Unit: U-00014
Process: P58 Source Classification Code: 2-01-009-01



Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES014 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.47:

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

Emission Unit: U-00014

Process: P59

Source Classification Code: 2-01-001-01

Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES014 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.48:

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

Emission Unit: U-00014

Process: P60

Source Classification Code: 2-01-002-01

Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES014 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.49:

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

Emission Unit: U-00015

Process: P61

Source Classification Code: 2-01-009-01

Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

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Emission Source/Control: ES015 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.50:

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

Emission Unit: U-00015
Process: P62 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES015 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.51:

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

Emission Unit: U-00015
Process: P63 Source Classification Code: 2-01-002-01
Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES015 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.52:

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

Emission Unit: U-00016
Process: P64 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES016 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.53:

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

Emission Unit: U-00016
Process: P65 Source Classification Code: 2-01-001-01



Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES016 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.54:

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

Emission Unit: U-00016
Process: P66 Source Classification Code: 2-01-002-01
Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES016 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.55:

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

Emission Unit: U-00017
Process: P67 Source Classification Code: 2-01-009-01
Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES017 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.56:

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

Emission Unit: U-00017
Process: P68 Source Classification Code: 2-01-001-01
Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

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Emission Source/Control: ES017 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.57:

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

Emission Unit: U-00017
Process: P69 Source Classification Code: 2-01-002-01
Process Description:
This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES017 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.58:

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

Emission Unit: U-00018
Process: P70 Source Classification Code: 2-01-009-01
Process Description:
This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES018 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.59:

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

Emission Unit: U-00018
Process: P71 Source Classification Code: 2-01-001-01
Process Description:
This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES018 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.60:

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

Emission Unit: U-00018
Process: P72 Source Classification Code: 2-01-002-01



Process Description:

This is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES018 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.61:

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

Emission Unit: U-00019

Process: P73

Source Classification Code: 2-01-009-01

Process Description:

This process is the combustion of #1 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES019 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.62:

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

Emission Unit: U-00019

Process: P74

Source Classification Code: 2-01-001-01

Process Description:

This process is the combustion of #2 distillate oil in a combustion turbine. In order to improve combustion a fuel additive may be mixed with the distillate oil prior to combustion. In addition, when fuel oil is stored for extended periods, a biocide may be added to prevent fouling.

Emission Source/Control: ES019 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.63:

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

Emission Unit: U-00019

Process: P75

Source Classification Code: 2-01-002-01

Process Description:

This process is the combustion of pipeline natural gas in a combustion turbine.

Emission Source/Control: ES019 - Combustion
Design Capacity: 334 million Btu per hour

Item 52.64:



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

Emission Unit: U-000S4
Process: P91 Source Classification Code: 2-02-009-02
Process Description:
This process is the combustion of #1 distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each startup the engine operates for less than 15 minutes

Emission Source/Control: ES0S4 - Combustion
Design Capacity: 340 horsepower (mechanical)

Item 52.65:

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

Emission Unit: U-000S4
Process: P92 Source Classification Code: 2-01-001-02
Process Description:
This process is the combustion of #2 distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each startup the engine operates for less than 15 minutes

Emission Source/Control: ES0S4 - Combustion
Design Capacity: 340 horsepower (mechanical)

Item 52.66:

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

Emission Unit: U-000S8
Process: P93 Source Classification Code: 2-02-009-02
Process Description:
This process is the combustion of #1 distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each startup the engine operates for less than 15 minutes

Emission Source/Control: ES0S8 - Combustion
Design Capacity: 340 horsepower (mechanical)

Item 52.67:

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

Emission Unit: U-000S8
Process: P94 Source Classification Code: 2-01-001-02
Process Description:
This process is the combustion of #1 distillate oil in a diesel engine. This engine is used to start the associated combustion turbine. During each startup the engine operates for less than 15 minutes

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Emission Source/Control: ES0S8 - Combustion
Design Capacity: 340 horsepower (mechanical)

Condition 53: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

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

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

Item 53.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity is measured on a continuous opacity monitor as a compliance indicator. Operation and reporting requirements apply when fuel oil is burned. According to Consent Order No. D1-9000-97-08 Appendix A 8- quarterly reports: quarterly opacity incident reports will be submitted to the NYSDEC 60 days following the end of a calendar quarter.

Manufacturer Name/Model Number: SICK OMD41
Parameter Monitored: OPACITY
Upper Permit Limit: 20.0 percent
Reference Test Method: 40 CFR 60 APP B
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 5/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 02/24/2011 and 02/23/2016

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

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002

Item 54.2:

Compliance Certification shall include the following monitoring:

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Facility DEC ID: 1282000553



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

Monitoring Description:

Opacity is measured on a continuous opacity monitor as a compliance indicator. Operation and reporting requirements apply when fuel oil is burned. According to Consent Order No. D1-9000-97-08 Appendix A 8- quarterly reports: quarterly opacity incident reports will be submitted to the NYSDEC 60 days following the end of a calendar quarter.

