



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6101-00185/00008
Mod 0 Effective Date: 01/08/2008 Expiration Date: 01/07/2013
Mod 1 Effective Date: 03/23/2009 Expiration Date: 01/07/2013

Permit Issued To: BROOKLYN NAVY YARD COGENERATION PARTNERS
80-02 KEW GARDENS RD STE 200
KEW GARDENS, NY 11415-3600

Contact: CHRISTOPHER TRABOLD
BROOKLYN NAVY YARD COGENERATION PARTNERS
80-02 KEW GARDENS RD STE 200
KEW GARDENS, NY 11415
(718) 261-2164

Facility: BROOKLYN NAVY YARD COGENERATION PLANT
BROOKLYN NAVY YARD, 63 FLUSHING AVE|BLDG 41 UNIT #234
BROOKLYN, NY 11205

Description:

This facility (**Brooklyn Navy Yard Cogeneration Plant**) is a 286-megawatt (MW) gas-fired power plant. The original Title V permit was issued on 12/5/2000 and it was renewed on 1/8/2008. This is a modification to the Title V permit renewal. This modification is to include conditions recently promulgated under the regulations 6 NYCRR Parts 243, 244, 245. These regulations require facilities to obtain/possess at least as many “allocations” of sulfur dioxide (SO₂) & Oxides of Nitrogen (NO_x) as they emit into atmosphere during a specified period of time.

The plant consists of two Siemens V84.2 gas turbines, each equipped with a Heat Recovery Steam Generator. Gas Turbine air inlet cooling technology may be installed and operated at the plant on each of the combustion turbines. In addition, two distillate oil-fired emergency generators are provided. The plant supplies electricity to Con Edison and the Navy Yard, and supplies steam to Con Edison, the Navy Yard, and the Red Hook Water Pollution Control Plant.

The facility is an USEPA Performance Track member and may thus request incentives under the Performance Track Program, such as reduced reporting burdens and flexible permitting.



The sulfur content in the distillate and residual oils is regulated by 6 NYCRR Subpart 225-1 and the limits are 0.20% and 0.30% by weight, respectively. However, in order to minimize SO₂ emissions, the facility has chosen distillate oil to be used in the combustion turbines to have a maximum sulfur content of 0.04% by weight.

The facility-wide emissions for major air pollutants exceed the major source pollutant threshold and therefore is subject to the provisions of Title V specified under 6 NYCRR subpart 201-6. The facility is subject to the Title IV (Acid Rain Permit) provisions of 40 CFR Part 72, due to emissions of sulfur dioxide caused by activities of generating electricity.

Pursuant to the Phase II requirements of Title IV of the Clean Air Act Amendments of 1990 and 40 CFR Part 72.6(a)(3), the facility is required to apply for the Title IV (Phase II Acid Rain) permit in the Title V application. This application is for a federal Title IV (Phase II Acid Rain) permit only. The facility has to comply with all compliance requirements of Acid Rain Rules (40 CFR Parts 72, Parts 73, Parts 75, Parts 77 and Parts 78).

The department has made a tentative determination to approve an application for a Title IV Acid Rain Permit renewal to this previously approved facility as required by 40 CFR Part 72 for the applicant's Brooklyn Navy Yard Cogeneration Plant, located at 63 Flushing Avenue - Building 41 in Brooklyn, New York. Issuance of this permit will allow the Department to enforce the requirements of the Acid Rain Program. No emissions increase will result from permit issuance. Prior permits issued to this facility remain in force & include requirements for compliance with 6NYCRR Subpart 225-1 (Fuel Composition and Sulfur-use Limitations) and 227-1 (Stationary Combustion Installations) and 227-2 (Reasonably Available Control Technology (RACT) for Oxides of Nitrogen. The applicant will be required to have sufficient SO₂ allowances in its possession to cover SO₂ emissions from this facility. The applicant shall submit annual compliance certification reports to the Department and the U.S. Environmental Protection Agency (USEPA). The applicant shall monitor, maintain and certify monitoring systems for opacity, SO₂ emissions, NO_x emissions, SO₂ removal (if applicable), CO₂ emissions and volumetric flow rates in accordance with the requirements of 40 CFR Part 75. In accordance with 6NYCRR Parts 621 & 201, the Administrator of the USEPA has the authority to bar issuance of this permit if it is determined not to be in compliance with applicable requirements of the Clean Air Act or 6NYCRR Part 201.

Nature of business at the facility:

Electric Power Generation

4931 [primary SIC] - Electric & other services combined

New York State Department of Environmental Conservation
Facility DEC ID: 2610100185



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

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

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

Submission of application for permit modification or renewal -

REGION 2 HEADQUARTERS



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal - REGION 2 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

New York State Department of Environmental Conservation

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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80-02 KEW GARDENS RD STE 200
KEW GARDENS, NY 11415-3600

Facility: BROOKLYN NAVY YARD COGENERATION PLANT
BROOKLYN NAVY YARD, 63 FLUSHING AVE|BLDG 41 UNIT #234
BROOKLYN, NY 11205

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

Mod 0 Permit Effective Date: 01/08/2008

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Mod 1 Permit Effective Date: 03/23/2009

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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 Part 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 6 NYCRR 211.3: Visible Emissions Limited
- 21 40 CFR Part 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 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 201-6.5 (c) (3): Compliance Certification
- 29 6 NYCRR 201-6.5 (g): Non Applicable requirements
- 30 6 NYCRR 204-2.1: Submissions to the Department.
- 31 6 NYCRR 204-4.1: Contents of reports and compliance certifications.
- 32 6 NYCRR 204-4.1: Discretionary report contents.
- 33 6 NYCRR 204-4.1: Compliance Certification
- 34 6 NYCRR 204-7.1: Submission of NOx allowance transfers.
- 35 6 NYCRR 204-8.1: General provisions.
- 36 6 NYCRR 204-8.1: Prohibitions.
- 37 6 NYCRR 204-8.1: Requirements for installation, certification, and data accounting.
- 38 6 NYCRR 204-8.2: Requirements for recertification of monitoring systems.
- 39 6 NYCRR 204-8.2: Compliance Certification
- 40 6 NYCRR 204-8.3: Out of control periods.
- 41 6 NYCRR 204-8.4: Compliance Certification

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- 42 6 NYCRR 204-8.5: Compliance Certification
- 43 6 NYCRR 204-8.7: Compliance Certification
- 44 6 NYCRR 225-1.2 (a) (1): Compliance Certification
- 45 6 NYCRR 225.7 (a): Compliance Certification
- 46 6 NYCRR 227-1.3 (a): Compliance Certification
- 47 6 NYCRR 231-2.2 (b): Compliance Certification
- 48 6 NYCRR 231-2.4: Emission offset requirements
- 49 6 NYCRR 231-2.4: Compliance Certification
- 1-1 6 NYCRR 243-1.6 (a): Permit Requirements
- 1-2 6 NYCRR 243-1.6 (b): Monitoring requirements
- 1-3 6 NYCRR 243-1.6 (c): NOx Ozone Season Emission Requirements
- 1-4 6 NYCRR 243-1.6 (d): Excess emission requirements
- 1-5 6 NYCRR 243-1.6 (e): Recordkeeping and reporting requirements
- 1-6 6 NYCRR 243-2.1: Authorization and responsibilities of CAIR
designated representative
- 1-7 6 NYCRR 243-2.4: Certificate of representation
- 1-8 6 NYCRR 243-8.1: General requirements
- 1-9 6 NYCRR 243-8.1: Prohibitions
- 1-10 6 NYCRR 243-8.5 (d): Quarterly reports
- 1-11 6 NYCRR 243-8.5 (e): Compliance certification
- 1-12 6 NYCRR Subpart 244-1: CAIR NOx Annual Trading Program General
Conditions
- 1-13 6 NYCRR Subpart 244-2: Designated CAIR Representative
- 1-14 6 NYCRR Subpart 244-8: Compliance Certification
- 1-15 6 NYCRR Subpart 245-1: CAIR SO2 Trading Program General Provisions
- 1-16 6 NYCRR Subpart 245-2: Designated CAIR Representative
- 1-17 6 NYCRR Subpart 245-8: Compliance Certification
- 50 40CFR 52.21(j), Subpart A: Compliance Certification
- 51 40CFR 52.21(j), Subpart A: Compliance Certification
- 52 40CFR 60.7(a), NSPS Subpart A: Date of construction notification.
- 53 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 54 40CFR 60.7(c), NSPS Subpart A: Excess emissions report.
- 55 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 56 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 57 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 58 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 59 40CFR 60.12, NSPS Subpart A: Circumvention.
- 60 40CFR 60.332(b), NSPS Subpart GG: Compliance Certification
- 61 40CFR 60.334(h)(4), NSPS Subpart GG: Custom fuel monitoring schedule
- 62 40 CFR Part 75: Compliance Certification
- 63 40 CFR Part 75: Compliance Certification

Emission Unit Level

- 64 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 65 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-00001

- 66 6 NYCRR 231-2.2 (b): Compliance Certification
- 67 6 NYCRR 231-2.2 (b): Compliance Certification
- 68 6 NYCRR 231-2.2 (b): Compliance Certification

