



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 7-3115-00229/00008  
Effective Date: 01/02/2007 Expiration Date: 01/01/2012

Permit Type: Title IV (Phase II Acid Rain)  
Permit ID: 7-3115-00229/00010  
Effective Date: 01/02/2007 Expiration Date: 01/01/2012

Permit Issued To: PROJECT ORANGE ASSOCIATES LLC  
520 EAST TAYLOR ST  
SYRACUSE, NY 13204

Contact: LEN SHAPIRO  
PROJECT ORANGE ASSOCIATES LLC  
1221 COCONUT RD  
BOCA RATON, FL 33432  
(561) 368-4241

Facility: POA COGEN FAC/SYRACUSE UNIV STEAM STA  
520 EAST TAYLOR ST  
SYRACUSE, NY 13202

Description:

This permit is a renewal of the facility's Title V operating permit and issuance of a Title IV Acid Rain Permit.

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: JOANNE L MARCH  
DIVISION OF ENVIRONMENTAL PERMITS  
615 ERIE BLVD WEST  
SYRACUSE, NY 13204-2400

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 7311500229**



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 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 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

**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

Applications for Permit Renewals and Modifications

Permit modifications, suspensions or revocations by the Department

Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 7  
SUBOFFICE

Submission of application for permit modification or renewal-REGION 7  
HEADQUARTERS



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.



**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: 6NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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



**Item 3.3:**

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

**Condition 4: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 4.1:**

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 4.2:**

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 4.3:**

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

**Condition 5: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 5.1:**

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.

**Condition 6: Permit Modifications, Suspensions and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Item 6.1:**

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 7: Submission of Applications for Permit Modification or Renewal -REGION 7  
SUBOFFICE**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 7.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 7 Sub-office  
Division of Environmental Permits  
1285 Fisher Avenue  
Cortland, NY 13045-1090  
(607) 753-3095

**Condition 8: Submission of application for permit modification or renewal-REGION 7  
HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 8.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 7 Headquarters  
Division of Environmental Permits  
615 Erie Blvd West  
Syracuse, NY 13204-2400  
(315) 426-7400



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: PROJECT ORANGE ASSOCIATES LLC  
520 EAST TAYLOR ST  
SYRACUSE, NY 13204

Facility: POA COGEN FAC/SYRACUSE UNIV STEAM STA  
520 EAST TAYLOR ST  
SYRACUSE, NY 13202

Authorized Activity By Standard Industrial Classification Code:  
4911 - ELECTRIC SERVICES  
4931 - ELEC & OTHER SERVICES COMBINED  
4961 - STEAM SUPPLY

Permit Effective Date: 01/02/2007

Permit Expiration Date: 01/01/2012



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 12 6NYCRR 201-1.7: Recycling and Salvage
- 11 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(c)(3): Compliance Certification
- 25 6NYCRR 201-6.5(g): Non Applicable requirements
- 26 6NYCRR 204-1.6: Compliance Certification
- 27 6NYCRR 204-2: Compliance Certification
- 28 6NYCRR 204-4.1: Contents of reports and compliance certifications.
- 29 6NYCRR 204-4.1: Compliance Certification
- 30 6NYCRR 204-7.1: Submission of NOx allowance transfers.
- 31 6NYCRR 204-8.1: General provisions.
- 32 6NYCRR 204-8.2: Requirements for recertification of monitoring systems.
- 33 6NYCRR 204-8.4: Compliance Certification
- 34 6NYCRR 225-1.8(a): Compliance Certification
- 35 6NYCRR 227-1.2(a)(1): Compliance Certification
- 36 6NYCRR 227-1.3(a): Compliance Certification
- 37 6NYCRR 227-1.3(a): Compliance Certification
- 38 6NYCRR 227-1.4(d): Compliance Certification
- 39 6NYCRR 227-2.4(b): Compliance Certification



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

- 40 40CFR 52.21, Subpart A: Compliance Certification
- 41 40CFR 52.21, Subpart A: Compliance Certification
- 42 40CFR 52.21, Subpart A: Compliance Certification
- 43 40CFR 52.21, Subpart A: Compliance Certification
- 44 40CFR 52.21, Subpart A: Compliance Certification
- 45 40CFR 52.21, Subpart A: Compliance Certification
- 46 40CFR 52.21, Subpart A: Compliance Certification
- 47 40CFR 52.21, Subpart A: Compliance Certification
- 48 40CFR 52.21, Subpart A: Compliance Certification
- 49 40CFR 52.21, Subpart A: Compliance Certification
- 50 40CFR 52.21, Subpart A: Compliance Certification
- 51 40CFR 52.21, Subpart A: Compliance Certification
- 52 40CFR 52.21, Subpart A: Compliance Certification
- 53 40CFR 52.21, Subpart A: Compliance Certification
- 54 40CFR 52.21, Subpart A: Compliance Certification
- 55 40CFR 52.21, Subpart A: Compliance Certification
- 56 40CFR 52.21, Subpart A: Compliance Certification
- 57 40CFR 52.21, Subpart A: Compliance Certification
- 58 40CFR 52.21, Subpart A: Compliance Certification
- 59 40CFR 52.21, Subpart A: Compliance Certification
- 60 40CFR 52.21, Subpart A: Compliance Certification
- 61 40CFR 52.21, Subpart A: Compliance Certification
- 62 40CFR 52.21, Subpart A: Compliance Certification
- 63 40CFR 52.21, Subpart A: Compliance Certification
- 64 40CFR 52.21, Subpart A: Compliance Certification
- 65 40CFR 52.21, Subpart A: Compliance Certification
- 66 40CFR 52.21, Subpart A: Compliance Certification
- 67 40CFR 52.21, Subpart A: Compliance Certification
- 68 40CFR 52.21(r)(6), Subpart A: Compliance Certification
- 69 40CFR 60.333(b), NSPS Subpart GG: Compliance Certification
- 70 40CFR 60.334, NSPS Subpart GG: Compliance Certification

**Emission Unit Level**

- 71 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 72 6NYCRR 201-6: Process Definition By Emission Unit

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 73 ECL 19-0301: Contaminant List
- 74 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 75 6NYCRR 211.2: Air pollution prohibited
- 76 6NYCRR 225-1.2(d): Compliance Demonstration
- 77 6NYCRR 237-1: Compliance Demonstration
- 78 6NYCRR 237-2: Compliance Demonstration
- 79 6NYCRR 237-4.1: Compliance Demonstration
- 80 6NYCRR 237-7.1: Submission of NOx allowance transfers
- 81 6NYCRR 238-1: Compliance Demonstration
- 82 6NYCRR 238-2: Compliance Demonstration

**New York State Department of Environmental Conservation**  
**Permit ID: 7-3115-00229/00008      Facility DEC ID: 7311500229**



- 83 6NYCRR 238-4.1: Compliance Demonstration
- 84 6NYCRR 238-7.1: Submission of SO<sub>2</sub> allowance transfers
- 85 6NYCRR 617.11(d): 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 - 6NYCRR Part 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 - 6NYCRR Part 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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

**Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 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 Part 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 Part 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 Part 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 - 6NYCRR Part 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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



order to maintain compliance with the conditions of this permit.