Manufacturer Name/Model Number: SICK OMD41

Parameter Monitored: OPACITY

Upper Permit Limit: 20.0 percent

Reference Test Method: 40CFR60 APP B

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 5/30/2011.

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 55: Contaminant List
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:ECL 19-0301

Item 55.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000124-38-9
Name: CARBON DIOXIDE

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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 57: Air pollution prohibited
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 211.2

Item 57.1:

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 58: Applicable Facility, with a unit of a capacity of 25 MWe or greater
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 237-1.4 (a)

Item 58.1:

Any unit, that at any time on or after January 1, 1999, serves a generator with a nameplate capacity equal to or greater than 25 MWe and sells any amount of electricity shall be a NOx budget unit, and any source that includes one or more such units shall be a NOx budget source, subject to the requirements of NYCRR 237.

Condition 59: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 237-1.6 (c)

Item 59.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 59.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



Item 62.1:

No provision of the ADR NOx Budget Trading Program, a NOx budget permit application, or a NOx budget permit, shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the NOx authorized account representative of a NOx budget source or NOx budget unit from compliance with any other provisions of applicable State and federal law and regulations.

Condition 63: Authorization and responsibilities of the NOx authorized account representative

Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR Subpart 237-2

Item 63.1:

Except as provided under NYCRR 237-2.2, each NOx budget source, including all NOx budget units at the source, shall have one and only one NOx authorized account representative, with regard to all matters under the Acid Deposition Reduction (ADR) NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

The NOx authorized account representative of the NOx budget source shall be selected by an agreement binding on the owners and operators of the source and all NOx budget units at the source.

Upon receipt by the department or its agent of a complete account certificate of representation under NYCRR 237-2.4, the NOx authorized account representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the NOx budget source represented and each NOx budget unit at the source in all matters pertaining to the ADR NOx Budget Trading Program, notwithstanding any agreement between the NOx authorized account representative and such owners and operators. The owners and operators shall be bound by any decision or order issued to the NOx authorized account representative by the department or a court regarding the source or unit.

No NOx budget permit shall be issued, and no NOx Allowance Tracking System account shall be established for a NOx budget unit at a source, until the department or its agent has received a complete account certificate of representation under NYCRR 237-2.4 for a NOx authorized account representative of the source and the NOx budget units at the source.

Each submission under the ADR NOx Budget Trading Program shall be submitted, signed, and certified by the NOx authorized account representative for each NOx budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NOx authorized account representative: "I am authorized to make this submission on behalf of the owners and operators of the NOx budget sources or NOx budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

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Monitoring Description:

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 67: Applicability
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 238-1.4

Item 67.1:

This facility has one or more affected SO2 budget units as defined at 42 U.S.C. section 7651aC(2) and is subject to the requirements of NYCRR 238.

Condition 68: Permit Requirements
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 238-1.6 (a)

Item 68.1:

The SO2 authorized account representative of each SO2 budget unit shall:

(i) submit to the department a complete SO2 budget permit application under section 238-3.3 in accordance with the deadlines specified in NYCRR 238-3.2, which states the later of October 1, 2004 or 12 months before the date on which the SO2 budget unit commences operation;

(ii) submit in a timely manner any supplemental information that the department determines is necessary in order to review an SO2 budget permit application and issue or deny an SO2 budget permit.

The owners and operators of each SO2 budget unit shall have an SO2 budget permit and operate the unit in compliance with such SO2 budget permit.

Condition 69: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 238-1.6 (c)

Item 69.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 69.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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Facility DEC ID: 1282000553



Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 70: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 238-1.6 (e)

Item 70.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 70.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 71: Liability
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 238-1.6 (f)

Item 71.1:

No permit revision shall excuse any violation of the requirements of the ADR SO2 Budget Trading Program that occurs prior to the date that the revision takes effect.

Any provision of the ADR SO2 Budget Trading Program that applies to an SO2 budget source (including a provision applicable to the SO2 authorized account representative of an SO2 budget source) shall also apply to the owners and operators of such source and of the SO2 budget units at the source;

Any provision of the ADR SO2 Budget Trading Program that applies to an SO2 budget unit (including a provision applicable to the SO2 authorized account representative of an SO2 budget unit) shall also apply to the owners and operators of such unit. Except with regard to the requirements applicable to units with a common stack under Subpart 238-8, the owners and operators and the SO2 authorized account representative of one SO2 budget unit shall not be liable for any violation by any other SO2 budget unit of which they are not owners or operators or the SO2 authorized account representative and that is located at a source of which they are not owners or operators or the SO2 authorized account representative.