EU=U-00001,EP=00001,Proc=01A

- 69 6 NYCRR Subpart 201-6: Compliance Certification

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70 6 NYCRR Subpart 201-6: Compliance Certification
71 6 NYCRR Subpart 201-6: Compliance Certification
72 6 NYCRR Subpart 201-6: Compliance Certification
73 6 NYCRR 231-2.2 (b): Compliance Certification
74 6 NYCRR 231-2.2 (b): Compliance Certification
75 6 NYCRR 231-2.2 (b): Compliance Certification
76 6 NYCRR 231-2.2 (b): Compliance Certification
77 40CFR 52.21(j), Subpart A: Compliance Certification
78 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=01B

79 6 NYCRR Subpart 201-6: Compliance Certification
80 6 NYCRR Subpart 201-6: Compliance Certification
81 6 NYCRR Subpart 201-6: Compliance Certification
82 6 NYCRR Subpart 201-6: Compliance Certification
83 6 NYCRR 231-2.2 (b): Compliance Certification
84 6 NYCRR 231-2.2 (b): Compliance Certification
85 6 NYCRR 231-2.2 (b): Compliance Certification
86 6 NYCRR 231-2.2 (b): Compliance Certification
87 40CFR 52.21(j), Subpart A: Compliance Certification
88 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=01C

89 6 NYCRR Subpart 201-6: Compliance Certification
90 6 NYCRR Subpart 201-6: Compliance Certification
91 6 NYCRR Subpart 201-6: Compliance Certification
92 6 NYCRR Subpart 201-6: Compliance Certification
93 6 NYCRR 231-2.2 (b): Compliance Certification
94 6 NYCRR 231-2.2 (b): Compliance Certification
95 6 NYCRR 231-2.2 (b): Compliance Certification
96 6 NYCRR 231-2.2 (b): Compliance Certification
97 40CFR 52.21(j), Subpart A: Compliance Certification
98 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00001,EP=00001,Proc=01D

99 6 NYCRR Subpart 201-6: Compliance Certification
100 6 NYCRR Subpart 201-6: Compliance Certification
101 6 NYCRR Subpart 201-6: Compliance Certification
102 6 NYCRR Subpart 201-6: Compliance Certification
103 6 NYCRR 231-2.2 (b): Compliance Certification
104 6 NYCRR 231-2.2 (b): Compliance Certification
105 6 NYCRR 231-2.2 (b): Compliance Certification
106 6 NYCRR 231-2.2 (b): Compliance Certification
107 40CFR 52.21(j), Subpart A: Compliance Certification
108 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002

109 6 NYCRR 231-2.2 (b): Compliance Certification
110 6 NYCRR 231-2.2 (b): Compliance Certification
111 6 NYCRR 231-2.2 (b): Compliance Certification

EU=U-00002,EP=00002,Proc=02A

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1-18 6 NYCRR Subpart 201-6: Compliance Certification
112 6 NYCRR Subpart 201-6: Compliance Certification
113 6 NYCRR Subpart 201-6: Compliance Certification
114 6 NYCRR Subpart 201-6: Compliance Certification
116 6 NYCRR 231-2.2 (b): Compliance Certification
117 6 NYCRR 231-2.2 (b): Compliance Certification
118 6 NYCRR 231-2.2 (b): Compliance Certification
119 6 NYCRR 231-2.2 (b): Compliance Certification
120 40CFR 52.21(j), Subpart A: Compliance Certification
121 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002,EP=00002,Proc=02B

122 6 NYCRR Subpart 201-6: Compliance Certification
123 6 NYCRR Subpart 201-6: Compliance Certification
124 6 NYCRR Subpart 201-6: Compliance Certification
125 6 NYCRR Subpart 201-6: Compliance Certification
126 6 NYCRR 231-2.2 (b): Compliance Certification
127 6 NYCRR 231-2.2 (b): Compliance Certification
128 6 NYCRR 231-2.2 (b): Compliance Certification
129 6 NYCRR 231-2.2 (b): Compliance Certification
130 40CFR 52.21(j), Subpart A: Compliance Certification
131 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002,EP=00002,Proc=02C

132 6 NYCRR Subpart 201-6: Compliance Certification
133 6 NYCRR Subpart 201-6: Compliance Certification
134 6 NYCRR Subpart 201-6: Compliance Certification
135 6 NYCRR Subpart 201-6: Compliance Certification
136 6 NYCRR 231-2.2 (b): Compliance Certification
137 6 NYCRR 231-2.2 (b): Compliance Certification
138 6 NYCRR 231-2.2 (b): Compliance Certification
139 6 NYCRR 231-2.2 (b): Compliance Certification
140 40CFR 52.21(j), Subpart A: Compliance Certification
141 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00002,EP=00002,Proc=02D

142 6 NYCRR Subpart 201-6: Compliance Certification
143 6 NYCRR Subpart 201-6: Compliance Certification
144 6 NYCRR Subpart 201-6: Compliance Certification
145 6 NYCRR Subpart 201-6: Compliance Certification
146 6 NYCRR 231-2.2 (b): Compliance Certification
147 6 NYCRR 231-2.2 (b): Compliance Certification
148 6 NYCRR 231-2.2 (b): Compliance Certification
149 6 NYCRR 231-2.2 (b): Compliance Certification
150 40CFR 52.21(j), Subpart A: Compliance Certification
151 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00003

152 6 NYCRR 231-2.2 (b): Compliance Certification

EU=U-00003,EP=00003,Proc=03A

153 6 NYCRR Subpart 201-6: Compliance Certification

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- 154 6 NYCRR Subpart 201-6: Compliance Certification
- 155 6 NYCRR 231-2.2 (b): Compliance Certification
- 156 6 NYCRR 231-2.2 (b): Compliance Certification
- 157 6 NYCRR 231-2.2 (b): Compliance Certification
- 158 6 NYCRR 231-2.2 (b): Compliance Certification
- 159 40CFR 52.21(j), Subpart A: Compliance Certification
- 160 40CFR 52.21(j), Subpart A: Compliance Certification

EU=U-00004

- 161 6 NYCRR 231-2.2 (b): Compliance Certification

EU=U-00004,EP=00004,Proc=04A

- 162 6 NYCRR Subpart 201-6: Compliance Certification
- 163 6 NYCRR Subpart 201-6: Compliance Certification
- 164 6 NYCRR 231-2.2 (b): Compliance Certification
- 165 6 NYCRR 231-2.2 (b): Compliance Certification
- 166 6 NYCRR 231-2.2 (b): Compliance Certification
- 167 6 NYCRR 231-2.2 (b): Compliance Certification
- 168 40CFR 52.21(j), Subpart A: Compliance Certification
- 169 40CFR 52.21(j), Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 170 ECL 19-0301: Contaminant List
- 171 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 172 6 NYCRR 211.2: Air pollution prohibited
- 173 6 NYCRR 237-1.6 (c): Compliance Demonstration
- 174 6 NYCRR 237-1.6 (e): Recordkeeping and Reporting Requirements
- 175 6 NYCRR 237-1.6 (f): Liability- facility and units with common stacks
- 176 6 NYCRR 237-1.6 (g): Effect on other Authorities
- 177 6 NYCRR Subpart 237-2: Authorization and responsibilities of the
NOx authorized account representative
- 178 6 NYCRR 237-4.1: Compliance Demonstration
- 179 6 NYCRR 237-7.1: Submission of NOx allowance transfers
- 180 6 NYCRR Subpart 237-8: Compliance Demonstration
- 181 6 NYCRR 238-1.4: Applicability
- 182 6 NYCRR 238-1.6 (a): Permit Requirements
- 183 6 NYCRR 238-1.6 (c): Compliance Demonstration
- 184 6 NYCRR 238-1.6 (e): Compliance Demonstration
- 185 6 NYCRR 238-1.6 (f): Liability
- 186 6 NYCRR 238-1.6 (g): Effect on Other Authorities
- 187 6 NYCRR 238-2.1: Submissions to the Department
- 188 6 NYCRR 238-4.1: Compliance Demonstration
- 189 6 NYCRR 238-7.1: Submission of SO2 allowance transfers
- 190 6 NYCRR Subpart 238-8: Compliance Demonstration



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

(1) An emergency occurred and that the facility owner and/or

operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department

within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)

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

New York State Department of Environmental Conservation

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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.

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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

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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

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(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 01/08/2008 and 01/07/2013

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 01/08/2008 and 01/07/2013

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

Item 2.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 3.1:

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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 01/08/2008 and 01/07/2013

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 01/08/2008 and 01/07/2013

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

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frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 60 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.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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



Condition 6: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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.

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

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

The address for the RAPCE is as follows:

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

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

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Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 01/08/2008 and 01/07/2013

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 Prohibited at Industrial and Commercial Sites
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Part 215

Item 9.1:

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

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 01/08/2008 and 01/07/2013

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.

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Condition 11: Recycling and Salvage
Effective between the dates of 01/08/2008 and 01/07/2013

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 01/08/2008 and 01/07/2013

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 01/08/2008 and 01/07/2013

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 01/08/2008 and 01/07/2013

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

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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 01/08/2008 and 01/07/2013

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 01/08/2008 and 01/07/2013

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.

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Condition 18: Off Permit Changes

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 18.1:

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

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

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

Condition 19: Required Emissions Tests

Effective between the dates of 01/08/2008 and 01/07/2013

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. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 211.3

Item 20.1:

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

Condition 21: Accidental release provisions.

