



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-0942-00106/00018
Mod 0 Effective Date: 08/12/2011 Expiration Date: 08/11/2016
Mod 1 Effective Date: 07/18/2012 Expiration Date: 08/11/2016

Permit Issued To: SARANAC POWER PARTNERS LP
1111 S 103RD ST
OMAHA, NE 68124-1000

Contact: STEVE WIBLE
SARANAC POWER PARTNERS
99 WEED ST EXT, PO BOX 2985
PLATTSBURGH, NY 12901
(518) 563-1072

Facility: SARANAC POWER PARTNERS COGENERATION FAC
99 WEED ST EXT
PLATTSBURGH, NY 12901

Description:

The Saranac Power Partners, L.P. facility consists of two General Electric Frame 7EA combustion gas turbines with a nominal electrical output of 80 MWe, each. Each turbine is equipped with a heat recovery steam generator (HRSG) with supplemental firing provided by duct burners. Steam generated by the HRSGs is passed through a single steam turbine (80 MWe, nominal). Electricity generated by the facility is sold to the grid. Low pressure steam exiting the steam turbine is passed through an air cooled condenser or, alternatively, is delivered to a neighboring industrial facility (Georgia-Pacific) for process and/or heating use. The turbines and duct burners are fired exclusively on natural gas. Emissions controls include the use of dry low NOx burners in the gas turbines, and selective catalytic reduction (SCR) and a CO catalyst in the heat recovery steam generators (HRSGs).

Also at the facility is an auxiliary boiler which is used to provide steam to Georgia-Pacific. The auxiliary boiler fires natural gas and utilizes low NOx burners for emissions control.

Emergency power capability is provided by two natural gas-fired standby generators (1500 kw each), a 1500 kw diesel-fired generator and a 400 kw diesel generator. Electricity



generated by this equipment
is used on-site and is not exported from the facility.

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: MICHAEL J MCMURRAY
 NYSDEC
 PO BOX 296
 RAY BROOK, NY 12977-0296

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG



DEC GENERAL CONDITIONS

****** General Provisions ******

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



submitted prior to actual transfer of ownership.

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

Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:

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

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

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

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road
Warrensburg, NY 12885-1172



(518) 623-1281

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: SARANAC POWER PARTNERS LP
1111 S 103RD ST
OMAHA, NE 68124-1000

Facility: SARANAC POWER PARTNERS COGENERATION FAC
99 WEED ST EXT
PLATTSBURGH, NY 12901

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
4931 - ELEC & OTHER SERVICES COMBINED

Mod 0 Permit Effective Date: 08/12/2011

Permit Expiration Date: 08/11/2016

Mod 1 Permit Effective Date: 07/18/2012

Permit Expiration Date: 08/11/2016



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 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR Subpart 201-6: Compliance Certification
- 24 6 NYCRR Subpart 201-6: Compliance Certification
- 25 6 NYCRR Subpart 201-6: Compliance Certification
- 26 6 NYCRR Subpart 201-6: Compliance Certification
- 27 6 NYCRR Subpart 201-6: Compliance Certification
- 28 6 NYCRR Subpart 201-6: Compliance Certification
- 29 6 NYCRR Subpart 201-6: Compliance Certification
- 30 6 NYCRR 201-6.5 (g): Non Applicable requirements
- 31 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *32 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 33 6 NYCRR 201-7.1: Facility Permissible Emissions
- *34 6 NYCRR 201-7.1: Capping Monitoring Condition
- 35 6 NYCRR 211.1: Air pollution prohibited
- 36 6 NYCRR 225-1.8 (d): Sampling, compositing, and analysis of fuel samples
- 37 6 NYCRR 227-1.3 (a): Compliance Certification
- 38 6 NYCRR 227-2.6 (b): CEMS monitoring, record keeping and reporting requirements..
- 39 6 NYCRR Subpart 243-1: NOx Ozone Season Budget
- 40 6 NYCRR Subpart 243-2: CAIR Representative
- 41 6 NYCRR Subpart 243-8: Monitoring and reporting NOx emissions
- 42 6 NYCRR Subpart 244-1: Compliance Certification



- 43 6 NYCRR Subpart 244-2: Compliance Certification
- 44 6 NYCRR Subpart 244-8: Compliance Certification
- 45 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 46 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 47 6 NYCRR Subpart 245-8: Compliance Certification
- 48 40CFR 52.21, Subpart A: Posting of emission limits and operating restrictions
- 49 40CFR 52.21, Subpart A: Compliance Certification
- 50 40CFR 52.21, Subpart A: Compliance Certification
- 51 40CFR 52.21(j), Subpart A: Compliance Certification
- 1-1 40CFR 52.21(j), Subpart A: Compliance Certification
- 52 40CFR 52.21(j), Subpart A: Compliance Certification
- 53 40CFR 52.21(j), Subpart A: Compliance Certification
- 54 40CFR 52.21(j), Subpart A: Compliance Certification
- 55 40CFR 52.21(j), Subpart A: Compliance Certification
- 56 40CFR 52.21(j), Subpart A: Compliance Certification
- 57 40CFR 52.21(j), Subpart A: Compliance Certification
- 58 40CFR 52.21(j), Subpart A: Compliance Certification
- 59 40CFR 52.21(j), Subpart A: Compliance Certification
- 60 40CFR 52.21(j), Subpart A: Compliance Certification
- 61 40CFR 52.21(j), Subpart A: Compliance Certification
- 62 40CFR 52.21(j), Subpart A: Compliance Certification
- 63 40CFR 52.21(j), Subpart A: Compliance Certification
- 64 40CFR 52.21(j), Subpart A: Compliance Certification
- 65 40CFR 52.21(j), Subpart A: Compliance Certification
- 66 40CFR 52.21(j), Subpart A: Compliance Certification
- 67 40CFR 52.21(j), Subpart A: Compliance Certification
- 68 40CFR 52.21(j), Subpart A: Compliance Certification
- 69 40CFR 52.21(j), Subpart A: Compliance Certification
- 71 40CFR 52.21(j), Subpart A: Compliance Certification
- 72 40CFR 52.21(j)(1), Subpart A: Minimum requirements.
- 1-2 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 73 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 74 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 75 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 76 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 77 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 78 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 79 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 80 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 81 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 82 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 83 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 84 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 85 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 86 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 87 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 88 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 89 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 90 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 91 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 92 40CFR 52.21(j)(2), Subpart A: Compliance Certification



- 94 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 95 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 96 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 97 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 98 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 99 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 100 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 101 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 102 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 103 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 104 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 105 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 106 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 107 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 108 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 109 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 110 40CFR 52.21(j)(2), Subpart A: Compliance Certification
 - 111 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
 - 112 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
 - 113 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
 - 114 40CFR 60.9, NSPS Subpart A: Availability of information.
 - 115 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
 - 116 40CFR 60.12, NSPS Subpart A: Circumvention.
 - 117 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
 - 118 40CFR 60.43a(b)(2), NSPS Subpart Da: Compliance Certification
 - 119 40CFR 60.48a, NSPS Subpart Da: Compliance Certification
 - 120 40CFR 60.49a, NSPS Subpart Da: Compliance Certification
 - 121 40CFR 60.51a(b), NSPS Subpart Da: Compliance Certification
 - 122 40CFR 60.48b(b), NSPS Subpart Db: NOx Monitoring Requirements
 - 123 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
 - 124 40CFR 60.49b(d), NSPS Subpart Db: Compliance Certification
 - 125 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
 - 126 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification
 - 127 40CFR 60.334(c), NSPS Subpart GG: Compliance Certification
 - 128 40CFR 60.334(h), NSPS Subpart GG: Compliance Certification
 - 129 40CFR 63.6595(a)(1), Subpart ZZZZ: Compliance Certification
 - 130 40CFR 63.6595(a)(1), Subpart ZZZZ: Compliance Certification
 - 131 40CFR 63.6600, Subpart ZZZZ: Compliance Certification
 - 132 40CFR 63.6605(a), Subpart ZZZZ: Compliance Certification
 - 133 40CFR 63.6605(b), Subpart ZZZZ: Compliance Certification
 - 134 40CFR 63.6625(e), Subpart ZZZZ: Compliance Certification
 - 135 40CFR 63.6625(f), Subpart ZZZZ: Compliance Certification
 - 136 40CFR 63.6640(f)(1), Subpart ZZZZ: Compliance Certification
 - 137 40CFR 63.6655, Subpart ZZZZ: Compliance Certification
 - 138 40CFR 63.6660, Subpart ZZZZ: Compliance Certification
 - 139 40CFR 68.10(a), Subpart A: Applicability
 - 140 40CFR 68.10(e), Subpart A: Facility no longer meets eligibility
 - 141 40CFR 72.6(a)(3)(vi), Subpart A: Compliance Certification
- Emission Unit Level**
- 142 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit