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

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

**Item I: Severability - 6 NYCRR Part 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 Part 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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



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 Part 201-6.5(i)**

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

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

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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

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

**Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)**

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

**Condition 1: Acceptable Ambient Air Quality**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 1.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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 01/02/2007 and 01/01/2012**

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

**Item 3.1:**

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

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

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

**Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

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 01/02/2007 and 01/01/2012**

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

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



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

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

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

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

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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 6: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



following:

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
  - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



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

The address for the RAPCE is as follows:

615 Erie Boulevard, West  
Syracuse, NY 13204-2400

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2008.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 202-2.1**

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

**Item 7.2:**  
Compliance Certification shall include the following monitoring:

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

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

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 202-2.5**



**New York State Department of Environmental Conservation**

Permit ID: 7-3115-00229/00008

Facility DEC ID: 7311500229

**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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 10.1:**

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

**Condition 12: Recycling and Salvage**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 201-1.7**



**New York State Department of Environmental Conservation**

Permit ID: 7-3115-00229/00008

Facility DEC ID: 7311500229

**Item 12.1:**

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 11: Prohibition of Reintroduction of Collected Contaminants to the air**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 201-1.8**

**Item 11.1:**

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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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 01/02/2007 and 01/01/2012**

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

**Item 14.1:**

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

**Condition 15: Standard Requirement - Provide Information**

**Effective between the dates of 01/02/2007 and 01/01/2012**



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**Applicable Federal Requirement: 6NYCRR 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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

preventive or corrective measures adopted.

**Condition 18: Off Permit Changes**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 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



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

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 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 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 01/02/2007 and 01/01/2012**

**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 01/02/2007 and 01/01/2012**

**New York State Department of Environmental Conservation**

Permit ID: 7-3115-00229/00008

Facility DEC ID: 7311500229



**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 23.1:**

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

Emission Unit: U-P0001

Emission Unit Description:

A GENERAL ELECTRIC LM5000 GAS TURBINE RATED AT 45 MW (550 MMBTU/HR) AND ITS ASSOCIATED DUCT BURNER RATED AT 180 MMBTU/HR. BOTH UNITS COMBUST ONLY NATURAL GAS. This unit is equipped with an evaporative cooler.

Building(s): COGEN

**Item 23.2:**

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

Emission Unit: U-P0002

Emission Unit Description:

A GENERAL ELECTRIC LM 5000 GAS TURBINE RATED AT 45 MW (550 MMBTU/HR) AND ITS ASSOCIATED DUCT BURNER RATED AT 180 MMBTU/HR. BOTH UNITS COMBUST ONLY NATURAL GAS. This unit is equipped with an evaporative cooler.

Building(s): COGEN

**Item 23.3:**

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

Emission Unit: U-S0034

Emission Unit Description:

TWO RILEY STOKER SUPERHEATED STEAM BOILERS RATED AT 206 MMBTU/HR EACH. THE BOILERS ARE CAPABLE OF FIRING BOTH NATURAL GAS AND NO. 2 FUEL OIL, AND SHARE A COMMON STACK. THE BOILERS SERVE AS BACK UP FOR THE POA COGENERATION FACILITY.

Building(s): RILEY

**Item 23.4:**

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

Emission Unit: U-S0067

Emission Unit Description:

TWO BABCOCK AND WILCOX SUPERHEATED STEAM BOILERS RATED AT 138 MMBTU/HR EACH. THE



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

BOILERS ARE CAPABLE OF FIRING BOTH NATURAL GAS AND NO. 2 FUEL OIL, AND SHARE A COMMON STACK. THE BOILERS SERVE AS BACK UP FOR THE POA COGENERATION FACILITY.

Building(s): ALCO

**Condition 24: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

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

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 24.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: 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.

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



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 7/30/2007.

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

**Condition 25: Non Applicable requirements**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

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

**Item 25.1:**

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 26: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 204-1.6**

**Item 26.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) The owners and operators of each NO<sub>x</sub> budget source and each NO<sub>x</sub> budget unit at the source shall hold NO<sub>x</sub>

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



allowances available for compliance deductions under 6 NYCRR 204-6.5 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 6 NYCRR 204-8.

(2) Each ton of nitrogen oxides emitted in excess of the NOx budget emissions limitation shall constitute a separate violation of this Part, the act, and applicable State law.

(3) A NOx budget unit shall be subject to the requirements under paragraph (1) of this section starting on the later of May 1, 2003 or the date on which the unit commences operation.

(4) NOx allowances shall be held in, deducted from, or transferred among NOx allowance tracking system accounts in accordance with 6 NYCRR 204-5, 204-6, 204-7, and 204-9 of this Part.

(5) A NOx allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this condition, for a control period in a year prior to the year for which the NOx allowance was allocated.

(6) The owners and operators of a NOx budget unit that has excess emissions in any control period shall:

(i) forfeit the NOx allowances required for deduction under 6 NYCRR 204-6.5(d)(1); and

(ii) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 204-6.5(d)(3).

(7) Unless otherwise provided, the owners and operators of the NOx budget source and each NOx budget 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 prior to the end of five years, in writing by the department or the administrator.

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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



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 6 NYCRR 204-2.4; 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 account certificate of representation changing the NOx authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 204-8; provided that to the extent that Subpart 204-8 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 NOx Budget Trading Program.

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

(8) 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 NOx Budget Trading Program, including those under 6 NYCRR 204-4, 204-8, or 204-9 of this Part.

On a calendar year basis, the owner or operator must submit to DEC Region 7 a statement whether the owner or operator has complied with these requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 27: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



**Applicable Federal Requirement: 6NYCRR 204-2**

**Item 27.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 27.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Except where an alternate NOx authorized account representative has been appointed as provided under 6 NYCRR 204-2.2, 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 NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

(2) 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 such submission shall include the following certification statement by the NOx authorized account representative: "I am authorized to make the 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.