Effective between the dates of 01/08/2008 and 01/07/2013

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Applicable Federal Requirement:40 CFR Part 68

Item 21.1:

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

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

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

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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

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

Condition 23: Emission Unit Definition
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1(From Mod 1):

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

Emission Unit: U-00002

Emission Unit Description:

Siemens Westinghouse V84.2 combustion turbine equipped with HR3 dry low-NOx burner, gas turbine air inlet cooling, selective catalytic reduction, CO catalytic reduction, and a heat recovery steam generator(HRSG).

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Building(s): B41

Item 23.2(From Mod 0):

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

Emission Unit: U-00001

Emission Unit Description:

Siemens Westinghouse V84.2 combustion turbine equipped with HR3 dry low-NOx burner, gas turbine air inlet cooling, selective catalytic reduction, CO catalytic reduction, and a heat recovery steam generator(HRSG).

Building(s): B41

Item 23.3(From Mod 0):

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

Emission Unit: U-00003

Emission Unit Description:

EMERGENCY GENERATOR NUMBER 1.

Building(s): B41

Item 23.4(From Mod 0):

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

Emission Unit: U-00004

Emission Unit Description:

EMERGENCY GENERATOR NUMBER 2.

Building(s): B-41

Condition 24: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The gas turbines should only fire natural gas or distillate oil (distillate oil shall be defined as: #1 distillate, #2 distillate, kerosene, or Jet A fuel).

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

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Condition 25: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each gas turbine may operate between 50% and 100% load separately or simultaneously, except during periods of start-up and shutdown.

70% load corresponds to 76.9 MW (gas firing, 30 degrees F) per turbine.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 26: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Emission Unit: U-00002

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The gas turbines are permitted to burn bio-gas from the Red Hook Water Treatment Plant in conjunction with natural gas. The facility should have a line mounted gas meter to measure bio-gas usage. This positive displacement meter should be sealed in place and will measure fuel continuously.

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Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: OTHER GASEOUS FUELS

Upper Permit Limit: 100 million cubic feet per year

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HR ROLLING AVG., CALCULATED EA. HR

AS THE AVG OF THE PAST 24 OPERATING
HRS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 27: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall, within six months following the issuance of this permit, submit start-up and shutdown emissions data for NO_x, CO, and NH₃ to the Department for review. This data will be used by the Department to establish enforceable combustion turbine start-up and shutdown emission rates for NO_x, CO, and NH₃, and confirm that such established rates would not result in a violation of applicable NAAQS. Based on the data submitted, the Department will modify this permit to include the applicable start-up and shutdown rates.

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 4/30/2008.

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

Condition 28: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

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Item 28.2:

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.

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 Compliance Monitoring and Enforcement (BCME) 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 4/30/2008.

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

Condition 29: Non Applicable requirements

Effective between the dates of 01/08/2008 and 01/07/2013

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

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Item 29.1:

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 30: Submissions to the Department.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-2.1

Item 30.1: Each submission under the NOx Budget Trading Program shall be submitted, signed and certified by the NOx authorized account representative for each NOx Budget source on behalf of which the submission is made. Each submission shall include a certification statement (as stated in paragraph 204-2.4(a)(4)) by the NOx authorized account representative.

Condition 31: Contents of reports and compliance certifications.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-4.1

Item 31.1: The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx Budget emissions limitation for the control period covered by the report:

- (1) Identification of each NOx Budget unit; and
- (2) In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx Budget units at the source in compliance with the NOx Budget Trading Program, whether each NOx Budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx Budget Trading Program applicable to the unit, including:
 - (i) Whether the unit was operated in compliance with the NOx Budget emissions limitation;
 - (ii) Whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with Subpart 204-8;
 - (iii) Whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 204-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions has been made;
 - (iv) Whether the facts that form the basis for certification under Subpart 204-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 204-8, if any, has changed; and
 - (v) If a change is required to be reported under item (iv) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was

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determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Condition 32: Discretionary report contents.
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-4.1

Item 32.1: At the NOx authorized account representative's option the following may be included in the compliance certification report:

- (1) The serial numbers of the NOx allowances that are to be deducted from each unit's compliance account under Section 204-6.5 for the control period; and
- (2) For units sharing a common stack and having NOx emissions that are not monitored separately or apportioned in accordance with Subpart 204-8, the percentage of NOx allowances that is to be deducted from each unit's compliance account under Subdivision 204-6.5(e).

Condition 33: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-4.1

Item 33.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NOx Budget units at a source are subject to the NOx Budget emissions limitation, the NOx authorized account representative of the source shall submit to the Department and the Administrator by November 30 of that year, a compliance certification report for each source covering all such units.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Submission of NOx allowance transfers.
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-7.1

Item 34.1: The NOx authorized account representatives seeking recordation of a NOx allowance transfer shall submit the transfer to the Administrator. To be considered correctly

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submitted, the NOx allowance transfer shall include the following elements in a format specified by the Administrator:

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

Condition 35: General provisions.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.1

Item 35.1: The owners and operators, and to the extent applicable, the NOx authorized account representative of a NOx Budget unit, shall comply with the monitoring and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in Section 204-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NOx Budget unit," "NOx authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.

Condition 36: Prohibitions.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.1

Item 36.1: No owner or operator of a NOx Budget unit or a non-NOx Budget unit monitored under 40 CFR 75.72(b)(2)(ii) shall:

- (1) use any alternative monitoring system, alternative reference method, or any other alternative for the required continuous emission monitoring system without having obtained prior written approval in accordance with Section 204-8.6;
- (2) operate the unit so as to discharge, or allow to be discharged, NOx emissions to the atmosphere without accounting for all such emissions in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74;
- (3) disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and thereby avoid monitoring and recording NOx mass emissions discharged into the atmosphere, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75 except as provided for in 40 CFR 75.74; and
- (4) permanently discontinue use of the continuous emission monitoring system, any component thereof, or any other approved emission monitoring system under this Subpart, except under any one of the following circumstances:
 - (i) The owner or operator is monitoring emissions from the unit with another certified monitoring system approved, in accordance with the applicable provisions of this Subpart and 40 CFR Part 75, by the Department for use at that unit that provides emission data for the same pollutant or parameter as the discontinued monitoring system; or
 - (ii) The NOx authorized account representative submits notification of the date of certification testing of a replacement monitoring system in accordance with Paragraph 204-8.2(b)(2).

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Condition 37: Requirements for installation, certification, and data accounting.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.1

Item 37.1: The owner or operator of each NOx Budget unit must meet the following requirements. These provisions also apply to a unit for which an application for a NOx Budget opt-in permit is submitted and not denied or withdrawn, as provided in Subpart 204-9:

- (1) Install all monitoring systems required under this Subpart for monitoring NOx mass. This includes all systems required to monitor NOx emission rate, NOx concentration, heat input, and air or fuel flow, in accordance with 40 CFR 75.71 and 75.72.
- (2) Install all monitoring systems for monitoring heat input, if required under Section 204-8.7 for developing NOx allowance allocations.
- (3) Successfully complete all certification tests required under Section 204-8.2 and meet all other provisions of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraphs (a)(1) and (2) of this section.
- (4) Record and report data from the monitoring systems under paragraphs (a)(1) and (2) of this section.

Condition 38: Requirements for recertification of monitoring systems.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.2

Item 38.1: Whenever the owner or operator makes a replacement, modification, or change in a certified monitoring system that the Administrator or the Department determines significantly affects the ability of the system to accurately measure or record NOx mass emissions or heat input or to meet the requirements of 40 CFR 75.21 or Appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system according to 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 the Administrator or the Department determines to significantly change the flow or concentration profile, the owner or operator shall recertify the continuous emissions monitoring system according to 40 CFR 75.20(b). Examples of changes which require recertification include: replacement of the analyzer, change in location or orientation of the sampling probe or site, or changing of flow rate monitor polynomial coefficients.

Condition 39: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.2

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

The owner or operator of a NOx Budget unit under paragraphs (b)(2) or (b)(3) of this section must determine, record and report NOx mass, heat input (if required for purposes of allocations) and any other values required to determine NOx Mass (e.g. NOx emission rate and heat input or NOx concentration and stack flow) using the provisions of 40 CFR 75.70(g), from the date and hour that the unit starts operating until all required certification tests are successfully completed.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 40: Out of control periods.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.3

Item 40.1: Whenever any monitoring system fails to meet the quality assurance requirements of Appendix B of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

Condition 41: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.4

Item 41.1:

The Compliance Certification activity will be performed for the Facility.

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Authorized Account Representative for a NOx Budget unit shall submit written notice to the Department and the USEPA Administrator in accordance with the requirements of this subpart as follows:

All monitoring plans or monitoring plan modifications; compliance certifications, recertifications and quarterly QA/QC reports; and, petitions for alternative monitoring, shall be submitted to the USEPA Administrator (or his/her representatives) as well as two copies to the Department (one copy to the Regional Air Pollution Control Engineer (RAPCES) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office. All Authorized Account Representative changes shall be sent to the NYSDEC central office.

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All quarterly emission data shall be electronically filed with the USEPA Clean Air Markets Division with a copy (disc or hard copy) to the NYSDEC offices.