143 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 144 ECL 19-0301: Contaminant List
- 145 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 146 6 NYCRR 211.2: Visible Emissions Limited
- 147 6 NYCRR 221.2: Asbestos containing surface coatings prohibited
- 148 6 NYCRR 242-1.5: CO2 Budget Trading Program - Excess emission requirements
- 149 6 NYCRR 242-1.5: Compliance Demonstration
- 150 6 NYCRR 242-1.5: Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



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 08/12/2011 and 08/11/2016**

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 08/12/2011 and 08/11/2016**

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 08/12/2011 and 08/11/2016**

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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

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written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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



Condition 6: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to

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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:

Region 5 Suboffice
232 Golf Course Road
Warrensburg, NY 12885-1172

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 7: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)



Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

- (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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 08/12/2011 and 08/11/2016

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

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(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 08/12/2011 and 08/11/2016

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 contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 20: Accidental release provisions.
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40 CFR Part 68

Item 20.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 21: Recycling and Emissions Reduction



Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 22: Emission Unit Definition

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1(From Mod 1):

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

Emission Unit: U-00001

Emission Unit Description:

This emission unit consists of one emission point (EP #00001). Gas turbine #1 (ES 00GT1), duct burner #1 (ES 00DB1), standby generator (ES G102), emergency generator (G103) and maintenance generator (G104) all exhaust out of building B1's west stack (EP #00001). A selective catalytic reduction unit (ES 0SCR1) and a catalytic oxidation device (ES 0COC1) control emissions of NO_x, CO and VOC from the gas turbine/duct burner exhaust. The duct burner is only operated when the gas turbine is operating and both units fire natural gas only. The standby generator fires natural gas. The emergency and maintenance generators fire diesel fuel only.

Building(s): B1

Item 22.2(From Mod 1):

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

Emission Unit: U-00002

Emission Unit Description:

This emission unit consists of one emission point (EP #00002). Gas turbine #2 (ES 00GT2) and duct burner #2 (ES 00DB2) exhaust out of building B1's east stack (EP #00002). A selective catalytic reduction unit (ES 0SCR2) and a catalytic oxidation device (ES 0COC2) control emissions of NO_x, CO and VOC from the gas turbine/duct burner exhaust. The duct burner is only operated when the gas turbine is operating and both units fire natural gas only.

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Building(s): B1

Item 22.3(From Mod 1):

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

Emission Unit: U-00003

Emission Unit Description:

This emission unit is a D-tube boiler. The boiler burns natural gas. Steam from the boiler is sent to Georgia-Pacific.

Building(s): B2

Item 22.4(From Mod 0):

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

Emission Unit: U-00004

Emission Unit Description:

This emission unit is a 1500 kw standby generator that burn natural gas. This generator generates electricity for use in building B2 when the usual source of power is unavailable.

Building(s): B2

Condition 23: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GT1

Emission Unit: U-00002

Process: GT2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The CO emission rate is limited to no more than 2500 parts per million by volume (dry, corrected to 15% O₂) for a one minute average. This condition applies only during the first 3 hrs of a SU/SD period.

Manufacturer Name/Model Number: Siemens Ultramat 6E

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Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 2500 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: 40 CFR 60, App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 24: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 24.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002
Process: GT2

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the first 3 hrs of a
SD period.

Manufacturer Name/Model Number: Siemens Ultramat 6E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 29.4 pounds per hour
Reference Test Method: 40 CFR 60, App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 25.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002
Process: GT2

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the first 3 hrs of a
SU period. This should be interpreted as a maximum of 153
lb CO(total) for the first 3hr of a SU.

Manufacturer Name/Model Number: Siemens Ultramat 6E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 51 pounds per hour

Reference Test Method: 40 CFR 60, App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-hour average

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2011.

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

Condition 26: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 26.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002
Process: GT2

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

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Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the last 3 hrs of a 6 hr SU period.

Manufacturer Name/Model Number: Rosemount #951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2011.

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

Condition 27: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002
Process: GT2

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

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

This condition applies only during the first 3 hrs of a SU/SD period.

Manufacturer Name/Model Number: Rosemount #951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 60 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 75

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Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

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:

Compliance with 40 CFR 52.21(r)(1) requires:

A) The emergency stand-by generator (ES0G102), emergency generator (ES0G103), and emergency maintenance generator (ES0G104) may not be operated when either one or both gas turbines are operating, except during periods of normal start-up or shut down (not to exceed more than six hours per occurrence) and except during periods of normal testing and maintenance operation (not to exceed more than one hour per week). The source owner shall maintain a record of any occurrence of unpermitted simultaneous operation and the details surrounding the situation, how long it lasted and a description of why it happened. Such record shall be maintained on-site for a period of at least five years from the date of occurrence and provided to NYSDEC or USEPA representative upon request.

B) The two turbines (ES Nos. 00GT1 and 00GT2) may operate at base load with their duct burners (ES Nos. 00DB1 and 00DB2) at a firing rate of up to 221 million Btu's per hour or one turbine may operate with the duct burner firing at a rate of up to 553 million Btu's per hour. The source owner shall maintain a record of any occurrence of unpermitted simultaneous operation and the details surrounding the situation, how long it lasted and a description of why it happened. Such record shall be maintained on-site for a period of at least five years from the date of occurrence and provided to NYSDEC or USEPA representative upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 29: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0	CARBON MONOXIDE
CAS No: 0NY075-00-5	PM-10
CAS No: 0NY998-00-0	VOC
CAS No: 0NY075-02-5	PM 2.5
CAS No: 0NY210-00-0	OXIDES OF NITROGEN

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Saranac Power Partners LLC Title V Operating Permit was modified in 2009 to remove certain restrictions on auxiliary boiler use. This action was a minor modification under PSD since projected actual emissions did not exceed baseline actual emissions by a significant amount. In order to maintain minor modification status, actual emissions from the facility (total) shall not equal or exceed the following levels during the next 5 calendar years: NO₂ -267.0 tpy; CO - 103.5 tpy; VOC - 78.3 tpy; PM-10 - 124.5 tpy; PM-2.5 - 119.5 tpy.

The owner or operator shall calculate and maintain a record of the annual emissions of each of these contaminants, in tpy on a calendar year basis, for a period of 5 years following the effective date of this permit modification (6/21/09).

The owner or operator shall submit a report to the Administrator within 60 days after the end of each year during which records must be generated under paragraph (r)(6)(iii), setting out the unit's annual emissions determined as per paragraph (r)(6)(iii) for the preceding calendar year.

EPA reviewed this project and made their "Non-Applicability of Proposed Permit Modification" determination via letter of Jan 14, 2009 from Steven Riva

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



to Gibson Stine.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Non Applicable requirements
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 30.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

Condition 31: Facility Permissible Emissions
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 31.1:

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

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

per year CAS No: 0NY210-00-0 (From Mod 1) PTE: 714,000 pounds

Name: OXIDES OF NITROGEN

per year CAS No: 0NY998-00-0 (From Mod 1) PTE: 122,000 pounds

Name: VOC

Condition 32: Capping Monitoring Condition
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 32.1:

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

6 NYCRR Subpart 231-2

Item 32.2:

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

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Facility DEC ID: 5094200106



Item 32.3:

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

Item 32.4:

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

Item 32.5:

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

Item 32.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 32.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions from the facility (total) shall not exceed:
357 tpy (NO_x), and 61 tpy (VOC).