On an annual basis, the owner or operator shall submit to



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

DEC a statement whether the owner or operator has complied with these requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 28: Contents of reports and compliance certifications.  
Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 204-4.1**

**Item 28.1:** The NO<sub>x</sub> 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 NO<sub>x</sub> Budget emissions limitation for the control period covered by the report:

(1) Identification of each NO<sub>x</sub> Budget unit; and

(2) In the compliance certification report the NO<sub>x</sub> authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NO<sub>x</sub> Budget units at the source in compliance with the NO<sub>x</sub> Budget Trading Program, whether each NO<sub>x</sub> 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 NO<sub>x</sub> Budget Trading Program applicable to the unit, including:

(i) Whether the unit was operated in compliance with the NO<sub>x</sub> 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 NO<sub>x</sub> emissions to the unit, in accordance with Subpart 204-8;

(iii) Whether all the NO<sub>x</sub> 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 determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

**Condition 29: Compliance Certification**



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 204-4.1**

**Item 29.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 29.2:**

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 30: Submission of NOx allowance transfers.**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 204-7.1**

**Item 30.1:** The NOx authorized account representatives seeking recordation of a NOx allowance transfer shall submit the transfer to the Administrator. To be considered correctly 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 31: General provisions.**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 204-8.1**

**Item 31.1:** The owners and operators, and to the extent applicable, the NOx authorized account



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

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 32: Requirements for recertification of monitoring systems.  
Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 204-8.2**

**Item 32.1:** 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 33: Compliance Certification  
Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 204-8.4**

**Item 33.1:**  
The Compliance Certification activity will be performed for the Facility.

**Item 33.2:**  
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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



(one copy to the Regional Air Pollution Control Engineer (RAPCES) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office. All Authorized Account Representative changes shall be sent to the NYSDEC central office.

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, NW  
Mail Code 6204J  
Washington D.C. 20460

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

The address for the BQA is as follows:

NYSDEC  
Bureau of Quality Assurance  
625 Broadway  
Albany, NY 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:

615 Erie Boulevard, West  
Syracuse, NY 13204-2400

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 34: Compliance Certification**



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 225-1.8(a)**

**Item 34.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-S0034

Process: B3O

Emission Unit: U-S0034

Process: B4O

Emission Unit: U-S0067

Process: B6O

Emission Unit: U-S0067

Process: B7O

**Item 34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator 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 submittal to, NYDEC upon request.

On a semi-annual basis, the owner or operator shall submit to the DEC a report stating whether the owner or operator has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 35: Compliance Certification**

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 227-1.2(a)(1)**

**Item 35.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-S0034

Process: B3O

Emission Unit: U-S0034

Process: B4O

Emission Unit: U-S0067

Process: B6O

Emission Unit: U-S0067

Process: B7O

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator shall not cause or allow an emission into the outdoor atmosphere of particulates in excess of 0.10 pound per million Btu heat input while combusting oil.

At least once per permit term, unless operation of the boilers on oil does not exceed 720 hours in any calendar year during the term of the permit, and upon request from the DEC, the owner or operator shall conduct particulate matter emissions testing in accordance with 40 CFR Part 60, Appendix A, Methods 1-5. The results of such testing shall be submitted within 60 days of completion of such tests.

On a semi-annual basis, the owner or operator shall submit to the DEC a statement whether testing has been conducted and if so, the results of such tests.

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Upper Permit Limit: 0.1 pounds per million Btus  
Reference Test Method: EPA Method 9  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 36: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

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

**Item 36.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001  
Process: DB1

Emission Unit: U-P0001  
Process: TB1

Emission Unit: U-P0002  
Process: DB2

Emission Unit: U-P0002  
Process: TB2

Emission Unit: U-S0034  
Process: B3G

Emission Unit: U-S0034  
Process: B4G

Emission Unit: U-S0067  
Process: B6G

Emission Unit: U-S0067  
Process: B7G

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



**Item 36.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour not to exceed 27%, based on a six minute average.

Upon request from the DEC, the owner or operator shall conduct opacity observations in accordance with 40 CFR Part 60, Appendix A, Method 9. The results of such testing shall be submitted within 60 days of completion of such tests.

On a semi-annual basis, the owner or operator shall submit to the DEC a statement whether testing has been conducted and if so, the results of such tests.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 37: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

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

**Item 37.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-S0034

Process: B3O

Emission Unit: U-S0034

Process: B4O



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Emission Unit: U-S0067

Process: B6O

Emission Unit: U-S0067

Process: B7O

**Item 37.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour not to exceed 27%, based on a six minute average.

At least once per calendar quarter, unless operation of the boilers on oil does not exceed 168 hours in that given quarter, and upon request from the DEC, the owner or operator shall conduct opacity observations while combusting oil. Such observations shall be conducted in accordance with 40 CFR Part 60, Appendix A, Method 9. The results of such testing shall be submitted within 60 days of completion of such tests. This requirement will cease to apply if the owner or operator begins to monitor emissions with a continuous opacity monitor.

On a semi-annual basis, the owner or operator shall submit to the DEC a statement whether testing has been conducted and if so, the results of such tests.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 38: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 227-1.4(d)**

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



**Item 38.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-S0034

Process: B3O

Emission Source: BOIL3

Emission Unit: U-S0034

Process: B4O

Emission Source: BOIL4

Emission Unit: U-S0067

Process: B6O

Emission Source: BOIL6

Emission Unit: U-S0067

Process: B7O

Emission Source: BOIL7

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 38.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

DEC regulations generally require any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour to install and operate a device to continuously monitor opacity. However, 6 NYCRR 227-1.4(d)(2) allows the DEC to waive the requirement and set forth alternative monitoring requirements if the installation of a continuous stack monitoring system would impose an extreme economic burden on the source owner. Given that the boilers at POA burn primarily natural gas, the DEC, on the effective date of this permit, is only requiring the use of continuous opacity monitors if POA begins to fire oil on a routine basis.

The following apply to the owners or operators of Boilers 3, 4, 6 and 7 (Emission Sources Boil3, Boil4, Boil6, and Boil 7).

1. Pursuant to 6 NYCRR 227-1.4(d)(2), beginning on the effective date of this permit, the owner or operator is not required to monitor opacity with a continuous opacity

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



monitor, except as provided in items 2 and 3 below.

2. If the owner or operator combusts oil in excess of 1450 hours per calendar year in Boiler 3; or combusts oil in excess of 1450 hours per calendar year in Boiler 4; or combusts oil in excess of 1450 hours per calendar year in Boiler 3 and Boiler 4 combined, then the owner or operator shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity.

3. If the owner or operator combusts oil in excess of 1450 hours per calendar year in Boiler 6; or combusts oil in excess of 1450 hours per calendar year in Boiler 7; or combusts oil in excess of 1450 hours per calendar year in Boiler 6 and Boiler 7 combined, then the owner or operator shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity.

4. If a continuous opacity monitor is installed, from that point on it shall be operated and maintained; however, the opacity monitor(s) is not required to be operated during those periods when only natural gas is combusted.