The address for the USEPA Administrator is as follows:

USEPA Clean Air Markets Division
1200 Pennsylvania Avenue
Washington D.C. 20460

Washington D.C. 20460

CEM Coordinator
USEPA-Region 2
2890 Woodbridge Avenue
Edison, N.J. 08837

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring and Enforcement
625 Broadway, 2nd Floor
Albany N.Y. 12233-3258

AAR changes should be sent to the attention of:

NYSDEC
Stationary Source Planning Section
Bureau of Air Quality Planning
625 Broadway, 2nd Floor
Albany NY 12233-3251

The address for the RAPCE is as follows:

Hunters Point Plaza
47-20 21st Street
Long Island City, NY 11101-5407

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 42: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.5

Item 42.1:

The Compliance Certification activity will be performed for the Facility.

Item 42.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The NOx authorized account representative shall submit each quarterly report to the department and 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 subpart H of 40 CFR part 75 and 40 CFR 75.64.

- For units subject to an Acid Rain Emissions limitation, quarterly reports shall include all of the data and information required in subpart H of 40 CFR part 75 for each NOx budget unit (or group of units using a common stack) as well as information required in subpart G of 40 CFR part 75.

- For units not subject to an acid rain emissions limitation, quarterly reports are only required to include all of the data and information required in subpart H of 40 CFR part 75 for each NOx budget unit (or group of units using a common stack).

Compliance certification

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

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

(ii) for a unit with add-on NOx emission controls and for all hours where 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 monitoring plan and the substitute values do not systematically underestimate NOx emissions; and

(iii) for a unit that is reporting on a control period basis under this subdivision the NOx emission rate and NOx concentration values substituted for missing data under subpart D of 40 CFR part 75 are calculated using only values from a control period and do not systematically underestimate NOx emissions.

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The NOx authorized account representative shall comply with all recordkeeping and reporting requirements in this section and with the requirements of section 204-2.1(e) of 6 NYCRR Part 204.

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 43: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 204-8.7

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:

The owner or operator of a unit that elects to monitor and report NOx Mass emissions using a NOx concentration system and a flow system shall also monitor and report heat input at the unit level using the procedures set forth in 40 CFR Part 75.

Monitoring Frequency: HOURLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 44: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 225-1.2 (a) (1)

Item 44.1:

The Compliance Certification activity will be performed for the Facility.

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sulfur content of liquid fuel burned at the facility will not exceed 0.04 percent by weight. This practice will also show compliance with 40 CFR 60 GG 60.333(b).

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The fuel type includes Kerosene and Jet A.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.04 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 225.7 (a)

Item 45.1:

The Compliance Certification activity will be performed for the Facility.

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 46.1:

The Compliance Certification activity will be performed for the Facility.

Item 46.2:

Compliance Certification shall include the following monitoring:

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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-six-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

Monitoring Frequency: ANNUALLY

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 4/30/2008.

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

Condition 47: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 47.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Total annual distillate oil (including Kerosene and Jet
A) use for both turbines & generators will not exceed the
following (based on a daily rolling basis):

Siemens V84.2: 10.66×10^6 gal/yr.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 10.66 million gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 48: Emission offset requirements

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.4

Item 48.1:

To satisfy the emission offset requirements of Part 231, the facility has obtained 189.5
Emission Reduction Credits (ERCs) of NO_x from the following sources:

Facility Name	DEC ID
ERCs (tpy)	
Long Island Lighting Company (Lilco)	1472200107
189.5	
Port Jefferson Facility	

Condition 49: Compliance Certification

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Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.4

Item 49.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Emission Unit: U-00003

Emission Unit: U-00004

Regulated Contaminant(s):

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

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The total NO_x emissions from Brooklyn Navy Yard Cogen Plant is limited to 145.77 tpy rolled daily. The emissions shall be calculated by using CEMS data for turbines and most recent stack test results for emergency generators. Permit limits shall be used until a stack test is done.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 1-1: Permit Requirements

Effective between the dates of 03/23/2009 and 01/07/2013

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

Item 1-1.1:

The CAIR designated representative of each CAIR NO_x Ozone Season source shall:

- (i) submit to the department a complete CAIR permit application under section 243-3.3 in accordance with the deadlines specified in section 243-3.2; and
- (ii) submit in a timely manner any supplemental information that the department determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

The owners and operators of each CAIR NO_x Ozone Season source shall have a CAIR permit issued by the department under Subpart 243-3 for the source and operate the source and the unit in compliance with such CAIR permit.

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Condition 1-2: Monitoring requirements
Effective between the dates of 03/23/2009 and 01/07/2013

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

Item 1-2.1:

The emissions measurements recorded and reported in accordance with Subpart 243-8 shall be used to determine compliance by each CAIR NO_x Ozone Season source with the CAIR NO_x Ozone Season emissions limitation under subdivision (c) of this section.

Condition 1-3: NO_x Ozone Season Emission Requirements
Effective between the dates of 03/23/2009 and 01/07/2013

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

Item 1-3.1:

As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NO_x Ozone Season allowances available for compliance deductions for the control period under section 243-6.5(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NO_x Ozone Season units at the source, as determined in accordance with Subpart 243-8. The CAIR NO_x ozone season is the period beginning May 1 of a calendar year, except as provided in section 243-1.6(c)(2), and ending on September 30 of the same year, inclusive.

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

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

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

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

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

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

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Condition 1-4: Excess emission requirements
Effective between the dates of 03/23/2009 and 01/07/2013

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

Item 1-4.1:

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

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

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

Condition 1-5: Recordkeeping and reporting requirements
Effective between the dates of 03/23/2009 and 01/07/2013

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

Item 1-5.1:

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

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

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

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

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

Condition 1-6: Authorization and responsibilities of CAIR designated representative
Effective between the dates of 03/23/2009 and 01/07/2013



Applicable Federal Requirement:6 NYCRR 243-2.1

Item 1-6.1:

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

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

Upon receipt by the Administrator of a complete certificate of representation under section 243-2.4, the CAIR designated representative of the source shall represent and, by his or her representations, actions, inactions, or submissions, legally bind each owner and operator of the CAIR NOx Ozone Season source represented and each CAIR NOx Ozone Season unit at the source 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 or unit.

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

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

Condition 1-7: Certificate of representation

Effective between the dates of 03/23/2009 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 243-2.4

Item 1-7.1:

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

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Condition 1-8: General requirements

Effective between the dates of 03/23/2009 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 1-8.1:

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

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

- (1) install all monitoring systems required under this Subpart for monitoring NOx mass emissions and individual unit heat input (including all systems required to monitor NOx emission rate, NOx concentration, stack gas moisture content, stack gas flow rate, CO2 or O2 concentration, and fuel flow rate, as applicable, in accordance with 40 CFR 75.71 and 40 CFR 75.72);
- (2) successfully complete all certification tests required under section 243-8.2 and meet all other requirements of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraph (a)(1) of this section; and
- (3) record, report, and quality-assure the data from the monitoring systems under paragraph (a)(1) of this section.

Condition 1-9: Prohibitions

Effective between the dates of 03/23/2009 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 243-8.1

Item 1-9.1:

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

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

No owner or operator of a CAIR NOx Ozone Season unit shall disrupt the continuous emission monitoring system, any portion thereof, or any other approved emission monitoring method, and

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thereby avoid monitoring and recording NO_x mass emissions discharged into the atmosphere or heat input, except for periods of recertification or periods when calibration, quality assurance testing, or maintenance is performed in accordance with the applicable provisions of this Subpart and 40 CFR Part 75.

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

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

Condition 1-10: Quarterly reports

Effective between the dates of 03/23/2009 and 01/07/2013

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

Item 1-10.1:

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

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

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

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

For CAIR NO_x Ozone Season units that are also subject to an Acid Rain emissions limitation or the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, or the Mercury Reduction Program for Coal-Fired Electric Utility Steam Generating Units (6 NYCRR Part 246), quarterly reports shall include the applicable data and information required by Subparts F

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through I of 40 CFR Part 75 as applicable, in addition to the NO_x mass emission data, heat input data, and other information required by this Subpart.

Condition 1-11: Compliance certification
Effective between the dates of 03/23/2009 and 01/07/2013

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

Item 1-11.1:

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

- (1) the monitoring data submitted were recorded in accordance with the applicable requirements of this Subpart and 40 CFR Part 75, including the quality assurance procedures and specifications;
- (2) for a unit with add-on NO_x emission controls and for all hours where NO_x data are substituted in accordance with 40 CFR 75.34(a)(1), the add-on emission controls were operating within the range of parameters listed in the quality assurance/quality control program under appendix B to 40 CFR Part 75 and the substitute data values do not systematically underestimate NO_x emissions; and
- (3) for a unit that is reporting on a control period basis under subparagraph (d)(2)(ii) of this section, the NO_x emission rate and NO_x concentration values substituted for missing data under Subpart D of 40 CFR Part 75 are calculated using only values from a control period and do not systematically underestimate NO_x emissions.