Compliance shall be demonstrated on each combustion gas turbine/HRSG and the auxilliary boiler by use of a CEMS for (NO_x) and emission factors from the last stack test for VOC; in conjunction with NO_x and VOC emission factors for the standby generators (G101 and G102) and emergency generators (G103 and G104), approved by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 33: Facility Permissible Emissions



Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 33.1:

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

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

CAS No: 0NY210-00-0 (From Mod 1) PTE: 714,000 pounds
per year

Name: OXIDES OF NITROGEN

Condition 34: Capping Monitoring Condition

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 34.1:

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

6 NYCRR 227-2.4 (f) (4)

Item 34.2:

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

Item 34.3:

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

Item 34.4:

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

Item 34.5:

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

Item 34.6:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Emission Unit: U-00004
Process: 1NG

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

Item 34.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Standby/emergency power generators G101, G102, G103 and G104 are exempt from NO_x RACT requirements as per 6 NYCRR Part 227-2.4(f)(4). Each standby/emergency generator is restricted to 500 hrs/yr operation, including operation during turbine startups and shutdowns, when the usual source of power is unavailable, and during routine maintenance and exercising. Compliance shall be demonstrated by maintaining a daily record of operating hours for each generator on-site.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours per year

Monitoring Frequency: CONTINUOUS

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

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 35: Air pollution prohibited
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR 211.1

Item 35.1:

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 36: Sampling, compositing, and analysis of fuel samples
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 36.1:

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

Condition 37: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree



of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

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 1/30/2012.

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

Condition 38: CEMS monitoring, record keeping and reporting requirements..

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 38.1:

This facility is subject to the applicable requirements of this subdivision:, specifically paragraphs 227-2.6(b)3 and 227-2.6(b)4. The firm shall submit a quarterly written CEMS report for every calendar quarter. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter. These quarterly audit reports shall follow the guidance provided by the Department (draft Air Guide 34) and 40 CFR Appendix F.

Condition 39: NOx Ozone Season Budget

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 243-1

Item 39.1:

1) As of midnight of November 30, or midnight of the first business day thereafter if November 30 is not a business day, the owners and operators shall hold, in their compliance account, CAIR NOx ozone season allowances available for compliance deductions for the previous control period (May 1 through September 30), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NOx ozone season units at the source during that control period.

(2) A CAIR NOx ozone season allowance shall not be deducted, for compliance with the requirements under paragraph (1) of this section, for a control period in a calendar year before



the year for which the CAIR NO_x ozone season allowance was allocated.

(3) 'Excess emissions requirements.' If a CAIR NO_x ozone season source emits nitrogen oxides during any control period in excess of the CAIR NO_x ozone season emissions limitation, the owners and operators of the source and each CAIR NO_x ozone season unit at the source shall surrender the CAIR NO_x ozone season allowances required for deduction under 6NYCRR Part 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. 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.

(4) Unless otherwise provided, the owners and operators of the CAIR NO_x ozone season source and each CAIR NO_x ozone season unit 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:

(i) The certificate of representation under 6NYCRR Part 243-2.4 for the CAIR NO_x ozone season 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 243-2.4 changing the CAIR NO_x ozone season designated representative.

(ii) All emissions monitoring information, in accordance with 6NYCRR Part 234-8, provided that to the extent that 6NYCRR Part 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 40: CAIR Representative
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 243-2

Item 40.1:

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 243-2.2, with regard to all matters under the CAIR NO_x Ozone Season 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 243-2.4(a)(4)(iv). Upon receipt by the Administrator of a complete certificate of representation under 6NYCRR Part 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 NOx Ozone Season source represented in all matters pertaining to the CAIR NOx 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. [243-2.1(a), (b) & (c)]

(2) 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." [243-2.1(e)]

Condition 41: Monitoring and reporting NOx emissions
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 243-8

Item 41.1:

Monitoring and Reporting NOx 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 243-2.1(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 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 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 (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 NO_x 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 243 and 40 CFR Part 75, including the quality assurance procedures and specifications; and

(ii) 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.

(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. [243-8.3(a)]

(7) Whenever the owner or operator makes a replacement, modification, or change in any certified continuous emission monitoring system under 6NYCRR Part 243-8.1(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 243-8.1(a)(1) are subject to the recertification requirements in 40 CFR 75.20(g)(6).

Condition 42: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 244-1

Item 42.1:

The Compliance Certification activity will be performed for the Facility.

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- 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 NOx 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 NOx Annual Trading Program.

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

Reporting Requirements: MARCH 1

Condition 43: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 244-2

Item 43.1:

The Compliance Certification activity will be performed for the Facility.

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1) Each CAIR NOx 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 NOx 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 NOx source represented in all matters pertaining to the CAIR NOx 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.

2) Each submission under the CAIR NOx Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NOx 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."

Reporting Requirements: MARCH 1

Condition 44: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 6 NYCRR Subpart 244-8

Item 44.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



Monitoring Description:

Monitoring and Reporting NOX 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 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.

(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 10/30/2011.
Subsequent reports are due every 3 calendar month(s).



Condition 45: CAIR SO2 Trading Program General Provisions
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 245-1

Item 45.1:

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 46: Designated CAIR Representative
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 245-2



Item 46.1:

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 47: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 245-8

Item 47.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 47.2:

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.

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 48: Posting of emission limits and operating restrictions
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 48.1:

A summary of the emission limits and operating restrictions of this permit must be posted in the control room of the facility and must be plainly visible (without obstructions) to the operator of the facility.

Condition 49: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 49.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002

Emission Unit: U-00003

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner shall maintain a file of all measurements, including CEM system performance evaluations; all CEM systems or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required under 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports and records.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.



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

Condition 50: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21, Subpart A

Item 50.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Emission Unit: U-00004 Emission Point: 00007

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

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The sulfur content of the fuel oil burned at the facility shall not exceed 0.30 percent by weight. Source owner shall obtain from vendor a certificate of analysis with each delivery to document compliance with this requirement. If vendor certification cannot be obtained, fuel oil analyses must be conducted following each delivery to verify that the sulfur content does not exceed 0.30 percent by weight. Vendor certification and/or result of analyses of individual deliveries shall be kept on-site for a period of at least 5 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 51: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 51.1:

The Compliance Certification activity will be performed for the facility:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002

Emission Unit: U-00003

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall submit a quarterly written CEM report to NYSDEC for every calendar year quarter. All quarterly reports shall be post marked by the 30th day following the end of each calendar quarter and shall include:

1. CEMS down time (40 CFR 60.7(b)) and excess emissions (40 CFR 60.7(c)) in a summary report format, as found in 40 CFR 60.7(d), or equivalent.
2. The results of the quarterly monitoring performance audit, reported in the format of 40 CFR 60 Appendix F (or equivalent).
3. Excess emissions shall be identified as any one-hour block period during which the average emissions of NO_x or CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits set forth in this permit.
4. For the purposes of this permit, excess emissions indicated by the CEM system for one hour block periods other than start-ups and shutdowns, malfunctions (as stated in 6NYCRR Subpart 201-1.4) and CEM calibrations may be considered violations of the applicable emission limits.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2011.

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

Condition 1-1: Compliance Certification
Effective between the dates of 07/18/2012 and 08/11/2016

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



Replaces Condition(s) 70

Item 1-1.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002 Emission Point: 00002

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

Item 1-1.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NO_x from the combined gas turbine and HRSG exhaust. The associated selective catalytic reduction unit, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operational except during periods of normal start-up or shut-down (not to exceed six hours per occurrence), is used to control NO_x emissions to the required limit of 9 ppm (by volume, dry, corrected to 15% oxygen). This limit, which is based upon a PSD BACT analysis and converts to approximately 0.033 pounds per million Btu's of heat input, is more stringent than the standard set forth in either 40 CFR 60, Subpart Da (0.2 pounds per million Btu) or 40 CFR 60, Subpart GG (.0075% or 75 ppm, by volume, dry, corrected to 15% oxygen, or approximately 0.28 pounds per million Btu) for NO_x emissions from the duct burner or the gas turbine, respectively. The associated duct burner will only be operated when the corresponding Gas Turbine is operating. Compliance with this combined limit will, therefore, assure compliance with the Subpart Da and Subpart GG limits for NO_x.