5. Upon installation and operation of a continuous opacity monitor, the owner or operator shall submit to the DEC, on a quarterly basis,

(1) the magnitude, date and time of each six minute block average during which the average opacity of emissions exceeds 20 percent, except for one six minute block average per hour not to exceed 27 percent;

(2) for each period of excess emission, specific identification of the cause and corrective action taken;

(3) identification of all periods of COMS downtime,



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

including the date, time and duration of each inoperable period, and the cause and corrective action for each COMS downtime period;

(4) the total time in which the COMS are required to record data during the reporting period;

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

(6) such other things as the department may deem necessary, proper or desirable in order to enforce article 19 of the Environmental Conservation Law or the rules promulgated thereunder.

Such reports shall be submitted no later than 60 days after the end of each calendar quarter.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

**DESCRIPTION**

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 2/29/2008.

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

**Condition 39: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 227-2.4(b)**

**Item 39.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-S0034

Process: B3G

Emission Source: BOIL3

Emission Unit: U-S0034

Process: B3O

Emission Source: BOIL3

Emission Unit: U-S0034

Process: B4G

Emission Source: BOIL4

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Emission Unit: U-S0034  
Process: B4O                      Emission Source: BOIL4

Emission Unit: U-S0067  
Process: B6G                      Emission Source: BOIL6

Emission Unit: U-S0067  
Process: B6O                      Emission Source: BOIL6

Emission Unit: U-S0067  
Process: B7G                      Emission Source: BOIL7

Emission Unit: U-S0067  
Process: B7O                      Emission Source: BOIL7

**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of these large boilers shall not cause or allow emissions of oxides of nitrogen in excess of 0.30 pounds NO<sub>x</sub> per million Btu.

The owner or operator shall conduct emissions tests at least once per permit term and at any other time specified by the DEC. Testing shall be conducted while combusting oil and while combusting natural gas in accordance with a protocol approved by the DEC in accordance with the timeframes specified in 6 NYCRR 202-1. Testing while combusting fuel oil is not required if oil is fired no more than 168 hours in each calendar year in the permit term.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: 40 CFR Part 60, App A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 40: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 40.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Process: DB1

Emission Unit: U-P0002

Process: DB2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of carbon monoxide shall not exceed 207.4 pounds per hour when the ambient temperature equals or is less than 20 degrees Fahrenheit. The corresponding concentration emission limits (ppm, dry, corrected to 15% O<sub>2</sub>) are contained in figure 1 of Attachment A to this permit and are based on the individual heat input (HHV) to the gas turbine and duct burner train.

CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to the DEC a report of excess emissions in a format approved by the DEC. Such report shall state the date and time when each period of excess emissions began and ended, the cause of the excess emission, the average magnitude of the excess emission and any corrective action taken.

Manufacturer Name/Model Number: Thermoelectric model 48

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 207.4 pounds per hour

Reference Test Method: 40 CFR Part 60, App B/F

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: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



The initial report is due 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).

**Condition 41: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 41.1:**

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

Emission Unit: U-P0001  
Process: TB1

Emission Unit: U-P0002  
Process: TB2

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

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of carbon monoxide shall not exceed 92 pounds per hour when the ambient temperature is greater than 20 degrees Fahrenheit. The corresponding concentration emission limits (ppm, dry, corrected to 15% O<sub>2</sub>) are contained in figure 1 of Attachment A to this permit and are based on the individual heat input (HHV) to the gas turbine and duct burner train.

CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to the DEC a report of excess emissions in a format approved by the DEC. Such report shall state the date and time when each period of excess emissions began and ended, the cause of the excess emission, the average magnitude of the exceedance and any corrective action taken.

Manufacturer Name/Model Number: Thermoelectric model 48  
Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 92 pounds per hour



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Reference Test Method: 40 CFR Part 60, App B/F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).

**Condition 42: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 42.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must continuously measure and record the amount of fuel burned in each gas turbine and duct burner. Such data must be accurate to within plus or minus 5 percent or meet the requirements of fuel monitoring under 40 CFR Part 75, Appendix D, Section 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 1/30/2008.

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

**Condition 43: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 43.1:**

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



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Emission Unit: U-P0001  
Process: TB1

Emission Unit: U-P0002  
Process: TB2

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

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen shall not exceed 47 pounds per hour. CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to the DEC a report of excess emissions in a format approved by the DEC. Such report shall state the date and time when each period of excess emissions began and ended, the cause of the excess emission, the average magnitude of the exceedance and any corrective action taken.

Manufacturer Name/Model Number: Thermoelectric model 42  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 47 pounds per hour  
Reference Test Method: 40 CFR Part 60 App B/F or equivalent  
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 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).

**Condition 44: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 44.1:**

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

Emission Unit: U-P0001



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Process: DB1

Emission Unit: U-P0002

Process: DB2

Regulated Contaminant(s):

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

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen shall not exceed 69 pounds per hour on a one hour block average. CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to the DEC a report stating the results of emissions monitoring..

Manufacturer Name/Model Number: Thermoelectric model 42

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 69 pounds per hour

Reference Test Method: 40 CFR Part 60, Appendix B/F or equivalent

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 4/30/2007.

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

**Condition 45: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 45.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 45.2:**

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All emissions limits associated with these emissions units are based on a one hour block average. For NO<sub>x</sub> and CO, this value represents the average CEM measured value during each complete hour beginning at the start of each clock hour.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 46: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 46.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate matter emissions are limited to 25 pounds per hour. Performance stack testing must be conducted at the discretion of the Department. This limit applies when the gas turbine is operating with or without the duct burner.

On a semi-annual basis the owner or operator shall submit to the DEC a report stating the results of emissions testing (if conducted).

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Parameter Monitored: PARTICULATES  
Upper Permit Limit: 25 pounds per hour  
Reference Test Method: 40 CFR Part 60 App A Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 47: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 47.1:**

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

Emission Unit: U-P0001  
Process: DB1                      Emission Source: DBNR1

Emission Unit: U-P0002  
Process: DB2                      Emission Source: DBNR2

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

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of oxides of nitrogen from the duct burner shall not exceed 0.102 lb/mmBtu. Performance stack testing must be conducted at the discretion of the Department. This limit applies when the gas turbine is operating with or without the duct burner.

On a semi-annual basis the owner or operator shall submit to the DEC a report stating the results of emissions testing (if conducted).

Parameter Monitored: OXIDES OF NITROGEN



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Upper Permit Limit: 0.102 pounds per million Btus  
Reference Test Method: 40 CFR Part 60, App A, Method 7E  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 48: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 48.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

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

**Item 48.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate matter emissions are limited to 0.033  
lb/mmBtu. Performance stack testing must be conducted at  
the discretion of the Department. This limit applies  
when the gas turbine is operating with or without the duct  
burner.

On a semi-annual basis the owner or operator shall submit  
to the DEC a report stating the results of emissions  
testing (if conducted).