Condition 1-12: CAIR NO_x Annual Trading Program General Conditions
Effective between the dates of 03/23/2009 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 244-1

Item 1-12.1:

- 1) As of midnight of March 1, or midnight of the first business day thereafter if March 1 is not a business day, the owners and operators shall hold, in their compliance account, Clean Air Interstate Rule (CAIR) NO_x allowances available for compliance deductions for the previous control period (January 1 through December 31), in an amount not less than the total tons of nitrogen oxides emissions from all CAIR NO_x units at the source during that control period. A CAIR NO_x allowance shall not be deducted for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated. [244-1.6(c)(1), 244-1.2(b)(5), 244-1.2(b)(36), 244-1.6(c)(3)]
- 2) The owners and operators shall hold in their compliance account, CAIR NO_x allowances available for compliance deductions for the control period starting on the later of January 1, 2009 or the deadline for meeting a CAIR NO_x unit's monitor certification requirements under section 244-8.1(b)(1), (2), or (5) and for each control period thereafter. [244-1.6(c)(2)]
- 3) If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, the owners and operators of the CAIR NO_x source shall surrender the CAIR NO_x allowances required for deduction under 6NYCRR Part 244-6.5(d)(1) and pay

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any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Act or applicable State law. Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this permit, the Act, and applicable State law. [(244-1.6(d))]

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

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

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

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

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

Condition 1-13: Designated CAIR Representative

Effective between the dates of 03/23/2009 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 244-2

Item 1-13.1:

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

(2) Each submission under the CAIR NO_x Annual Trading Program shall be submitted, signed, and certified by the CAIR designated representative for each CAIR NO_x source on behalf of which the submission is made. Each such submission shall include the following certification statement by the CAIR designated representative: "I am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify

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that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment." [244-2.1(e)]

Condition 1-14: Compliance Certification

Effective between the dates of 03/23/2009 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 244-8

Item 1-14.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 1-14.2:

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 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 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

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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 NOx monitoring system under appendix E to 40 CFR part 75, under 6NYCRR Part 244-8.1(a)(1) are subject to the recertification requirements in 40 CFR 75.20(g)(6). [224-8.2(d)(2)

Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2009.
Subsequent reports are due every 3 calendar month(s).

Condition 1-15: CAIR SO2 Trading Program General Provisions **Effective between the dates of 03/23/2009 and 01/07/2013**

Applicable Federal Requirement:6 NYCRR Subpart 245-1

Item 1-15.1:

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 SO 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

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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 1-16: Designated CAIR Representative **Effective between the dates of 03/23/2009 and 01/07/2013**

Applicable Federal Requirement:6 NYCRR Subpart 245-2

Item 1-16.1:

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 1-17: Compliance Certification **Effective between the dates of 03/23/2009 and 01/07/2013**



Applicable Federal Requirement:6 NYCRR Subpart 245-8

Item 1-17.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-17.2:

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

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quarterly report based on reasonable inquiry of those persons with primary responsibility for ensuring that all of the unit's emissions are correctly and fully monitored.

The certification shall state that: [245-8.5(e)]

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

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

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2009.

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

Condition 50: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 50.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001

Emission Unit: U-00002

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total distillate oil use in the gas turbines is limited to 1008 hours on a 180-day rolling basis, with no more than 96 hours of the 1008 hours during the period of May 1st through October 31st of each year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 96 hours

Monitoring Frequency: DAILY

Averaging Method: SEMIANNUAL MAXIMUM ROLLED DAILY

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 51: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 51.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00003

Process: 03A

Emission Source: 00031

Emission Unit: U-00004

Process: 04A

Emission Source: 00041

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Distillate oil use (including Kerosene and Jet A) in each
emergency generator is limited to 500 full load equivalent
operating hours per year, including routine testing,
calculated on a daily rolling basis.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 32400 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 52: Date of construction notification.

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 52.1:

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

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

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- 3) a notification of the actual date of initial start up, postmarked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR 60. The notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, postmarked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and
- 7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, postmarked not less than 30 days prior to the performance test.

Condition 53: Recordkeeping requirements.

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 53.1:

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

Condition 54: Excess emissions report.

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 54.1:

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 days after each calendar quarter (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments;

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and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Condition 55: Facility files for subject sources.

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 55.1:

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

Condition 56: Performance test methods.

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 56.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 57: Prior notice.

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 57.1:

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

Condition 58: Opacity standard compliance testing.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 58.1:

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

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

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

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

Condition 59: Circumvention.

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 59.1:

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 60: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 40CFR 60.332(b), NSPS Subpart GG

Item 60.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator shall discharge to the atmosphere from a stationary gas turbine, emissions of nitrogen oxides in excess of the following:

$$\text{STD} = 0.0075 * [(14.4) / Y] + F$$

Where: STD = allowable nitrogen oxide emissions in percent volume at 15% excess oxygen on a dry basis,

Y = manufacturer's rated heat rate at manufacturer's rated peak load (kilojoules per watt hour) or the actual measured heat rate based on the lower heating value of the fuel as measured at actual peak load of the facility. The value of Y shall not exceed 14.4 kilojoules per watt hour,

F = nitrogen oxide emission allowance for fuel bound nitrogen:

Fuel bound nitrogen % by weight, where F equals NOx % by

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volume
 $N \leq 0.015 : F = 0$
 $0.015 < N \leq 0.1 : 0.04(N)$
 $0.1 < N \leq 0.25 : 0.004 + 0.0067(N - 0.1)$
 $N > 0.25 : 0.005$

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 61: Custom fuel monitoring schedule

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 40 CFR 60.334(h)(4), NSPS Subpart GG

Item 61.1:

For any turbine that commenced construction, reconstruction or modification after October 3, 1977, but before July 8, 2004, and for which a custom fuel monitoring schedule has previously been approved, the owner or operator may, without submitting a special petition to the Administrator, continue monitoring on this schedule

Condition 62: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 40 CFR Part 75

Item 62.1:

The Compliance Certification activity will be performed for the Facility.

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

CEM. BNYCP should calibrate, maintain, and operate the Continuous Emission Monitoring (CEM) and recording system to measure NO_x, CO, and O₂ in the gas turbine exhaust stack.

These systems should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should 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

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corresponding mass or concentration emission limits.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 63: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:40 CFR Part 75

Item 63.1:

The Compliance Certification activity will be performed for the Facility.

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

BNYCP should 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 by 40 CFR Part 75 recorded in a permanent form suitable for inspection. The file should be retained for at least five years following the date of such measurement, 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 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

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

Condition 64: Emission Point Definition By Emission Unit
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 64.1(From Mod 1):

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

Emission Unit: U-00002

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Emission Point: 00002
Height (ft.): 310 Diameter (in.): 204
NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B41

Item 64.2(From Mod 0):

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

Emission Unit: U-00001

Emission Point: 00001
Height (ft.): 310 Diameter (in.): 204
NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B41

Item 64.3(From Mod 0):

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

Emission Unit: U-00003

Emission Point: 00003
Height (ft.): 135 Diameter (in.): 14
NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B41

Item 64.4(From Mod 0):

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

Emission Unit: U-00004

Emission Point: 00004
Height (ft.): 135 Diameter (in.): 14
NYTMN (km.): 4505.923 NYTME (km.): 586.533 Building: B-41

Condition 65: Process Definition By Emission Unit

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 65.1(From Mod 1):

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

Emission Unit: U-00002
Process: 02A Source Classification Code: 2-02-001-01
Process Description:
COMBUSTION OF DISTILLATE OIL DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00021 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control

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Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control

Control Type: CATALYTIC REDUCTION

Item 65.2(From Mod 0):

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

Emission Unit: U-00001

Process: 01A

Source Classification Code: 2-02-001-01

Process Description:

COMBUSTION OF DISTILLATE OIL DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00011 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control

Control Type: CATALYTIC REDUCTION

Item 65.3(From Mod 0):

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

Emission Unit: U-00001

Process: 01B

Source Classification Code: 2-02-002-01

Process Description:

COMBUSTION OF NATURAL GAS DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00011 - Combustion

Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control

Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control

Control Type: CATALYTIC REDUCTION

Item 65.4(From Mod 0):

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

Emission Unit: U-00001

Process: 01C

Source Classification Code: 2-02-001-01

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Process Description:

COMBUSTION OF DISTILLATE OIL AT 30% LOAD
OF ONE TURBINE.

Emission Source/Control: 00011 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control
Control Type: CATALYTIC REDUCTION

Item 65.5(From Mod 0):

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

Emission Unit: U-00001

Process: 01D

Source Classification Code: 2-02-002-01

Process Description:

COMBUSTION OF NATURAL GAS AT 30% LOAD OF
ONE TURBINE.

Emission Source/Control: 00011 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00012 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00013 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00014 - Control
Control Type: CATALYTIC REDUCTION

Item 65.6(From Mod 0):

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

Emission Unit: U-00002

Process: 02B

Source Classification Code: 2-02-002-01

Process Description:

COMBUSTION OF NATURAL GAS DURING LOAD
OPERATIONS BETWEEN 50% TO 100% LOAD.

Emission Source/Control: 00021 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control
Control Type: DRY LOW NO_x BURNER

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Emission Source/Control: 00023 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control
Control Type: CATALYTIC REDUCTION

Item 65.7(From Mod 0):

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

Emission Unit: U-00002
Process: 02C Source Classification Code: 2-02-001-01
Process Description:
COMBUSTION OF DISTILLATE OIL AT 30% LOAD
OF ONE TURBINE.

Emission Source/Control: 00021 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control
Control Type: CATALYTIC REDUCTION

Item 65.8(From Mod 0):

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

Emission Unit: U-00002
Process: 02D Source Classification Code: 2-02-002-01
Process Description:
COMBUSTION OF NATURAL GAS AT 30% LOAD OF
ONE TURBINE.