This condition does not apply during periods of SU (not to exceed 6 hrs) and SD (not to exceed 3 hrs) of the gas turbines, when the SU/SD limits are applicable.

Compliance with this emission limit demonstrates compliance with 6 NYCRR 227-2.4(e)(2) prior to 7/1/14 and with 227-2.4(e)(3) on and after 7/1/14.

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Manufacturer Name/Model Number: Rosemount #951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O2)
Reference Test Method: 40 CFR 60, App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.
Subsequent reports are due every 3 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 52.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001	
Process: GD1	Emission Source: 00DB1
Emission Unit: U-00002	
Process: GD2	Emission Source: 00DB2
Regulated Contaminant(s):	
CAS No: 0NY075-00-5	PM-10

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 4.15 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10
Upper Permit Limit: 0.0075 pounds per million Btus
Reference Test Method: EPA Method 201A & 202
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



Condition 53: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 53.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1 Emission Source: 00DB1

Emission Unit: U-00002
Process: GD2 Emission Source: 00DB2

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

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0027 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 1.50 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 1.50 pounds per hour
Reference Test Method: USEPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 54: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 54.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1 Emission Source: 00DB1

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0110 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 6.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 6.00 pounds per hour

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 55: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 55.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Process: GD2

Emission Source: 00GT2

Emission Unit: U-00002

Process: GT2

Emission Source: 00GT2



Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 5.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 0.0045 pounds per million Btus

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 56: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 56.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Process: GD2

Emission Source: 00GT2

Emission Unit: U-00002

Process: GT2

Emission Source: 00GT2

Regulated Contaminant(s):



CAS No: 0NY075-00-5 PM-10

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0135 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 15.20 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 15.20 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 57: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 57.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Process: GD2

Emission Source: 00GT2

Emission Unit: U-00002

Process: GT2

Emission Source: 00GT2

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The combustion turbines may not operate out of Pre-Mix Mode except during periods of malfunction or startup and



shutdown (not to exceed 6 hours per occurrence). Variances from this requirement shall be kept on-site for a period of at least five years.

In the Pre-Mix Mode, fuel is flowing to both the primary and secondary nozzles while the flame is in the secondary stage only.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 58.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001 Process: GD1	Emission Source: 00GT1
Emission Unit: U-00001 Process: GT1	Emission Source: 00GT1
Emission Unit: U-00002 Process: GD2	Emission Source: 00GT2
Emission Unit: U-00002 Process: GT2	Emission Source: 00GT2

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0062 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 7.00 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.



The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1 Emission Source: 00DB1

Emission Unit: U-00002
Process: GD2 Emission Source: 00DB2

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen (NO_x) from this source are limited to no more than 0.0800 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 44.40 pounds per hour. The associated selective catalytic reduction unit, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control NO_x emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.0800 pounds per million Btus
Reference Test Method: EPA Method 7, 7E, 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 61: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 61.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1 Emission Source: 00DB1

Emission Unit: U-00002

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0110 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 6.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 0.0110 pounds per million Btus

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 62: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 62.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 62.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide (CO) from this source are limited to no more than 0.0060 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 3.30 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control CO emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 3.30 pounds per hour

Reference Test Method: EPA Method 10

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 63: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 63.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

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

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen (NOx) from this source are limited to no more than 0.0800 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 44.40 pounds per hour. The associated selective catalytic reduction unit, which must be operated at all times that the gas turbine or gas

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Permit ID: 5-0942-00106/00018

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turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control NOx emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 44.40 pounds per hour
Reference Test Method: EPA Method 7, 7E
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 64: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 64.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001	
Process: GD1	Emission Source: 00GT1
Emission Unit: U-00001	
Process: GT1	Emission Source: 00GT1
Emission Unit: U-00002	
Process: GD2	Emission Source: 00GT2
Emission Unit: U-00002	
Process: GT2	Emission Source: 00GT2
Regulated Contaminant(s):	
CAS No: 0NY075-00-0	PARTICULATES

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0062 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 7.00 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured

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Permit ID: 5-0942-00106/00018

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emissions within a stated time.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0062 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 65: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 65.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 4.15 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 4.15 pounds per hour

Reference Test Method: EPA Method 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 66: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016



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

Item 66.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002 Emission Point: 00002

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the gas turbine/HRSG units. CO emission rate is limited to no more than 3 parts per million by volume (dry, corrected to 15% O₂). An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operational except during periods of normal start-up or shut-down (not to exceed 3 hours per occurrence), is used to control CO emissions to the required level.

This limit does not apply during periods of SU/SD (defined as 3 hrs from initiation) of the gas turbines.

Manufacturer Name/Model Number: Siemens Ultramat 6E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 3 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: 40 CFR 60, App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2011.

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

Condition 67: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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



Item 67.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1 Emission Source: 00DB1

Emission Unit: U-00002
Process: GD2 Emission Source: 00DB2

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide (CO) from this source are limited to no more than 0.0060 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 3.30 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine or gas turbine/duct burner combination is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control CO emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 0.0060 pounds per million Btus
Reference Test Method: EPA Method 10
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 68: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 68.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1 Emission Source: 00GT1



Emission Unit: U-00001
Process: GT1 Emission Source: 00GT1

Emission Unit: U-00002
Process: GD2 Emission Source: 00GT2

Emission Unit: U-00002
Process: GT2 Emission Source: 00GT2

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0135 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 15.20 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0135 pounds per million Btus

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 69: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 69.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002 Emission Point: 00002

Regulated Contaminant(s):



CAS No: 007664-41-7 AMMONIA

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Ammonia from this source are limited to no more than 10 ppm (by volume, dry, corrected to 15% oxygen). Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: AMMONIA

Upper Permit Limit: 10 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: Draft EPA Method 206

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 71: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 71.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00GT1

Emission Unit: U-00001

Process: GT1

Emission Source: 00GT1

Emission Unit: U-00002

Process: GD2

Emission Source: 00GT2

Emission Unit: U-00002

Process: GT2

Emission Source: 00GT2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Emissions of Volatile Organic Compounds (VOC) from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 5.00 pounds per hour. An oxidation catalyst, which must be operated at all times that the gas turbine is operating except during periods of start-up or shut-down (not to exceed six hours per occurrence), is used to control VOC emissions from this source. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 5.00 pounds per hour

Reference Test Method: EPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 72: Minimum requirements.
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(1), Subpart A

Item 72.1:

The affected facility shall, at a minimum, meet each applicable emission limitation under the State Implementation Plan and each applicable emissions standard and standard of performance under Parts 40 CFR 60 and 61.

Condition 1-2: Compliance Certification
Effective between the dates of 07/18/2012 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Replaces Condition(s) 93

Item 1-2.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

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

Item 1-2.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NOx from the

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Auxiliary Boiler. NOx emission rate is limited to no more than 0.1000 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 24.90 pounds per hour when burning natural gas. This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Compliance with this emission limit demonstrates compliance with 6 NYCRR 227-2.4(b)(1)(i) until 7/1/14 and with the facility specific NOx RACT limit under 227-2.5(c) on and after 7/1/14.

Manufacturer Name/Model Number: Rosemount #951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.1000 pounds per million Btus
Reference Test Method: 40 CFR 60, App B&F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2012.
Subsequent reports are due every 3 calendar month(s).