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.033 pounds per million Btus  
Reference Test Method: 40 CFR Part 60, App A, Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 49: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 49.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 49.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE OWNER OR OPERATOR SHALL SUBMIT A  
QUARTERLY WRITTEN CEM REPORT TO THE  
DEPARTMENT FOR EVERY CALENDAR YEAR  
QUARTER. ALL QUARTERLY REPORTS SHALL BE  
POSTMARKED BY THE 30TH DAY FOLLOWING THE  
END OF EACH CALENDAR YEAR  
QUARTER.

EACH QUARTERLY REPORT SHALL  
INCLUDE:

1. A SUMMARY OF EXCESS EMISSIONS AND  
CEMs DOWNTIME REPORTED IN A FORMAT  
APPROVED BY THE DEPARTMENT.
2. THE RESULTS OF THE QUARTERLY  
MONITORING PERFORMANCE AUDIT, REPORTED IN  
THE FORMAT OF 40 CFR 60 APPENDIX F (OR  
EQUIVALENT).
3. EXCESS EMISSIONS SHALL BE IDENTIFIED  
AS ANY ONE HOUR BLOCK PERIOD DURING WHICH



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

THE AVERAGE EMISSIONS OF NO<sub>x</sub> OR CO, AS MEASURED BY THE CEM SYSTEM, EXCEEDS THE CORRESPONDING MASS OR CONCENTRATION EMISSION LIMITS SET FORTH IN THIS PERMIT.

4. EXCESS EMISSIONS INDICATED BY THE CEM SYSTEM FOR ANY ONE HOUR BLOCK PERIOD OTHER THAN STARTUPS OR SHUTDOWNS AND MALFUNCTIONS PER NYSDEC PART 201-1.4 MAY BE CONSIDERED VIOLATIONS OF THE APPLICABLE EMISSION LIMITS.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 50: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 50.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0002

Emission Unit: U-P0001

Regulated Contaminant(s):

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

**Item 50.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM-10 emissions shall not exceed 0.033 lb/mmBtu.

Compliance shall be determined through emissions testing conducted at the discretion of the Department. This limit applies when the gas turbine is operating with or without the duct burner. The results of testing shall be submitted to the DEC within 60 days of completion of



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

testing.

On a semiannual basis, the owner or operator shall submit to the DEC a report stating whether testing occurred, and if so, the results of such tests.

Parameter Monitored: PM-10

Upper Permit Limit: 0.033 pounds per million Btus

Reference Test Method: EPA Method 201/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 51: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 51.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Startup and shutdown plans

(a) The owner or operator shall develop and maintain procedures for the cold start of operations for each gas turbine, and for the shutdown of each gas turbine. Such procedures shall define temperatures and pressures for steam injection permissive, upon which steam may be injected into the gas turbine to control NO<sub>x</sub> emissions. These procedures must be submitted to the DEC within 60 days of receipt of this permit and will be enforceable as part of this condition.

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



(b) Deviations from the procedures developed in accordance with Item (a) of this condition shall be noted in a written log (or otherwise documented, such as in a computer system).

On a semi-annual basis the owner or operator shall submit to the DEC a report stating whether the startup plan gas been maintained and whether deviations have been written in a log.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 52: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 52.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 52.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Emission limit during shutdown - Work Practice Standard

(a) Shutdown shall be accomplished according to written procedures submitted to the DEC.

(b) The time period for shutdown shall not exceed 0.5 hour.

(c) Emissions shall be monitored and recorded whenever

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



fuel is fired.

For those periods of excess emissions due to shutdown where procedures deviated from the procedures submitted to the DEC (and resulted in emissions in excess of emission limits stated elsewhere in this permit), the owner or operator shall describe how the shutdown procedures deviated from the written procedures.

On a semiannual basis, the owner or operator shall submit to the DEC a report stating whether such records were maintained.

Periods of excess emissions, including periods due to start up or shutdown, shall be submitted to the DEC in a quarterly report. In each quarterly report, identify each period when the time for shutdown exceeded 0.5 hours.

Parameter Monitored: DURATION OF SHUTDOWN

Upper Permit Limit: 0.5 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 30 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 53: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 53.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



**DEVICE PARAMETERS AS SURROGATE**

**Monitoring Description:**

Emission Limit During Start up - Work Practice Standard

- (a) Start up shall be accomplished according to written procedures submitted to the DEC. Start up is defined as the period from when fuel is first ignited up to the time steam permissives are met. The time period for start up shall not exceed 3 hours under any circumstance.
- (b) Emissions shall meet the applicable limit commencing either with (1) the block hour after permissives are achieved, or (2) three hours after the fuel is first ignited, whichever is earlier.
- (c) Excess emissions after steam injection permissives shall not be considered excess emissions due to start up, regardless of the time elapsed since first firing.
- (d) The owner or operator shall record when steam permissives are achieved for each period of start up and when steam injection commences.
- (e) Emissions shall be monitored and recorded whenever fuel is fired.

For those periods of excess emissions due to start up or shutdown where procedures deviated from the start up procedures developed in accordance with Item (a) of this condition, the owner or operator shall describe how the actual start up or shutdown procedures deviated from the written procedure.

On a semiannual basis, the owner or operator shall submit to the DEC a report stating whether such records were maintained.

Periods of excess emissions, including periods due to start up or shutdown, shall be submitted to the DEC in a quarterly report. In each quarterly report, identify each period when steam injection did not commence when permissives were achieved.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 3 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**DESCRIPTION**

Averaging Method: 3-HOUR BLOCK AVERAGE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 54: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 54.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must continuously measure and record ambient air temperature at the facility. Such measurement must be accurate to within plus or minus 1 degree Fahrenheit.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 55: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 55.1:**

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

Emission Unit: U-P0001

Process: DB1

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Emission Unit: U-P0002

Process: DB2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of carbon monoxide shall not exceed 106.4 pounds per hour when the ambient temperature is greater than 20 degrees Fahrenheit. The corresponding concentration emission limits (ppm, dry, corrected to 15% O<sub>2</sub>) are contained in figure 1 of Attachment A to this permit and are based on the individual heat input (HHV) to the gas turbine and duct burner train.

CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to the DEC a report of excess emissions in a format approved by the DEC. Such report shall state the date and time when each period of excess emissions began and ended, the cause of the excess emission, the average magnitude of the exceedance and any corrective action taken.

Manufacturer Name/Model Number: Thermoelectric model 48

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 106.4 pounds per hour

Reference Test Method: 40 CFR Part 60, App B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2007.

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

**Condition 56: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 56.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

VOC emissions are limited to 2.8 pounds per hour. Performance stack testing must be conducted at the discretion of the Department. This limit applies when the gas turbine is operating with or without the duct burner.

On a semi-annual basis the owner or operator shall submit to the DEC a report stating the results of emissions testing (if conducted).