Condition 72: Effect on Other Authorities
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 238-1.6 (g)



Item 75.1:

The SO₂ authorized account representatives seeking recordation of an SO₂ allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the SO₂ allowance transfer shall include the following elements in a format specified by the department or its agent:

- (a) the numbers identifying both the transferor and transferee accounts;
- (b) a specification by serial number of each SO₂ allowance to be transferred; and
- (c) the printed name and signature of the SO₂ authorized account representative of the transferor account and the date signed.

Condition 76: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR Subpart 238-8

Item 76.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 76.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 77: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 242-1.4 (b)

Item 77.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 77.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) Applicability. Notwithstanding Subdivision (a) of this Section, any unit that, on or before December 1, 2008, applies for an enforceable permit condition restricting the supply of the unit's annual electrical output to the electric grid to less than or equal to 10



percent of the annual gross generation of the unit, and that from and after January 1, 2009 complies with the 10 percent restriction and the provisions in Paragraph (b)(3) of this Section, shall be exempt from the requirements of this Part, except for the provisions of this Section, Sections 242-1.2, 242-1.3, and 242-1.6 of this Part.

(2) Effective date. The exemption under Paragraph (b)(1) of this Section shall become effective as of January 1, 2009 and remain in effect unless and until the unit loses its exemption under Subparagraph (b)(3)(v) of this Section.

(3) Compliance.

(i) A unit exempt under Paragraph (b)(1) of this Section shall comply with the restriction on percentage of annual gross generation that may be supplied to the electric grid described in Paragraph (b)(1) of this Section.

(ii) A unit exempt under Paragraph (b)(1) of this Section shall report to the department the amount of annual gross generation and the amount of annual gross generation supplied to the electric grid during the year by the following February 1st.

(iii) For a period of 10 years from the date the records are created, the owners and operators of a unit exempt under Paragraph (b)(1) of this Section shall retain, at the source that includes the unit, records demonstrating that the conditions of the permit under Paragraph (b)(1) of this Section were met. The 10-year period for keeping records may be extended for cause, at any time prior to the end of the period, in writing by the department. The owners and operators bear the burden of proof that the unit met the restriction on the percentage of annual gross generation that may be supplied to the electric grid.

(iv) The owners and operators and, to the extent applicable, the CO₂ authorized account representative of a unit exempt under Paragraph (b)(1) of this Section shall comply with all the requirements of this Part concerning all time periods for which the exemption is not in effect, even if such requirements arise, or must be complied with, after the exemption takes effect.

(v) On the earlier of the following dates, a unit exempt under Paragraph (b)(1) of this Section shall lose its exemption:



(a) the date on which the restriction on the percentage of annual gross generation that may be supplied to the electric grid described in Paragraph (b)(1) of this Section is removed from the unit's permit or otherwise becomes no longer applicable in any year that commences on or after January 1, 2009; or

(b) the first date on which the unit fails to comply, or on which the owners and operators fail to meet their burden of proving that the unit is complying, with the restriction on the percentage of annual gross generation that may be supplied to the electric grid described in Paragraph (b)(1) of this Section during any year that commences on or after January 1, 2009.

(vi) A unit that loses its exemption in accordance with Subparagraph (b)(3)(v) of this Section shall be subject to the requirements of this Part. For the purpose of applying permitting requirements under Subpart 242-3 of this Part, allocating allowances under Subpart 242-5 of this Part, and applying monitoring requirements under Subpart 242-8 of this Part, the unit shall be treated as commencing operation on the date the unit loses its exemption.

(4) Reduction in CO2 Budget Trading Program base budget. In the event that a unit applies for and receives a permit condition that renders the unit exempt under Subdivision (b) of this Section, then the department shall reduce the CO2 Budget Trading Program base budget to remove the number of tons equal to the unit's average annual emissions from the previous three calendar years.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2011.

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

**Condition 78: CO2 Budget Trading Program - Excess emission requirements
Effective between the dates of 02/24/2011 and 02/23/2016**

Applicable State Requirement:6 NYCRR 242-1.5

Item 78.1:

The owners and operators of a CO2 budget source that has excess emissions in any control period shall:

- (1) forfeit the CO2 allowances required for deduction under 6 NYCRR Part 242-6.5(d)(1), provided CO2 offset allowances may not be used to cover any part of such excess emissions; and
- (2) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR Part 242-6.5(d)(2).

**Condition 79: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016**



Applicable State Requirement:6 NYCRR Subpart 242-4

Item 79.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000124-38-9 CARBON DIOXIDE

Item 79.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Annual Compliance Certification Report:

(a) For each control period in which a CO₂ budget source is subject to the CO₂ requirements of subdivision 242-1.5(c) of this Part, CO₂ authorized account representative of the source shall submit to the department by March 1st following the relevant control period, a compliance certification report.