Condition 73: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A

Item 73.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from these emergency generators are limited to no more than 0.0573 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned). Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these

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limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Upper Permit Limit: 0.0573 pounds per million Btus

Reference Test Method: EPA Method 201A & 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 74: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 74.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 4.15 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0075 pounds per million Btus

Reference Test Method: EPA Method 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 75: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Item 75.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this source are limited to no more than 0.0075 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.70 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PM-10

Upper Permit Limit: 1.70 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 76: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 76.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of VOC from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



upon higher heating value of the fuel burned) and 1.12 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 0.0045 pounds per million Btus

Reference Test Method: USEPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 77: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 77.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

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

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this emergency generator are limited to no more than 2.6400 pounds per million Btu's (based upon higher heating value of the fuel burned) and 44.05 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 44.05 pounds per hour

Reference Test Method: EPA METHOD 7, 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 78: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 78.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this emergency generator are limited to no more than 1.7600 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 25.90 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 25.90 pounds per hour

Reference Test Method: EPA METHOD 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 79: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 79.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 79.2:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this emergency generator are limited to no more than 1.7600 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 25.90 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.7600 pounds per million Btus

Reference Test Method: EPA METHOD 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 80: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 80.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this emergency generator are limited to no more than 1.5700 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.61 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.61 pounds per hour

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Reference Test Method: EPA METHOD 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 81: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 81.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from this emergency generator are limited to no more than 1.5700 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.61 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.57 pounds per million Btus

Reference Test Method: EPA METHOD 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 82: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 82.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Emission Unit: U-00001
Process: 3DG

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this emergency generator are limited to no more than 0.0573 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.80 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: PM-10

Upper Permit Limit: 0.80 pounds per hour

Reference Test Method: EPA METHOD 201 & 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 83: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 83.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 4DG

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds from this emergency generator are limited to no more than 0.0350 pounds per million Btu's of heat input (based upon higher

New York State Department of Environmental Conservation

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heating value of the fuel burned) and 0.17 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: VOC

Upper Permit Limit: 0.0350 pounds per million Btus

Reference Test Method: EPA METHOD 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 84: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 84.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this emergency generator are limited to no more than 0.1080 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.59 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: VOC

Upper Permit Limit: 1.59 pounds per hour

Reference Test Method: EPA METHOD 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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Condition 85: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 85.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 3DG

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC) from this emergency generator are limited to no more than 0.1080 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.59 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: VOC

Upper Permit Limit: 0.1080 pounds per million Btus

Reference Test Method: EPA METHOD 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 86: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 86.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 4DG

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



CAS No: 0NY998-00-0 VOC

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds from this emergency generator are limited to no more than 0.0350 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.17 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: VOC

Upper Permit Limit: 0.17 pounds per hour

Reference Test Method: EPA METHOD 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 87: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 87.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

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

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this emergency generator are limited to no more than 2.9100 pounds per million Btu's of heat input (based upon higher heating value of the fuel) and 14.30 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source

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owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 14.30 pounds per hour

Reference Test Method: EPA METHOD 7, 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 88: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A

Item 88.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from this emergency generator are limited to no more than 0.0573 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.28 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: PM-10

Upper Permit Limit: 0.28 pounds per hour

Reference Test Method: EPA METHOD 201 & 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 89: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016



Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 89.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 4DG

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

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this emergency generator are limited to no more than 0.0470 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.23 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.23 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 90: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 90.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 3DG

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

Item 90.2:

Compliance Certification shall include the following monitoring:

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Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this emergency generator are limited to no more than 0.0470 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.69 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.69 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 91: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 91.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Regulated Contaminant(s):

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

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this emergency generator are limited to no more than 2.6400 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 44.05 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.64 pounds per million Btus

Reference Test Method: EPA METHOD 7, 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 92: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 92.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 4DG

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

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from this emergency generator are limited to no more than 2.9100 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 14.30 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 2.9100 pounds per million Btus
Reference Test Method: EPA METHOD 7, 7E
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 94: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 94.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003 Emission Point: 00003

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Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the Auxiliary Boiler. CO emission rate is limited to no more than 0.1180 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 29.40 pounds per hour when burning natural gas. This lb/mmBTU limit does not apply during periods of SU/SD where the lb/hr limit is not exceeded.

Manufacturer Name/Model Number: Siemens Ultramat 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.1180 pounds per million Btus

Reference Test Method: 40 CFR 60, App B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2011.

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

Condition 95: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 95.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

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

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of NOx from the Auxiliary Boiler. NOx emission rate is limited to no more than 0.1000 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 24.90 pounds per hour when burning natural gas.

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Permit ID: 5-0942-00106/00018

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Manufacturer Name/Model Number: Rosemount #951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 24.90 pounds per hour
Reference Test Method: 40 CFR 60, App B&F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 96: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 96.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003 Emission Point: 00003

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

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.12 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 1.12 pounds per hour
Reference Test Method: USEPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 97: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 97.1:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of VOC from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.12 pounds per hour. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: VOC

Upper Permit Limit: 1.12 pounds per hour

Reference Test Method: USEPA Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 98: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 98.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003

Emission Point: 00003

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0045 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 1.12 pounds per hour. Per 6 NYCRR, Subpart

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Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner may be required to submit an acceptable report of measured emissions within a stated time.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.0045 pounds per million Btus
Reference Test Method: USEPA Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 99: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A

Item 99.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003 Emission Point: 00003

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

A CEMS shall be used to monitor emissions of Carbon Monoxide (CO) from the Auxiliary Boiler. CO emission rate is limited to no more than 0.1180 pounds per million Btu's of heat input (based upon the higher heating value of the fuel burned) and 29.40 pounds per hour when burning natural gas.

Manufacturer Name/Model Number: Siemens Ultramat 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 29.40 pounds per hour

Reference Test Method: 40 CFR 60, App B&F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2011.

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

Condition 100: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016



Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 100.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00004 Emission Point: 00007
Process: 1NG

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from these emergency generators are limited to no more than 0.4300 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.46 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.46 pounds per hour

Reference Test Method: EPA Method 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 101: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 101.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

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Emission Unit: U-00004
Process: 1NG

Emission Point: 00007

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC's) from these emergency generators are limited to no more than 0.1440 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 2.80 pounds per hour when firing Natural Gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: VOC

Upper Permit Limit: 2.80 pounds per hour

Reference Test Method: EPA Method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 102: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 102.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00004
Process: 1NG

Emission Point: 00007

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 102.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 5-0942-00106/00018

Facility DEC ID: 5094200106



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Volatile Organic Compounds (VOC's) from these emergency generators are limited to no more than 0.1440 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 2.80 pounds per hour when firing Natural Gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: VOC

Upper Permit Limit: 0.1440 pounds per million Btus

Reference Test Method: EPA Method 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 103: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 103.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2NG

Emission Unit: U-00004

Emission Point: 00007

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 103.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from these emergency generators are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas.

Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these

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limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PM-10

Upper Permit Limit: 0.25 pounds per hour

Reference Test Method: EPA Meth 201A & 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 104: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 104.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2NG

Emission Unit: U-00004

Emission Point: 00007

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY075-00-5 PM-10

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of PM-10 (particulate matter less than 10 microns in diameter), from these emergency generators are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas.

Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request by the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PM-10

Upper Permit Limit: 0.0130 pounds per million Btus

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Reference Test Method: EPA Method 210A &202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 105: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 105.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 3DG

Emission Unit: U-00001

Process: 4DG

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 105.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from this source are limited to no more than 0.0470 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned). Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions upon request from the administrator.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0470 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 106: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 106.1:

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The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00004 Emission Point: 00007
Process: 1NG

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

Item 106.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from these emergency generators are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.0130 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 107: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 107.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00004 Emission Point: 00007
Process: 1NG



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

Item 107.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from these emergency generators are limited to no more than 0.0130 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 0.25 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.25 pounds per hour

Reference Test Method: USEPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 108: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A

Item 108.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00004 Emission Point: 00007
Process: 1NG

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

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from these emergency

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generators are limited to no more than 0.3590 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.00 pounds per hour when firing Natural Gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 7.00 pounds per hour

Reference Test Method: EPA Method 7, 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 109: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

Item 109.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00004 Emission Point: 00007
Process: 1NG

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

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Oxides of Nitrogen from these emergency generators are limited to no more than 0.3590 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.00 pounds per hour when firing Natural Gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES

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0G101.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.3590 pounds per million Btus

Reference Test Method: EPA Method 7, 7E, 19

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 110: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 52.21(j)(2), Subpart A

Item 110.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Point: 00001

Process: 2NG

Emission Unit: U-00004

Emission Point: 00007

Process: 1NG

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of Carbon Monoxide from these emergency generators are limited to no more than 0.4300 pounds per million Btu's of heat input (based upon higher heating value of the fuel burned) and 7.46 pounds per hour when burning natural gas. Per 6 NYCRR, Subpart 202-1, for the purpose of ascertaining compliance or non-compliance with these limits, source owner shall be required to submit an acceptable report of measured emissions for ES 0G101 upon request from the administrator. Emissions from ES 0G102 shall be accepted as being the same as those from ES 0G101.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.4300 pounds per million Btus

Reference Test Method: EPA Method 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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Condition 111: EPA Region 2 address.