Parameter Monitored: VOC

Upper Permit Limit: 2.8 pounds per hour

Reference Test Method: 40 CFR Part 60 App A M18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 57: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 57.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Emission Unit: U-P0002

Regulated Contaminant(s):

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

**Item 57.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PM-10 emissions are limited to 25 pounds per hour. Performance stack testing must be conducted at the discretion of the Department. This limit applies when the gas turbine is operating with or without the duct burner.

On a semi-annual basis the owner or operator shall submit to the DEC a report stating the results of emissions testing (if conducted).

Parameter Monitored: PM-10

Upper Permit Limit: 25 pounds per hour

Reference Test Method: 40 CFR Part 51, Method 201

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 58: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 58.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 58.2:**



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must calculate the one-hour average mass emission rates of NO<sub>x</sub> and CO emitted to the atmosphere. The calculated emission rate shall be used to determine compliance with the applicable mass emission limits for these units.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 59: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 59.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 59.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

VOC emissions are limited to no more than 5.2 ppm by volume, dry, corrected to 15% O<sub>2</sub>. This limit applies when the gas turbine is operating with or without the duct burner. Performance stack testing must be conducted at the discretion of the DEC.

On a semi-annual basis, the owner or operator shall report to the DEC the results of such testing (if conducted).

Parameter Monitored: VOC



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Upper Permit Limit: 5.2 parts per billion by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR Part 60 App A, Method 18

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 60: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 60.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Process: TB1

Emission Unit: U-P0002

Process: TB2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 60.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of carbon monoxide shall not exceed 193 pounds per hour when the ambient temperature equals or is less than 20 degrees Fahrenheit. The corresponding concentration emission limits (ppm, dry, corrected to 15% O<sub>2</sub>) are contained in figure 1 of Attachment A to this permit and are based on the individual heat input (HHV) to the gas turbine and duct burner train.

CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

the DEC a report of excess emissions in a format approved by the DEC. Such report shall state the date and time when each period of excess emissions began and ended, the cause of the excess emission, the average magnitude of the exceedance and any corrective action taken.

Manufacturer Name/Model Number: Thermoelectric model 48  
Parameter Monitored: CARBON MONOXIDE  
Upper Permit Limit: 193 pounds per hour  
Reference Test Method: 40 CFR Part 60, App B/F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).

**Condition 61: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 61.1:**

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

Emission Unit: U-P0001  
Process: TB1

Emission Unit: U-P0002  
Process: TB2

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

**Item 61.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen shall not exceed 25 parts per million corrected to 15% O<sub>2</sub> (dry basis) on a one hour block average. CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to the DEC a report of excess emissions in a format approved



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

by the DEC. Such report shall state the date and time when each period of excess emissions began and ended, the cause of the excess emission, the average magnitude of the exceedance and any corrective action taken.

Manufacturer Name/Model Number: Thermoelectric model 42

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 25 parts per billion by volume (dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR Part 60 App B/F or equivalent

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 4/30/2007.

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

**Condition 62: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 62.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 62.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain a file of all measurements, including CEM system performance evaluations; all CEM systems or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR Part 60 (and Part 75, for NO<sub>x</sub>) recorded in a permanent form suitable for inspection. The file shall be retained for at least three years, or as otherwise required, following the date of such measurement, maintenance, report and record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**DESCRIPTION**

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 63: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 63.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Process: DB1

Emission Unit: U-P0002

Process: DB2

Regulated Contaminant(s):

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

**Item 63.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen shall not exceed 26 parts per million corrected to 15% O<sub>2</sub> (dry basis) on a one hour block average. CEM data will be used to demonstrate compliance with the applicable emissions limits.

On a quarterly basis the owner or operator shall submit to the DEC a report of excess emissions in a format approved by the DEC. Such report shall state the date and time when each period of excess emissions began and ended, the cause of the excess emission, the average magnitude of the exceedance and any corrective action taken.

Manufacturer Name/Model Number: Thermoelectric model 42

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 26 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: 40 CFR Part 60 App B/F or equivalent

Monitoring Frequency: CONTINUOUS



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Averaging Method: 1-HOUR AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).

**Condition 64: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 64.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All emission limits associated with these emission units  
that are based on heat input correspond to the higher  
heating value (HHV) of the fuel burned.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 65: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 65.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



**Item 65.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 66: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 66.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 66.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE OWNER OR OPERATOR MUST NOTIFY THE DEPARTMENT AND USEPA REGION II WITHIN THREE BUSINESS DAYS OF PERFORMING ANY ENGINE REPLACEMENT FOR THE PURPOSE OF CONDUCTING MAINTENANCE ON THE ORIGINAL GAS TURBINE (SERIAL #454-157) ASSOCIATED WITH THIS EMISSION UNIT. SUCH NOTIFICATION SHALL IDENTIFY THE DATE THAT THE REPLACEMENT ENGINE BEGAN OPERATION, THE SERIAL # OF THE REPLACEMENT ENGINE, THE EXPECTED DURATION OF THE REPLACEMENT,

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



AND THE REASON(S) THAT THE ORIGINAL GAS TURBINE WAS REPLACED.

EACH REPLACEMENT ENGINE MUST COMPLY WITH ALL OF THE CONDITIONS OF THIS PERMIT. THE OWNER OR OPERATOR MUST NOTIFY THE DEPARTMENT AND USEPA REGION II WITHIN THREE BUSINESS DAYS OF REINSTALLING THE ORIGINAL GAS TURBINE.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 67: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21, Subpart A**

**Item 67.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 67.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unless otherwise stated, all records required for these emissions units must be maintained at the facility for the three most recent years and must be made available upon request by a NYSDEC authorized agent.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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



**New York State Department of Environmental Conservation**

Permit ID: 7-3115-00229/00008

Facility DEC ID: 7311500229

**Condition 68: Compliance Certification**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 52.21(r)(6), Subpart A**

**Item 68.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 68.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As a result of damage to the original turbine of Unit 2 and its subsequent replacement, the owner or operator must determine whether a significant net emissions increase has occurred as a result of the turbine replacement. Such determination must present the actual baseline emissions and the actual emissions after the replacement.

The facility is not an electric utility steam generator, and is allowed to make a self-determination. Emissions of SO<sub>2</sub> and NO<sub>x</sub> must be computed for each 12 month rolling period commencing the 12th month after first installing the replacement turbine and ending with the completion of the fifth annual period after installation of the replacement turbine.

In computing emissions for such analysis, the owner or operator need not account for emissions that could have been accommodated during the consecutive 24 month period used to establish the baseline actual emissions, including any increased utilization due to product demand growth; see 40 CFR 52.21(b)(4)(ii)(c).