(b) The compliance certification report shall include the following elements:

(1) identification of the source and each CO₂ budget unit at the source;

(2) as an option, the serial numbers of the CO₂ allowances that are to be deducted from the source's compliance account under section 242-6.5 of this Part for the control period, including the serial numbers of any CO₂ offset allowances that are to be deducted subject to the limitations of section 242-6.5(a)(3) of this Part; and

(3) the compliance certification under subdivision (c) of this section (below).

(c) In the compliance certification report the CO₂ authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the CO₂ budget units at the source in compliance with the CO₂ Budget Trading Program, whether the source and each CO₂ budget unit at the source for which the compliance certification is submitted was operated during the calendar years covered by the report in compliance with the requirements of the CO₂ Budget Trading Program, including:

(1) whether the source was operated in compliance with the CO₂ requirements of section 242-1.5(c) of this Part;

(2) whether the monitoring plan applicable to each unit at the source has been maintained to reflect the actual operation and monitoring of the unit, and contains all



information necessary to attribute CO2 emissions to the unit, in accordance with Subpart 242-8 of this Part;

(3) whether all the CO2 emissions from the units at the source were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 242-8 of this Part. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(4) whether the facts that form the basis for certification under Subpart 242-8 of each monitor at each unit at the source, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 242-8 of this Part, if any, have changed; and

(5) if a change is required to be reported under paragraph (c)(4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: MARCH 1

Condition 80: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR Subpart 242-8

Item 80.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 80.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

(a) General provisions. The CO2 authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.



(b) Monitoring plans. The owner or operator of a CO₂ budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO₂ authorized account representative shall submit an application to the department within 45 days after completing all CO₂ monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO₂ authorized account representative shall submit quarterly reports, as follows:

(1) The CO₂ authorized account representative shall report the CO₂ mass emissions data and heat input data for the CO₂ budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the department for each calendar quarter.

(2) The CO₂ authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO₂ budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO_x, and SO₂ provisions.

(3) The CO₂ authorized account representative shall submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on CO₂ emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO₂ emissions; and

(iii) the CO₂ concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO₂ emissions.



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 4/30/2011.

Subsequent reports are due every 3 calendar month(s).

Condition 81: Compliance Demonstration
Effective between the dates of 02/24/2011 and 02/23/2016

Applicable State Requirement:6 NYCRR 242-8.5

Item 81.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-38-9 CARBON DIOXIDE

Item 81.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Recordkeeping and Reporting (6NYCRR Part 242-8.5)

(a) General provisions. The CO₂ authorized account representative shall comply with all recordkeeping and reporting requirements in this section, the applicable record keeping and reporting requirements under 40 CFR 75.73 and with the requirements of section 242-2.1(e) of this Part.

(b) Monitoring plans. The owner or operator of a CO₂ budget unit shall submit a monitoring plan in the manner prescribed in 40 CFR 75.62.

(c) Certification applications. The CO₂ authorized account representative shall submit an application to the department within 45 days after completing all CO₂ monitoring system initial certification or recertification tests required under section 242-8.2 of this Subpart including the information required under 40 CFR 75.63 and 40 CFR 75.53(e) and (f).

(d) Quarterly reports. The CO₂ authorized account representative shall submit quarterly reports, as follows:

(1) The CO₂ authorized account representative shall report the CO₂ mass emissions data and heat input data for the CO₂ budget unit, in an electronic format prescribed by the administrator unless otherwise prescribed by the



department for each calendar quarter.

(2) The CO₂ authorized account representative shall submit each quarterly report to the department or its agent within 30 days following the end of the calendar quarter covered by the report. Quarterly reports shall be submitted in the manner specified in subpart H of 40 CFR part 75 and 40 CFR 75.64. Quarterly reports shall be submitted for each CO₂ budget unit (or group of units using a common stack), and shall include all of the data and information required in subpart G of 40 CFR part 75, except for opacity, NO_x, and SO₂ provisions.

(3) The CO₂ authorized account representative shall submit to the department or its agent a compliance certification in support of each quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored. The certification shall state that:

(i) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR part 75, including the quality assurance procedures and specifications;

(ii) for a unit with add-on CO₂ emissions controls and for all hours where data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emissions controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B of 40 CFR part 75 and the substitute values do not systematically underestimate CO₂ emissions; and

(iii) the CO₂ concentration values substituted for missing data under Subpart D of 40 CFR part 75 do not systematically underestimate CO₂ emissions.

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 4/30/2011.

Subsequent reports are due every 3 calendar month(s).