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 111.1:

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

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

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

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

Condition 112: Recordkeeping requirements.

Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 112.1:

This Condition applies to:

Emission Unit: U00001
Process: GD1

Emission Unit: U00001
Process: GT1

Emission Unit: U00002

Emission Unit: U00003

Item 112.2:

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

Condition 113: Facility files for subject sources.

Effective between the dates of 08/12/2011 and 08/11/2016



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

Item 113.1:

This Condition applies to:

Emission Unit: U00001
Process: GD1

Emission Unit: U00001
Process: GT1

Emission Unit: U00002

Emission Unit: U00003

Item 113.2:

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

Condition 114: Availability of information.
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 114.1:

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

Condition 115: Compliance with Standards and Maintenance Requirements
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A

Item 115.1:

This Condition applies to:

Emission Unit: U00001
Process: GD1

Emission Unit: U00001
Process: GT1

Emission Unit: U00002



Emission Unit: U00003

Item 115.2:

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

Condition 116: Circumvention.

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 116.1:

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

Condition 117: Monitoring requirements.

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 117.1:

This Condition applies to:

Emission Unit: U00001

Process: GD1

Emission Unit: U00001

Process: GT1

Emission Unit: U00002

Emission Unit: U00003

Item 117.2:

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

Condition 118: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.43a(b)(2), NSPS Subpart Da

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Facility DEC ID: 5094200106



Item 118.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner will burn natural gas only in the duct burners at this facility (ES Nos. 00DB1 and 00DB2). Per USEPA AP-42 emission factors (Table 1.4-2, 3/98 Edition), this will maintain sulfur dioxide emissions at 0.0006 lbs/mmBTU; well below 0.20 pounds per million Btu's of heat input. No monitoring or reporting is required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 119: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.48a, NSPS Subpart Da

Item 119.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002

Process: GD2

Emission Source: 00DB2

Regulated Contaminant(s):

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

Item 119.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

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The owner or operator of an affected duct burner may elect to determine compliance by using the continuous emission monitoring system (CEMS) specified under § 60.49Da. The sampling site shall be located at the outlet from the steam generating unit. The NO_x emission rate at the outlet from the steam generating unit shall constitute the NO_x emission rate from the duct burner. The Subpart Da NO_x emission limit of 0.2 pounds per million BTU for the duct burner is equivalent to 54 ppm_{dv} @ 15% O₂ per equation 19-1 of USEPA Method 19.

For excess emissions reporting, an hour of excess emissions shall be any unit operating hour in which the 30-day rolling average NO_x concentration exceeds 54 ppm_v (dry, corrected to 15% Oxygen). The source owner shall submit NO_x excess emission and monitoring system performance reports as described in Sections 60.7(c) and (d), and contain information required by 40 CFR 60, Subparts A and Da.

This provision in no way precludes the source owner from the requirement to comply with the more stringent PSD [40 CFR 52.21(j)] limit for NO_x of 9 ppm_v (dry, corrected to 15% Oxygen) during normal operations as set forth elsewhere in this permit.

Manufacturer Name/Model Number: Rosemount #951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 54 parts per million by volume (dry, corrected to 15% O₂)
Reference Test Method: 40 cfr 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 30-DAY AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 3 calendar month(s).

Condition 120: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 60.49a, NSPS Subpart Da

Item 120.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1

Emission Source: 00DB1

Emission Unit: U-00002
Process: GD2

Emission Source: 00DB2

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Permit ID: 5-0942-00106/00018

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Regulated Contaminant(s):

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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Duct Burners shall not be operated unless the corresponding Gas Turbine is being operated. Then, compliance with the combined Gas Turbine/duct burner NOx limit of 9ppm (by volume, dry, corrected to 15% oxygen) will assure compliance with the 0.2 pounds per million Btu limit for the Duct Burner. A record shall be maintained to document the dates and times of operation for both the Duct Burner and corresponding Gas Turbine.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 121: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.51a(b), NSPS Subpart Da

Item 121.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: GD1

Emission Unit: U-00002

Process: GD2

Regulated Contaminant(s):

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

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following information for nitrogen oxides shall be reported to the Administrator for each 24 hour period:

1. Calendar date.



2. Average NO_x emission rate for each 30 successive boiler operating days ending with the last 30 day period in the quarter. These reports shall include reasons for non-compliance and corrective actions taken.
3. Identification of boiler operating days which pollutant or diluent data were not obtained by an approved method for at least 18 hours of operation and the justification for such action and corrective actions taken.
4. Identification of times when emissions data have been excluded from the calculation of average emission rate because of startup, shutdown, malfunctions, or any other reasons.
5. F-factor used for calculations, method of determination, and fuel type combusted.
6. Times when hourly averages have been obtained based on manual sampling methods.
7. Times when pollutant concentration exceeded full span of continuous monitoring system.
8. Description of any modifications to the continuous monitoring system which could affect the ability of the continuous monitoring system to comply with Performance Specifications 2 or 3.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 122: NO_x Monitoring Requirements
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 122.1:

This Condition applies to:

Emission Unit: U00003

Item 122.2:

Facilities subject to section 40 CFR 60-Db.44b shall install, calibrate, maintain, operate, and record the output from an oxides of nitrogen CEM.

Condition 123: Use of alternative methods for measuring NO_x during CEMS downtime

Effective between the dates of 08/12/2011 and 08/11/2016

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

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Facility DEC ID: 5094200106



Item 123.1:

This Condition applies to:

Emission Unit: U00003

Item 123.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 124: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 124.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003

Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 125: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 125.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:



Emission Unit: U-00003

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

Item 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

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Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 126: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

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

Item 126.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00003

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

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 127: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 60.334(c), NSPS Subpart GG

Item 127.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1 Emission Source: 00GT1

Emission Unit: U-00001
Process: GT1 Emission Source: 00GT1



Emission Unit: U-00002
Process: GD2 Emission Source: 00GT2

Emission Unit: U-00002
Process: GT2 Emission Source: 00GT2

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

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator of a gas turbine constructed after October 3, 1977, but before July 8 2004, and which does not use steam or water injection to control NOx emissions, may elect to determine compliance by using the continuous emission monitoring system (CEMS) specified under 40CFR 60.334(b). As per 40CFR 60.335(b)(3), the Subpart GG limit of 75ppmv (dry, corrected to 15% Oxygen) shall be used for the turbine regardless of whether the duct burners are being fired.

For excess emissions reporting, an hour of excess emissions shall be any unit operating hour in which the 4-hour rolling average NOx concentration exceeds 75 ppmv (dry, corrected to 15% Oxygen). The source owner shall submit NOx excess emission and monitoring system performance reports in lieu of water-to-fuel ratio reports. The reports shall be in a summary report form, and/or excess emission reports as described in Sections 60.7(c) and (d), and contain information required by 40 CFR 60, Subparts A and GG (except information related to water-to-fuel ratio).

This provision in no way precludes the source owner from the requirement to comply with the more stringent PSD [40 CFR 52.21(j)] limit for NOx of 9 ppmv (dry, corrected to 15% Oxygen) during normal operations and the additional start-up/shutdown limits for NOx as set forth elsewhere in this permit.

Manufacturer Name/Model Number: Rosemont #951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 75 parts per million by volume (dry, corrected to 15% O2)

Reference Test Method: 40 cfr 75
Monitoring Frequency: CONTINUOUS
Averaging Method: 4-HOUR ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.