On an annual basis, the owner or operator shall submit to the DEC a statement whether the owner or operator has completed the analysis. If the analysis shows that the replacement has resulted in a significant net emissions increase for either SO<sub>2</sub>, NO<sub>x</sub> or CO, the owner or operator must submit to the DEC and EPA, within 30 days of such showing, a report of such calculation.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

The initial report is due 1/30/2008.  
Subsequent reports are due every 12 calendar month(s).

**Condition 69: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 60.333(b), NSPS Subpart GG**

**Item 69.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

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

**Item 69.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall not burn any fuel which contains sulfur in excess of 0.8 percent by weight. The owner or operator is not required to monitor fuel sulfur. The owner or operator must specify in its contract to purchase natural gas that the fuel sulfur shall not exceed 20.0 grains per 100 standard cubic feet.

On an annual basis, the owner or operator shall submit to the DEC a report stating whether the or she has maintained a purchase contract with a fuel specification that the sulfur content shall not exceed 20.0 gr/100 scf.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2008.  
Subsequent reports are due every 12 calendar month(s).

**Condition 70: Compliance Certification**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 40CFR 60.334, NSPS Subpart GG**



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**Item 70.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 70.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The stationary gas turbines are subject to 40 CFR Part 60, Subpart GG. Pursuant to Subpart GG:

1. The facility shall monitor NO<sub>x</sub> emissions using a CEM that is compliant with 40 CFR Part 75 requirements, except that the missing data substitution provisions do not apply. The facility is not required to monitor water to fuel ratio.
2. The facility does not have to adjust its NO<sub>x</sub> emissions to ISO conditions (see 40 CFR 60.335(b)(1)).
3. The facility does not have to monitor the sulfur content of the natural gas (see 40 CFR 60.334(h)(3)(i)) because the owner or operator has a contract specifying that fuel sulfur shall not exceed 20.0 gr/100 scf.

Compliance with the emissions limits cited pursuant to 40 CFR Part 52, Subpart HH, which are more stringent than 40 CFR Part 60, Subpart GG, ensures compliance with 40 CFR Part 60, Subpart GG. EPA guidance dated May 5, 1996 provides that owners or operators may elect to streamline multiple requirements into a single set of conditions that will assure compliance with all applicable requirements. If the owners or operators comply with the more stringent NO<sub>x</sub> limits elsewhere in this permit, it will comply with 40 CFR Part 60, Subpart GG. Accordingly, the quarterly reporting required elsewhere in this permit will satisfy the excess emissions reporting under 40 CFR Part 60, Subpart GG.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Reports due 30 days after the reporting period.  
The initial report is due 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).

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

**Condition 71: Emission Point Definition By Emission Unit**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 71.1:**

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

Emission Unit: U-P0001

Emission Point: 00001

Height (ft.): 200

Diameter (in.): 136

NYTMN (km.): 4765.722 NYTME (km.): 406.732 Building: COGEN

**Item 71.2:**

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

Emission Unit: U-P0002

Emission Point: 00002

Height (ft.): 200

Diameter (in.): 136

NYTMN (km.): 4765.722 NYTME (km.): 406.732 Building: COGEN

**Item 71.3:**

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

Emission Unit: U-S0034

Emission Point: SU001

Height (ft.): 175

Diameter (in.): 120

NYTMN (km.): 4765.722 NYTME (km.): 406.732 Building: RILEY

**Item 71.4:**

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

Emission Unit: U-S0067

Emission Point: SU002

Height (ft.): 175

Diameter (in.): 120



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

NYTMN (km.): 4765.722 NYTME (km.): 406.732 Building: ALCO

**Condition 72: Process Definition By Emission Unit  
Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable Federal Requirement: 6NYCRR 201-6**

**Item 72.1:**

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

Emission Unit: U-P0001

Process: DB1

Source Classification Code: 1-02-006-02

Process Description:

A GENERAL ELECTRIC LM5000 GAS TURBINE  
RATED AT 45 MW OF ELECTRICAL OUTPUT  
OPERATING WITH A COEN DUCT BURNER. THE GAS  
TURBINE UNIT'S MAXIMUM RATED HEAT CAPACITY  
IS 550 MMBTU/HR. THE COEN DUCT BURNER HAS  
A MAXIMUM RATED HEAT CAPACITY OF 180  
MMBTU/HR. BOTH UNITS FIRE NATURAL GAS ONLY  
AND SUPPLY SUPPLEMENTARY HEAT AS NEEDED TO  
THE CAMPUS OF SYRACUSE UNIVERSITY TO MEET  
PEAK STEAM DEMANDS. THE PROCESS IS  
EQUIPPED WITH STEAM INJECTION TO REDUCE  
EMISSIONS OF NO<sub>x</sub> AND CATALYTIC OXIDATION  
FOR CO CONTROL.

Emission Source/Control: DBNR1 - Combustion

Design Capacity: 180 million Btu per hour

Emission Source/Control: TURB1 - Combustion

Design Capacity: 550 million Btu per hour

Emission Source/Control: CAT01 - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: SI001 - Control

Control Type: STEAM OR WATER INJECTION

**Item 72.2:**

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

Emission Unit: U-P0001

Process: TB1

Source Classification Code: 2-01-002-01

Process Description:

A GENERAL ELECTRIC LM5000 GAS TURBINE  
RATED AT 45 MW OF ELECTRICAL OUTPUT. THE



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

UNIT'S MAXIMUM RATED HEAT CAPACITY IS 550 MMBTU/HR AND IT OPERATES ON NATURAL GAS ONLY. THE UNIT IS EQUIPPED WITH STEAM INJECTION TO REDUCE EMISSIONS OF NO<sub>x</sub> AND CATALYTIC OXIDATION FOR CO CONTROL. THE UNIT'S ELECTRICAL OUTPUT IS SOLD DIRECTLY TO THE NIAGARA MOHAWK POWER CORPORATION; STEAM PRODUCTION IS SENT TO THE CAMPUS OF SYRACUSE UNIVERSITY.

Emission Source/Control: TURB1 - Combustion  
Design Capacity: 550 million Btu per hour

Emission Source/Control: CAT01 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: SI001 - Control  
Control Type: STEAM OR WATER INJECTION

**Item 72.3:**

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

Emission Unit: U-P0002

Process: DB2

Source Classification Code: 1-02-006-02

Process Description:

A GENERAL ELECTRIC LM5000 GAS TURBINE RATED AT 45 MW OF ELECTRICAL OUTPUT OPERATING WITH A COEN DUCT BURNER. THE GAS TURBINE UNIT'S MAXIMUM RATED HEAT CAPACITY IS 550 MMBTU/HR. THE COEN DUCT BURNER HAS A MAXIMUM RATED HEAT CAPACITY OF 180 MMBTU/HR. BOTH UNITS FIRE NATURAL GAS ONLY AND SUPPLY SUPPLEMENTARY HEAT AS NEEDED TO THE CAMPUS OF SYRACUSE UNIVERSITY TO MEET PEAK STEAM DEMANDS. THE PROCESS IS EQUIPPED WITH STEAM INJECTION TO REDUCE EMISSIONS OF NO<sub>x</sub> AND CATALYTIC OXIDATION FOR CO CONTROL.