Emission Source/Control: 00021 - Combustion
Design Capacity: 1,503 million Btu per hour

Emission Source/Control: 00022 - Control
Control Type: DRY LOW NO_x BURNER

Emission Source/Control: 00023 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Emission Source/Control: 00024 - Control
Control Type: CATALYTIC REDUCTION

Item 65.9(From Mod 0):

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

Emission Unit: U-00003

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Process: 03A Source Classification Code: 2-02-001-04
Process Description: COMBUSTION OF DISTILLATE FUEL OIL.

Emission Source/Control: 00031 - Combustion
Design Capacity: 2,010 horsepower (mechanical)

Item 65.10(From Mod 0):

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

Emission Unit: U-00004
Process: 04A Source Classification Code: 2-02-001-04
Process Description: COMBUSTION OF DISTILLATE FUEL OIL.

Emission Source/Control: 00041 - Combustion
Design Capacity: 2,010 horsepower (mechanical)

Condition 66: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The two turbines combined total of full load equivalent hours of operation shall be limited to 17,082 hours. The facility shall maintain a daily written log of hours of operation of each turbine.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 67: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

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Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

BNYCF will continuously measure and record ambient air temperature at the facility. Such measurements will be accurate within +/- 1 deg F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 68: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each turbine shall not exceed 121 MW when firing distillate oil or gas. The turbines will fire only natural gas or distillate oil. (Distillate oil is defined as: #1 distillate, #2 distillate, kerosene, or jet a fuel).

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 4/30/2008.

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

Condition 69: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Process: 01A

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 70: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01A

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 32.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 71: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A

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

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

BNYCP should calibrate, maintain, and operate a
Continuous Emission Monitoring (CEM) and recording system
to measure CO in the gas turbine exhaust stack which
should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to
NYSDEC for every calendar year quarter, which should
include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance
audit;
- excess emission should be identified as any one-hour
block period during which the average emissions of CO, as
measured by the CEM system, exceeds the corresponding mass
or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18.0 pounds per hour

Reference Test Method: CFR Part 75

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



The initial report is due 4/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 72: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A

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

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

BNYCP should calibrate, maintain, and operate a
Continuous Emission Monitoring (CEM) and recording system
to measure CO in the gas turbine exhaust stack which
should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to
NYSDEC for every calendar year quarter, which should
include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance
audit;
- excess emission should be identified as any one-hour
block period during which the average emissions of CO, as
measured by the CEM system, exceeds the corresponding mass
or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: CFR Part 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 4/30/2008.

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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Condition 73: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01A

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 74: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01A

Regulated Contaminant(s):

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

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 75: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01A

Emission Point: 00001

Regulated Contaminant(s):

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

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 58.0 pounds per hour

Reference Test Method: 40 CFR Part 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 4/30/2008.

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

Condition 76: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01A

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:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Parameter Monitored: VOC
Upper Permit Limit: 10.0 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 77: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01A

Regulated Contaminant(s):
CAS No: 000000-00-5 PM-10

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 13.5 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 78: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Process: 01A

Regulated Contaminant(s):

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

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.02 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 79: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01B

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



NYSDEC for every calendar year quarter, which should include:
-a summary of excess emissions and CEMs downtime;
-the result of the quarterly monitoring performance audit;
-excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 11.0 pounds per hour

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 80: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01B

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per billion by volume

(dry, corrected to 15% O2)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 81: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 32.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 82: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

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

Item 82.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 83: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01B

Emission Point: 00001

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:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 2.6 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 84: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

Regulated Contaminant(s):
CAS No: 000000-00-0 VOC

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.002 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 85: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01B

Emission Point: 00001

Regulated Contaminant(s):

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

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 16.0 pounds per hour

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 86: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 86.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Emission Unit: U-00001
Process: 01B

Emission Point: 00001

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

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part75

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 4/30/2008.

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

Condition 87: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01B

Emission Point: 00001

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Item 87.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 5.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 88: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01B

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:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.004 pounds per million Btus

Reference Test Method: CFR Part 60 Method

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 89: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01C

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume

(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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 4/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 90: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

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

Item 90.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.5 pounds per hour

Reference Test Method: CFR Part 75 Method

Monitoring Frequency: CONTINUOUS

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 91: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 91.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30%
load. Only one (1) gas turbine may operate at a time
under this operating scenario in conjunction with a CO
catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 92: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 93: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01C

Regulated Contaminant(s):

CAS No: 000000-00-0 VOC

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 10.0 pounds per hour

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 94: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

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

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30%
load. Only one (1) gas turbine may operate at a time
under this operating scenario in conjunction with a CO
catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 95: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Process: 01C

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:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25.0 pounds per hour

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 96: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01C

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Regulated Contaminant(s):

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

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 97: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01C

Emission Point: 00001

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.02 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 98: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01C

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

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 13.5 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 99: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 99.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D

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:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 100: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01D

Emission Point: 00001

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 6.5 pounds per hour
Reference Test Method: CFR Part 75 Method
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 4/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 101: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 101.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O2)
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 102: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01D

Emission Point: 00001

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 9.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 103: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 103.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01D

Emission Point: 00001

Regulated Contaminant(s):
CAS No: 000000-00-0 VOC

Item 103.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 0.002 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 104: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 01D

Regulated Contaminant(s):
CAS No: 000000-0 VOC

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: VOC
Upper Permit Limit: 2.6 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 105: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 105.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: 00001

Process: 01D

Regulated Contaminant(s):

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

Item 105.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 16.0 pounds per hour

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 106: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 106.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01D

Emission Point: 00001

Regulated Contaminant(s):

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

Item 106.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 7.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 107: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 107.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01D

Emission Point: 00001

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

Item 107.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.004 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 108: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: 01D

Emission Point: 00001

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

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 5.1 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 109: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

EACH TURBINE SHALL NOT EXCEED 121 MW
WHEN FIRING DISTILLATE OIL OR GAS. THE
TURBINES WILL FIRE ONLY NATURAL GAS OR
DISTILLATE OIL. (DISTILLATE OIL IS
DEFINED AS: #1 DISTILLATE, #2 DISTILLATE,
KEROSENE, OR JET A FUEL.)

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 4/30/2008.

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

Condition 110: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 110.1:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The two turbines combined total of full load equivalent hours of operation shall be limited to 17,082 hours. The facility shall maintain a daily written log of hours of operation of each turbine.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 111: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 111.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 111.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

BNYCF WILL CONTINUOUSLY MEASURE AND RECORD AMBIENT AIR TEMPERATURE AT THE FACILITY. SUCH MEASUREMENTS WILL BE ACCURATE WITHIN +/- 1 DEG F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 1-18: Compliance Certification

Effective between the dates of 03/23/2009 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 1-18.1:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02A

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 1-18.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission Limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18.0 pounds per hour

Reference Test Method: CFR Part 60 Method

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 4/30/2009.

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

Condition 112: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 112.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02A

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 112.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

BNYCP should calibrate, maintain, and operate a
Continuous Emission Monitoring (CEM) and recording system
to measure CO in the gas turbine exhaust stack which

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 113: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 113.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02A

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 113.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 32.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 114: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 114.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 114.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O2)
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 116: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 116.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02A

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



CAS No: 0NY998-00-0 VOC

Item 116.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 117: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 117.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02A

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 117.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%
to 100% load.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 10.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Condition 118: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 118.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02A

Regulated Contaminant(s):

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

Item 118.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 58.0 pounds per hour

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 119: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 119.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 02A

Emission Point: 00002

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:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 120: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Item 120.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02A

Regulated Contaminant(s):

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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 13.5 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 121: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02A

Regulated Contaminant(s):

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

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 50%

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 0.02 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 122: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 122.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 122.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: AMMONIA
Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 123: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 123.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 02B

Emission Point: 00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 11.0 pounds per hour

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 124: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 124.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Emission Unit: U-00002
Process: 02B

Emission Point: 00002

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

Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 125: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 02B

Emission Point: 00002

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 32.0 pounds per hour

Reference Test Method: CFR Part 60

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 126: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

Regulated Contaminant(s):
CAS No: 000000-00-0 VOC

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 2.6 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 127: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

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:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 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 4/30/2008.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Condition 128: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02B

Regulated Contaminant(s):

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

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 16.0 pounds per hour

Reference Test Method: CFR Part 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 4/30/2008.

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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Condition 129: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 129.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

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

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 50% to 100% load
during Natural Gas or Bio-Gas firing.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.0002 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 130: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 130.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

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

Item 130.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 5.1 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 131: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02B

Regulated Contaminant(s):
CAS No: 000000-5 PM-10

Item 131.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 50% to 100% load. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 0.004 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 132: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 02C

Emission Point: 00002

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 132.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 133: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 133.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002
Process: 02C

Emission Point: 00002

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

Item 133.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 134: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 134.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02C

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 134.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 7.5 pounds per hour

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

Condition 135: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02C

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 135.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30%

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 136: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02C

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 136.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 137: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 137.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02C

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 137.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 10.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 138: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 138.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02C

Regulated Contaminant(s):

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

Item 138.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25.0 pounds per hour

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 139: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02C

Regulated Contaminant(s):

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

Item 139.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30%

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 10.0 parts per million by volume

(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 140: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 140.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02C

Regulated Contaminant(s):

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

Item 140.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees of F and

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 13.5 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 141: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 141.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02C

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

Item 141.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine
Parameter Monitored: PM-10
Upper Permit Limit: 0.02 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Condition 142: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 142.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02D

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 142.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 4.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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

Condition 143: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 143.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02D

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 143.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure CO in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of CO, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 6.5 pounds per hour

Reference Test Method: CFR Part 75 Method

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 4/30/2008.