The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 128: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 60.334(h), NSPS Subpart GG

Item 128.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001 Process: GD1	Emission Source: 00GT1
Emission Unit: U-00001 Process: GT1	Emission Source: 00GT1
Emission Unit: U-00002 Process: GD2	Emission Source: 00GT2
Emission Unit: U-00002 Process: GT2	Emission Source: 00GT2
Regulated Contaminant(s): CAS No: 007446-09-5	SULFUR DIOXIDE

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The facility obtained a variance from the USEPA for the monitoring requirements specified in 40CFR60.334(h) for sulfur and nitrogen content in natural gas supplied via a pipeline and fired in the stationary gas turbines. A custom schedule was approved by the USEPA on 9/23/94 as follows:

A. Analytical methods and procedures for analyzing fuel nitrogen and sulfur content shall be chosen in accordance with 40 CFR 60.335

B. For the first six months after the receipt of this letter, fuel nitrogen and sulfur content monitoring shall be conducted bimonthly. If the fuel nitrogen and sulfur content monitoring results show little variability and consistent compliance with 40 CFR 60.332 and 40 CFR 60.333 respectively, then fuel nitrogen and sulfur content shall be monitored quarterly.

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C. Should any fuel nitrogen or sulfur monitoring, as required by Item B indicate noncompliance with 40 CFR 60.332 or 40 CFR 60.333, the owner or operator shall notify EPA and the New York State Department of Environmental Conservation (NYSDEC) with 15 calendar days of the occurrence(s). Fuel nitrogen and sulfur content monitoring shall be conducted weekly during the interim period while the custom schedule is being re-examined by EPA.

D. If there is a change in fuel supply, NYSDEC and EPA will be notified and the custom schedule will be re-examined by EPA. A substantial change in fuel quality shall be considered as a change in fuel supply. Fuel nitrogen and sulfur content monitoring shall be conducted weekly during the interim period when the custom schedule is being re-examined.

E. Records of fuel analysis and fuel supply pertinent to this custom fuel monitoring schedule shall be retained for a period of 3 years, and be available for inspection by personnel of federal, state, and local air pollution control agencies.

In addition to monitoring the nitrogen content of the fuel, the facility utilizes a continuous emissions monitoring system (CEMS) to monitor NO_x emissions from the gas turbine/heat recovery steam generator systems.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NATURAL GAS
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.8 percent by weight
Reference Test Method: See 40CFR60.335
Monitoring Frequency: QUARTERLY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 129: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 63.6595(a)(1), Subpart ZZZZ

Item 129.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001



Process: 2NG

Emission Unit: U-00004
Process: 1NG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

63.6595(a)(1): If you have an existing stationary SI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations and operating limitations no later than October 19, 2013.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 130: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6595(a)(1), Subpart ZZZZ

Item 130.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 130.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

63.6595(a)(1): If you have an existing stationary CI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations and operating limitations no later than May 3, 2013.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 131: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement: 40CFR 63.6600, Subpart ZZZZ

Item 131.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Emission Unit: U-00004
Process: 1NG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 131.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As stated in 40 CFR 63.6600 and 63.6640, facility owners and operators must comply with the following emission and operating limitations for existing emergency compression ignition and spark ignition stationary RICE:

1. Change oil and filter every 500 hours of operation or annually, whichever comes first;
2. Inspect air cleaner (on CI generators) and spark plugs (on SI generators) every 1,000 hours of operation or annually, whichever comes first; and
3. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 132: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6605(a), Subpart ZZZZ

Item 132.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Emission Unit: U-00004
Process: 1NG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 132.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 63.6605 What are my general requirements for
complying with this subpart?

(a) You must be in compliance with the emission
limitations and operating limitations in this subpart that
apply to you at all times.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 133: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6605(b), Subpart ZZZZ

Item 133.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:



Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Emission Unit: U-00004
Process: 1NG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 133.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 63.6605 What are my general requirements for complying with this subpart?

(b) At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 134: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6625(e), Subpart ZZZZ

Item 134.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

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Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Emission Unit: U-00004
Process: 1NG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 63.6625 What are my monitoring, installation, collection, operation, and maintenance requirements?

e) If you own or operate any of the following stationary RICE, you must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions:

(3) An existing emergency or black start stationary RICE located at an area source of HAP emissions

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 135: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6625(f), Subpart ZZZZ

Item 135.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00001

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Process: 3DG

Emission Unit: U-00001

Process: 4DG

Emission Unit: U-00004

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 63.6625 What are my monitoring, installation, collection, operation, and maintenance requirements?

f) If you own or operate an existing emergency stationary RICE located at an area source of HAP emissions, you must install a non-resettable hour meter if one is not already installed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 136: Compliance Certification

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6640(f)(1), Subpart ZZZZ

Item 136.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Process: 2NG

Emission Unit: U-00001

Process: 3DG

Emission Unit: U-00001

Process: 4DG

Emission Unit: U-00004

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP



Item 136.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 63.6640 How do I demonstrate continuous compliance with the emission limitations and operating limitations?

(f) Requirements for emergency stationary RICE.

(1) If you own or operate an existing emergency stationary RICE located at an area source of HAP emissions, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1)(i) through (iii) of this section. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1)(i) through (iii) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1)(i) through (iii) of this section, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines.

(i) There is no time limit on the use of emergency stationary RICE in emergency situations.

(ii) You may operate your emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.

(iii) You may operate your emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a



demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (f)(1)(iii), as long as the power provided by the financial arrangement is limited to emergency power.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 137: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6655, Subpart ZZZZ

Item 137.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 2NG

Emission Unit: U-00001
Process: 3DG

Emission Unit: U-00001
Process: 4DG

Emission Unit: U-00004
Process: 1NG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 137.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



§ 63.6655 What records must I keep?

(d) You must keep the records required in Table 6 of this subpart to show continuous compliance with each emission or operating limitation that applies to you.

(e) You must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan if you own or operate any of the following stationary RICE;

(e)(2) An existing stationary emergency RICE.

(e)(3) An existing stationary RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to this subpart.

(f) If you own or operate any of the stationary RICE in paragraphs (f)(1) or (2) of this section, you must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

(f)(2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 138: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 63.6660, Subpart ZZZZ

Item 138.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001

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Process: 2NG

Emission Unit: U-00001

Process: 3DG

Emission Unit: U-00001

Process: 4DG

Emission Unit: U-00004

Process: 1NG

Regulated Contaminant(s):

CAS No: 0NY100-00-0 HAP

Item 138.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 63.6660 In what form and how long must I keep my records?

(a) Your records must be in a form suitable and readily available for expeditious review according to §63.10(b)(1).

(b) As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 139: Applicability

Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 68.10(a), Subpart A

Item 139.1:

An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under §68.115, shall comply with the requirements of this part no later than the latest of the following dates:

(1) June 21, 1999;

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(2) Three years after the date on which a regulated substance is first listed under §68.130; or

(3) The date on which a regulated substance is first present above a threshold quantity in a process.

The New York State Department of Environmental Conservation is not implementing the Chemical Accident Prevention Program (Part 68). All questions and plan submittals should be sent to the US Environmental Protection Agency, Region 2, New York City.

Condition 140: Facility no longer meets eligibility
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 68.10(e), Subpart A

Item 140.1:

If at any time a covered process no longer meets the eligibility criteria of its Program level, the owner or operator shall comply with the requirements of the new Program level that applies to the process and update the Risk Management Plan as provided in §68.190

The New York State Department of Environmental Conservation is not implementing the Chemical Accident Prevention Program (Part 68). All questions and plan submittals should be sent to the US Environmental Protection Agency, Region 2, New York City.

Condition 141: Compliance Certification
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:40CFR 72.6(a)(3)(vi), Subpart A

Item 141.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: GD1

Emission Unit: U-00001
Process: GT1

Emission Unit: U-00002

Item 141.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This emission source is subject to the title IV Acid Rain Regulations found in 40 CFR Parts 72, 73, 75, 76, 77, and 78.

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).