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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Condition 144: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 144.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 9.0 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 145: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 145.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D

Regulated Contaminant(s):
CAS No: 007664-41-7 AMMONIA

Item 145.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit at 30 degrees F and 30% load during Natural Gas or Bio-Gas firing. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: AMMONIA

Upper Permit Limit: 10.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 146: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 146.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02D

Regulated Contaminant(s):

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

Item 146.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NO_x in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NO_x, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 7.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: CFR Part 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 4/30/2008.

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

Condition 147: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02D

Regulated Contaminant(s):

CAS No: 000000-00-0 VOC

Item 147.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 30% load during Natural Gas or Bio-Gas firing. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 0.002 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 148: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D

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

Item 148.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit at 30 degrees F and 30% load during
Natural Gas or Bio-Gas firing. Only one (1) gas turbine
may operate at a time under this operating scenario in
conjunction with a CO catalyst.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: VOC

Upper Permit Limit: 2.6 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 149: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 149.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002 Emission Point: 00002
Process: 02D

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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 149.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst.

BNYCP should calibrate, maintain, and operate a Continuous Emission Monitoring (CEM) and recording system to measure NOx in the gas turbine exhaust stack which should meet the requirements of 40 CFR 75.

BNYCP should submit a quarterly written CEM report to NYSDEC for every calendar year quarter, which should include:

- a summary of excess emissions and CEMs downtime;
- the result of the quarterly monitoring performance audit;
- excess emission should be identified as any one-hour block period during which the average emissions of NOx, as measured by the CEM system, exceeds the corresponding mass or concentration emission limits.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 16.0 pounds per hour

Reference Test Method: CFR Part75

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 4/30/2008.

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

Condition 150: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 150.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02D

Regulated Contaminant(s):

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

Item 150.2:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 5.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 151: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 151.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Emission Point: 00002

Process: 02D

Regulated Contaminant(s):

CAS No: 000000-00-5 PM-10

Item 151.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Natural Gas or Bio-Gas Firing at 30 degrees F and 30% load. Only one (1) gas turbine may operate at a time under this operating scenario in conjunction with a CO catalyst. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: Siemens V84.2 Gas Turbine

Parameter Monitored: PM-10

Upper Permit Limit: 0.004 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 152: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 152.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Item 152.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE EMERGENCY GENERATORS WILL ONLY FIRE
DISTILLATE OIL AND WILL NOT OPERATE IN
CONJUNCTION WITH ONE OR MORE COMBUSTION
TURBINES EXCEPT DURING PERIODS OF LIMITED
TESTING.

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 4/30/2008.

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

Condition 153: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Process: 03A

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 153.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.92 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 154: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 154.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Process: 03A

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 154.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.13 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 155: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 155.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003
Process: 03A

Emission Point: 00003

Regulated Contaminant(s):

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

Item 155.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 32.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 156: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 156.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003
Process: 03A

Emission Point: 00003

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 156.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: VOC

Upper Permit Limit: 0.032 pounds per million Btus

Reference Test Method: CFR Part 60 Method

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 157: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 157.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A

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

Item 157.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: VOC

Upper Permit Limit: 0.48 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 158: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 158.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003 Emission Point: 00003
Process: 03A

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

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 158.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.2 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 159: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 159.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Emission Point: 00003

Process: 03A

Regulated Contaminant(s):

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

Item 159.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: PM-10

Upper Permit Limit: 0.48 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 160: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 160.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003
Process: 03A

Emission Point: 00003

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

Item 160.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: PM-10

Upper Permit Limit: 0.032 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 161: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 161.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Item 161.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE EMERGENCY GENERATORS WILL ONLY FIRE
DISTILLATE OIL AND WILL NOT OPERATE IN
CONJUNCTION WITH ONE OR MORE COMBUSTION
TURBINES EXCEPT DURING LIMITED TESTING
PERIODS.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



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 4/30/2008.

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

Condition 162: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Emission Point: 00004

Process: 04A

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 162.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 1.92 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 163: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Emission Point: 00004

Process: 04A

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Item 163.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.13 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 164: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 164.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004

Emission Point: 00004

Process: 04A

Regulated Contaminant(s):

CAS No: 000000-00-0 VOC

Item 164.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: VOC

Upper Permit Limit: 0.032 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 165: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 165.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004
Process: 04A

Emission Point: 00004

Regulated Contaminant(s):

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

Item 165.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing. Emission testing to be performed upon request by NYSDEC.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 32.1 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 166: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement:6 NYCRR 231-2.2 (b)

Item 166.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004
Process: 04A

Emission Point: 00004

Regulated Contaminant(s):

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

Item 166.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 2.2 pounds per million Btus
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 167: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable Federal Requirement: 6 NYCRR 231-2.2 (b)

Item 167.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004 Emission Point: 00004
Process: 04A

Regulated Contaminant(s):
CAS No: 000000-00-0 VOC

Item 167.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator
Parameter Monitored: VOC
Upper Permit Limit: 0.48 pounds per hour
Reference Test Method: CFR Part 60 Method
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 168: Compliance Certification
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 168.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 2-6101-00185/00008

Facility DEC ID: 2610100185



Emission Unit: U-00004
Process: 04A

Emission Point: 00004

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

Item 168.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: PM-10

Upper Permit Limit: 0.48 pounds per hour

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 169: Compliance Certification

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 169.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00004
Process: 04A

Emission Point: 00004

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

Item 169.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit during Oil Firing.

Manufacturer Name/Model Number: 1500 KW Oil Firing Emergency Generator

Parameter Monitored: PM-10

Upper Permit Limit: 0.032 pounds per million Btus

Reference Test Method: CFR Part 60 Method

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: 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 170: Contaminant List

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:ECL 19-0301

Item 170.1:

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: 0NY075-00-5
Name: PM-10

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

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

Condition 171: Unavoidable noncompliance and violations
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement: 6 NYCRR 201-1.4

Item 171.1:

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

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

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

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(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 172: Air pollution prohibited
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR 211.2

Item 172.1:

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 173: Compliance Demonstration
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 173.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 173.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owners and operators of each NOx budget source and each NOx budget unit at the source shall hold NOx allowances available for compliance deductions under NYCRR 237-6.5, as of the NOx allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NOx emissions for the control period from the unit, as determined in accordance with NYCRR 237-8.

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Each ton of NO_x emitted in excess of the NO_x budget emissions limitation shall constitute a separate violation of applicable State law.

A NO_x budget unit shall be subject to the requirements under NYCRR 237-1.6(c)(1) starting when the unit commences operation.

NO_x allowances shall be held in, deducted from, or transferred among NO_x Allowance Tracking System accounts in accordance with NYCRR 237-5, 237-6, 237-7, and 237-9.

Except for future control period NO_x allowances which may be deducted pursuant to NYCRR 237-6.5(f), a NO_x allowance shall not be deducted, in order to comply with the requirements under NYCRR 237-1.6(c)(1), for a control period in a year prior to the year for which the NO_x allowance was allocated.

A NO_x allowance allocated by the department under the Acid Deposition Reduction (ADR) NO_x Budget Trading Program is a limited authorization to emit one ton of NO_x in accordance with the ADR NO_x Budget Trading Program. No provision of the ADR NO_x Budget Trading Program, the NO_x budget permit application, or the NO_x budget permit or any provision of law shall be construed to limit the authority of the State to terminate or limit such authorization.

A NO_x allowance allocated by the department under the ADR NO_x Budget Trading Program does not constitute a property right.

The owners and operators of a NO_x budget unit that has excess emissions in any control period shall: Forfeit the NO_x allowances required for deduction under NYCRR 237-6.5(d)(1); and pay any fine, penalty, or assessment or comply with any other remedy imposed under NYCRR 237-6.5(d)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 174: Recordkeeping and Reporting Requirements
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 174.1:

Unless otherwise provided, the owners and operators of the NO_x budget source and each NO_x budget unit at the source shall keep on site at the source each of the following documents for a

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period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the department:

- 1) The account certificate of representation for the NOx authorized account representative for the source and each NOx budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with NYCRR 237-2.4; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new account certificate of representation changing the NOx authorized account representative.
- 2) All emissions monitoring information, in accordance with NYCRR 237-8.
- 3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR NOx Budget Trading Program.
- 4) Copies of all documents used to complete a NOx budget permit application and any other submission under the ADR NOx Budget Trading Program or to demonstrate compliance with the requirements of the ADR NOx Budget Trading Program.

The NOx authorized account representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the ADR NOx Budget Trading Program, including those under NYCRR 237-4, 237-8, or 237-9.

Condition 175: Liability- facility and units with common stacks
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 175.1:

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

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

Any provision of the ADR NOx Budget Trading Program that applies to a NOx budget unit (including a provision applicable to the NOx authorized account representative of a NOx budget unit) shall also apply to the owners and operators of such unit. Except with regard to the requirements applicable to units with a common stack under NYCRR 237-8, the owners and operators and the NOx authorized account representative of one NOx budget unit shall not be liable for any violation by any other NOx budget unit of which they are not owners or operators or the NOx authorized account representative and that is located at a source of which they are not owners or operators or the NOx authorized account representative.

Condition 176: Effect on other Authorities
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 176.1:

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

Condition 177: Authorization and responsibilities of the NOx authorized account representative
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR Subpart 237-2

Item 177.1:

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

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

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

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

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

The department or its agent will accept or act on a submission made on behalf of owners or operators of a NOx budget source or a NOx budget unit only if the submission has been made,

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signed, and certified in accordance with NYCRR 237-2.1(e)(1).

Condition 178: Compliance Demonstration
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR 237-4.1

Item 178.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 178.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NOx budget units at a source are subject to the NOx budget emissions limitation, the NOx authorized account representative of the source shall submit to the department by the September 30 following the relevant control period, a compliance certification report for each source covering all such units.

The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the department, concerning each unit at the source and subject to the NOx budget emissions limitation for the control period covered by the report:

- (1) identification of each NOx budget unit;
- (2) except in instances when the NOx budget unit seeks to use future control period NOx allowances which may be deducted pursuant to NYCRR 237-6.5(f), at the NOx authorized account representative's option, the serial numbers of the NOx allowances that are to be deducted from each unit's compliance account under NYCRR 237-6.5 for the control period;
- (3) at the NOx authorized account representative's option, for units sharing a common stack and having NOx emissions that are not monitored separately or apportioned in accordance with NYCRR 237-8, the percentage of NOx allowances that is to be deducted from each unit's compliance account under NYCRR 237-6.5(e);
- (4) for units using future control period allowances for compliance purposes pursuant to NYCRR 237-6.5(f), the statement of intent and report required under NYCRR 237-6.5(f)(2); and



(5) the compliance certification under NYCRR 237-4(c).

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

(a) whether the unit was operated in compliance with the NOx budget emissions limitation;

(b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with NYCRR 237-8;

(c) whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with NYCRR 237-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under NYCRR 237-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under NYCRR 237-8, if any, has changed; and

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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Condition 179: Submission of NOx allowance transfers
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR 237-7.1

Item 179.1:

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

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

Condition 180: Compliance Demonstration
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR Subpart 237-8

Item 180.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 180.2:

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 NOx authorized account representative of a NOx budget unit, shall comply with the monitoring and reporting requirements as provided in this NYCRR 237-8 and in Subpart H of 40 CFR part 75. For purposes of complying with such requirements, the definitions in NYCRR 237-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," and "designated representative" in 40 CFR part 75 shall be replaced by the terms "NOx budget unit," and "NOx authorized account representative," respectively, as defined in section 237-1.2.

For any NOx budget unit which is also a NOx budget unit under Part 204 of this title, prior or contemporaneous timely submissions in compliance with the requirements of Subpart 204-8 may, when appropriate, be summarily referenced by the owners and operators of the NOx budget unit in order to demonstrate compliance with the requirements of this Subpart:

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 181: Applicability
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR 238-1.4

Item 181.1:

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

Condition 182: Permit Requirements
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 182.1:

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

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

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

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

Condition 183: Compliance Demonstration
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 183.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 183.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Owners and operators of each SO₂ budget source and each SO₂ budget unit at the source shall hold SO₂ allowances available for compliance deductions under NYCRR 238-6.5, as of the SO₂ allowance transfer deadline, in the unit's compliance account and the source's overdraft account in

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an amount not less than the total SO₂ emissions for the control period from the unit, as determined in accordance with NYCRR 238-8.

Each ton of sulfur dioxide emitted in excess of the SO₂ budget emissions limitation shall constitute a separate violation of this Part, the Act, and applicable State law.

An SO₂ budget unit shall be subject to the requirements under NYCRR 1.6 (c)(1) on the date on which the unit commences operation.

SO₂ allowances shall be held in, deducted from, or transferred among SO₂ Allowance Tracking System accounts in accordance with NYCRR 238-5, 238-6, and 238-7.

Except for future control period SO₂ allowances which may be deducted pursuant to NYCRR 238-6.5(f), an SO₂ allowance shall not be deducted, in order to comply with the requirements under NYCRR 238-1.6(c)(1) for a control period in a year prior to the year for which the SO₂ allowance was allocated.

An SO₂ allowance allocated by the department under the ADR SO₂ budget Trading Program is a limited authorization to emit one ton of sulfur dioxide in accordance with the Acid Deposition Reduction (ADR) SO₂ Budget Trading Program. No provision of the ADR SO₂ Budget Trading Program, the SO₂ budget permit application, or the SO₂ budget permit or any provision of law shall be construed to limit the authority of the United States or the State to terminate or limit such authorization.

An SO₂ allowance allocated by the department under the ADR SO₂ Budget Trading Program does not constitute a property right.

The owners and operators of an SO₂ budget unit that has excess emissions in any control period shall: Forfeit the SO₂ allowances required for deduction under NYCRR 238-6.5(d)(1); and Pay any fine, penalty, or assessment or comply with any other remedy imposed under NYCRR 238-6.5(d)(3).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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



Condition 184: Compliance Demonstration
Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 184.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 184.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unless otherwise provided, the owners and operators of the SO₂ budget source and each SO₂ budget unit at the source shall keep on site or at a site approved by the Department each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the department.

The account certificate of representation for the SO₂ authorized account representative for the source and each SO₂ budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with NYCRR 238-2.4; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new account certificate of representation changing the SO₂ authorized account representative;

All emissions monitoring information, in accordance with NYCRR 238-8;

Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR SO₂ Budget Trading Program;

Copies of all documents used to complete an SO₂ budget permit application and any other submission under the ADR SO₂ Budget Trading Program or to demonstrate compliance with the requirements of the ADR SO₂ Budget Trading Program;

The SO₂ authorized account representative of an SO₂ budget source and each SO₂ budget unit at the source shall submit the reports and compliance certifications required under the ADR SO₂ Budget Trading Program, including those under NYCRR 238-4, or 238-8.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 185: Liability

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 185.1:

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

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

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

Condition 186: Effect on Other Authorities

Effective between the dates of 01/08/2008 and 01/07/2013

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

Item 186.1:

No provision of the ADR SO2 Budget Trading Program, an SO2 budget permit application, or an SO2 budget permit, shall be construed as exempting or excluding the owners and operators and, to the extent applicable, the SO2 authorized account representative of an SO2 budget source or SO2 budget unit from compliance with any other provisions of applicable State and federal law and regulation.

Condition 187: Submissions to the Department

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR 238-2.1

Item 187.1:

Each submission under the Acid Deposition Reduction (ADR) SO2 Budget Trading Program shall be submitted, signed, and certified by the SO2 authorized account representative for each SO2 budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the SO2 authorized account representative:

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"I am authorized to make this submission on behalf of the owners and operators of the SO₂ budget sources or SO₂ budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

Condition 188: Compliance Demonstration

Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement: 6 NYCRR 238-4.1

Item 188.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 188.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more SO₂ budget units at a source are subject to the SO₂ budget emissions limitation, the SO₂ authorized account representative of the source shall submit to the Department by the March 1 following the relevant control period, a compliance certification report for each source covering all such units; as per NYCRR 238-4.

The SO₂ authorized account representative shall include in the compliance certification the following elements, in a format prescribed by the department, concerning each unit at the source and subject to the SO₂ budget emissions limitation for the control period covered by the report:

- (1) identification of each SO₂ budget unit;
- (2) except in instances when the SO₂ budget unit seeks to use future control period SO₂ allowances which may be deducted pursuant to NYCRR 238-6.5(f), at the SO₂ authorized account representative's option, the serial numbers of the SO₂ allowances that are to be deducted from each unit's compliance account under NYCRR 238-6.5 for the control period;
- (3) at the SO₂ authorized account representative's option, for units sharing a common stack and having SO₂ emissions that are not monitored separately or apportioned in



accordance with NYCRR 238-8, the percentage of SO₂ allowances that is to be deducted from each unit's compliance account under NYCRR 238-6.5(e);

(4) for units using future control period allowances for compliance purposes pursuant to NYCRR 238-6.5(f), the statement of intent and report required under NYCRR 238-6.5(f)(2); and

(5) the compliance certification under NYCRR 238-4.1(c).

In the compliance certification report, the SO₂ authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the SO₂ budget units at the source in compliance with the ADR SO₂ Budget Trading Program, whether each SO₂ budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the ADR SO₂ Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the SO₂ budget emissions limitation;

(b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute SO₂ emissions to the unit, in accordance with Subpart 238-8;

(c) whether all the SO₂ emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 238-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under Subpart 238-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 238-8, if any, has changed; and

(e) if a change is required to be reported under (4) above, specify the nature of the change, the reason for

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the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by March 1st

Condition 189: Submission of SO2 allowance transfers
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR 238-7.1

Item 189.1:

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

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

Condition 190: Compliance Demonstration
Effective between the dates of 01/08/2008 and 01/07/2013

Applicable State Requirement:6 NYCRR Subpart 238-8

Item 190.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 190.2:

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 SO2 authorized account representative of an SO2 budget unit, shall comply with the monitoring and reporting requirements as provided for in all applicable sections of 40 CFR part 75. For purposes of complying with such requirements, the definitions in NYCRR 238-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," and "designated representative" in 40 CFR part 75 shall be

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replaced by the terms "SO2 budget unit," and "SO2 authorized account representative," respectively, as defined in NYCRR 238-1.2.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