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

Condition 142: Emission Point Definition By Emission Unit
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 142.1(From Mod 1):

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 160 Diameter (in.): 192
NYTMN (km.): 4952.247 NYTME (km.): 622.283 Building: B1

Item 142.2(From Mod 1):

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

Emission Unit: U-00002

Emission Point: 00002

Height (ft.): 160 Diameter (in.): 192
NYTMN (km.): 4952.253 NYTME (km.): 622.296 Building: B1

Item 142.3(From Mod 1):

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

Emission Unit: U-00003

Emission Point: 00003

Height (ft.): 120 Diameter (in.): 60
NYTMN (km.): 4952.282 NYTME (km.): 622.242 Building: B2

Item 142.4(From Mod 0):

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

Emission Unit: U-00004

Emission Point: 00007

Height (ft.): 120 Diameter (in.): 20
NYTMN (km.): 4952.284 NYTME (km.): 622.267 Building: B2

Condition 143: Process Definition By Emission Unit
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6



Item 143.1(From Mod 1):

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

Emission Unit: U-00001
Process: 2NG Source Classification Code: 2-02-002-02
Process Description:
1500 kw standby generator which burns natural gas to provide electricity to building B1 during gas turbine startups and shutdowns, and when the usual source of power is unavailable.

Emission Source/Control: 0G102 - Combustion
Design Capacity: 1,500 kilowatts

Item 143.2(From Mod 1):

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

Emission Unit: U-00001
Process: 3DG Source Classification Code: 2-02-001-02
Process Description:
1500 kw emergency diesel generator that generates electricity for use in building B1 during gas turbine startups and shutdowns, and when the usual source of power is unavailable. This generator burns distillate fuel oil #2.

Emission Source/Control: 0G103 - Combustion
Design Capacity: 1,500 kilowatts

Item 143.3(From Mod 1):

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

Emission Unit: U-00001
Process: 4DG Source Classification Code: 2-02-001-02
Process Description:
400 kw maintenance generator burns #2 distillate fuel oil. Provides electrical power to building B1 during gas turbine shutdowns and startups, and when the usual source of power is unavailable.

Emission Source/Control: 0G104 - Combustion
Design Capacity: 400 kilowatts

Item 143.4(From Mod 1):

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

Emission Unit: U-00001
Process: GD1 Source Classification Code: 2-02-002-03
Process Description:
GE Frame 7 gas turbine/hrsg unit with supplemental firing of duct burner. Both units fire natural gas.

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Emission Source/Control: 00DB1 - Combustion
Design Capacity: 553 million Btu per hour

Emission Source/Control: 00GT1 - Combustion
Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC1 - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR1 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 143.5(From Mod 1):

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

Emission Unit: U-00001
Process: GT1 Source Classification Code: 2-02-002-03
Process Description:
GE Frame 7 gas turbine/hrsg unit with no supplemental firing of duct burner. Fuel used is natural gas.

Emission Source/Control: 00GT1 - Combustion
Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC1 - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR1 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 143.6(From Mod 1):

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

Emission Unit: U-00002
Process: GD2 Source Classification Code: 2-02-002-03
Process Description:
GE Frame 7 gas turbine/hrsg unit with supplemental firing of duct burner. Both units fire natural gas.

Emission Source/Control: 00DB2 - Combustion
Design Capacity: 553 million Btu per hour

Emission Source/Control: 00GT2 - Combustion
Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC2 - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR2 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 143.7(From Mod 1):



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

Emission Unit: U-00002
Process: GT2 Source Classification Code: 2-02-002-03
Process Description:
GE Frame 7 gas turbine/hrsg unit with no supplemental firing of duct burner. Fuel used is natural gas.

Emission Source/Control: 00GT2 - Combustion
Design Capacity: 1,123 million Btu per hour

Emission Source/Control: 0COC2 - Control
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0SCR2 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 143.8(From Mod 1):

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

Emission Unit: U-00003
Process: AXN Source Classification Code: 1-02-006-01
Process Description:
Auxiliary boiler burns natural gas to generate steam for Georgia-Pacific.

Emission Source/Control: 00AXB - Combustion
Design Capacity: 226 million Btu per hour

Item 143.9(From Mod 0):

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

Emission Unit: U-00004
Process: ING Source Classification Code: 2-02-002-02
Process Description:
1500 kw standby generator which burns natural gas to provide electricity to building B2 when the usual source of power is unavailable.

Emission Source/Control: 0G101 - Combustion
Design Capacity: 1,500 kilowatts



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 144: Contaminant List
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable State Requirement:ECL 19-0301

Item 144.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0
Name: CARBON MONOXIDE

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CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 007664-41-7
Name: AMMONIA

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY075-00-5
Name: PM-10

CAS No: 0NY075-02-5
Name: PM 2.5

CAS No: 0NY100-00-0
Name: HAP

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

CAS No: 0NY998-00-0
Name: VOC

Condition 145: Unavoidable noncompliance and violations
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable State Requirement: 6 NYCRR 201-1.4

Item 145.1:

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

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

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon

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

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

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

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

Condition 146: Visible Emissions Limited
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable State Requirement:6 NYCRR 211.2

Item 146.1:

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

Condition 147: Asbestos containing surface coatings prohibited
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable State Requirement:6 NYCRR 221.2

Item 147.1:

No person shall engage in or allow surface coating by the spraying of asbestos or asbestos-containing materials.

Condition 148: CO2 Budget Trading Program - Excess emission requirements
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable State Requirement:6 NYCRR 242-1.5

Item 148.1:



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 149: Compliance Demonstration
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable State Requirement: 6 NYCRR 242-1.5

Item 149.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 149.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators and, to the extent applicable, the CO2 authorized account representative of each CO2 budget source and each CO2 budget unit at the source shall comply with the monitoring requirements of Subpart 242-8. The emissions measurements recorded and reported in accordance with Subpart 242-8 of this Part shall be used to determine compliance by the unit with the following CO2 requirements:

- (1) The owners and operators of each CO2 budget source and each CO2 budget unit at the source shall hold CO2 allowances available for compliance deductions under Section 242-6.5, as of the CO2 allowance transfer deadline, in the source's compliance account in an amount not less than the total CO2 emissions for the control period from all CO2 budget units at the source, as determined in accordance with Subparts 242-6 and 242-8.
- (2) Each ton of CO2 emitted in excess of the CO2 budget emissions limitation shall constitute a separate violation of this Part and applicable state law.
- (3) A CO2 budget unit shall be subject to the requirements specified in item 1 starting on the later, of January 1, 2009 or the date on which the unit commences operation.
- (4) CO2 allowances shall be held in, deducted from, or transferred among CO2 Allowance Tracking System accounts in accordance with Subparts 242-5, 242-6, and 242-7, and Section 242-10.7.



(5) A CO2 allowance shall not be deducted, in order to comply with the requirements specified in item 1, for a control period that ends prior to the allocation year for which the CO2 allowance was allocated. A CO2 offset allowance shall not be deducted, in order to comply with the requirements under item 1, beyond the applicable percent limitations set out in 6NYCRR Part 242-6.5(a)(3).

(6) A CO2 allowance under the CO2 Budget Trading Program is a limited authorization by the Department or a participating state to emit one ton of CO2 in accordance with the CO2 Budget Trading Program. No provision of the CO2 Budget Trading Program, the CO2 budget permit application, or the CO2 budget permit or any provision of law shall be construed to limit the authority of the Department or a participating state to terminate or limit such authorization.

(7) A CO2 allowance under the CO2 Budget Trading Program does not constitute a property right.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 150: Compliance Demonstration
Effective between the dates of 08/12/2011 and 08/11/2016

Applicable State Requirement:6 NYCRR 242-1.5

Item 150.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 150.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owners and operators of the CO2 budget source and each CO2 budget unit at the source shall keep on site at the source each of the following documents for a period of 10 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 10 years, in writing by the department.

(i) The account certificate of representation for the CO2 authorized account representative for the source and each



CO2 budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR Part 242-2.4, provided that the certificate and documents shall be retained on site at the source beyond such 10-year period until such documents are superseded because of the submission of a new account certificate of representation.

(ii) All emissions monitoring information, in accordance with Subpart 242-8 and 40 CFR 75.57.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CO2 Budget Trading Program.

(iv) Copies of all documents used to complete a CO2 budget permit application and any other submission under the CO2 Budget Trading Program or to demonstrate compliance with the requirements of the CO2 Budget Trading Program.

The CO2 authorized account representative of a CO2 budget source and each CO2 budget unit at the source shall submit the reports and compliance certifications required under the CO2 Budget Trading Program, including those under Subpart 242-4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