Emission Source/Control: DBNR2 - Combustion  
Design Capacity: 180 million Btu per hour

Emission Source/Control: TURB2 - Combustion  
Design Capacity: 550 million Btu per hour

Emission Source/Control: CAT02 - Control  
Control Type: CATALYTIC OXIDATION

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Emission Source/Control: SI002 - Control  
Control Type: STEAM OR WATER INJECTION

**Item 72.4:**

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

Emission Unit: U-P0002

Process: TB2

Source Classification Code: 2-01-002-01

Process Description:

A GENERAL ELECTRIC LM 5000 GAS TURBINE RATED AT 45 MW OF ELECTRICAL OUTPUT. THE UNIT'S MAXIMUM RATED HEAT CAPACITY IS 550 MMBTU/HR AND IT OPERATES ON NATURAL GAS ONLY. THE UNIT IS EQUIPPED WITH STEAM INJECTION TO REDUCE EMISSIONS OF NO<sub>x</sub> AND CATALYTIC OXIDATION FOR CO CONTROL. THE UNIT'S ELECTRIC OUTPUT IS SOLD DIRECTLY TO THE NIAGARA MOHAWK POWER CORPORATION; STEAM PRODUCTION IS SENT TO THE CAMPUS OF SYRACUSE UNIVERSITY.

Emission Source/Control: TURB2 - Combustion  
Design Capacity: 550 million Btu per hour

Emission Source/Control: CAT02 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: SI002 - Control  
Control Type: STEAM OR WATER INJECTION

**Item 72.5:**

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

Emission Unit: U-S0034

Process: B3G

Source Classification Code: 1-01-006-01

Process Description:

A RILEY STOKER BOILER RATED AT 206 MMBTU/HR FIRING NATURAL GAS. NO EMISSION CONTROLS ARE INSTALLED. THE UNIT SERVES AS BACK-UP FOR THE POA FACILITY.

Emission Source/Control: BOIL3 - Combustion  
Design Capacity: 206 million Btu per hour

**Item 72.6:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



Emission Unit: U-S0034

Process: B3O

Source Classification Code: 1-01-005-01

Process Description:

A RILEY STOKER BOILER RATED AT 206  
MMBTU/HR FIRING NO. 2 FUEL OIL. NO  
EMISSION CONTROLS ARE INSTALLED. THE UNIT  
SERVES AS BACK-UP FOR THE POA FACILITY.

Emission Source/Control: BOIL3 - Combustion

Design Capacity: 206 million Btu per hour

**Item 72.7:**

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

Emission Unit: U-S0034

Process: B4G

Source Classification Code: 1-01-006-01

Process Description:

A RILEY STOKER BOILER RATED AT 206  
MMBTU/HR FIRING NATURAL GAS. NO EMISSION  
CONTROLS ARE INSTALLED. THE UNIT SERVES AS  
BACK-UP FOR THE POA FACILITY.

Emission Source/Control: BOIL4 - Combustion

Design Capacity: 206 million Btu per hour

**Item 72.8:**

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

Emission Unit: U-S0034

Process: B4O

Source Classification Code: 1-01-005-01

Process Description:

A RILEY STOKER BOILER RATED AT 206  
MMBTU/HR FIRING NO.2 FUEL OIL. NO EMISSION  
CONTROLS ARE INSTALLED. THE UNIT SERVES AS  
BACK UP FOR THE POA FACILITY.

Emission Source/Control: BOIL4 - Combustion

Design Capacity: 206 million Btu per hour

**Item 72.9:**

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

Emission Unit: U-S0067

Process: B6G

Source Classification Code: 1-01-006-01

Process Description:

A BABCOCK AND WILCOX BOILER RATED AT 138



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

MMBTU/HR FIRING NATURAL GAS. NO EMISSION CONTROLS ARE INSTALLED. THE UNIT SERVES AS BACK UP FOR THE POA FACILITY.

Emission Source/Control: BOIL6 - Combustion  
Design Capacity: 138 million Btu per hour

**Item 72.10:**

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

Emission Unit: U-S0067

Process: B6O

Source Classification Code: 1-01-005-01

Process Description:

A BABCOCK AND WILCOX BOILER RATED AT 138 MMBTU/HR FIRING NO. 2 FUEL OIL. NO EMISSION CONTROLS ARE INSTALLED. THE UNIT SERVES AS BACK UP FOR THE POA FACILITY.

Emission Source/Control: BOIL6 - Combustion  
Design Capacity: 138 million Btu per hour

**Item 72.11:**

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

Emission Unit: U-S0067

Process: B7G

Source Classification Code: 1-01-006-01

Process Description:

A BABCOCK AND WILCOX BOILER RATED AT 138 MMBTU/HR FIRING NATURAL GAS. NO EMISSION CONTROLS ARE INSTALLED. THE UNIT SERVES AS BACK UP FOR THE POA FACILITY.

Emission Source/Control: BOIL7 - Combustion  
Design Capacity: 138 million Btu per hour

**Item 72.12:**

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

Emission Unit: U-S0067

Process: B7O

Source Classification Code: 1-01-005-01

Process Description:

A BABCOCK AND WILCOX BOILER RATED AT 138 MMBTU/HR FIRING NO 2. FUEL OIL. NO EMISSION CONTROLS ARE INSTALLED. THE UNIT SERVES AS BACK UP FOR THE POA FACILITY.

Emission Source/Control: BOIL7 - Combustion

**New York State Department of Environmental Conservation**  
**Permit ID: 7-3115-00229/00008      Facility DEC ID: 7311500229**



Design Capacity: 138 million Btu per hour



**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 73: Contaminant List**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: ECL 19-0301**

**Item 73.1:**

Emissions of the following contaminants are subject to contaminant specific requirements in this



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

**Condition 74: Unavoidable noncompliance and violations**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 201-1.4**

Item 74.1:

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



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

**Condition 75: Air pollution prohibited**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 75.1:**

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 76: Compliance Demonstration**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 225-1.2(d)**

**Item 76.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-S0034

Process: B3O



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

Emission Unit: U-S0034  
Process: B4O

Emission Unit: U-S0067  
Process: B6O

Emission Unit: U-S0067  
Process: B7O

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

**Item 76.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The owner or operator shall not sell, offer for sale, purchase or use any fuel which contains sulfur in excess of 1.5% sulfur by weight. (This limit is state-enforceable only. The federal limit is 2.0% sulfur by weight.)

On a semi-annual basis, the owner or operator must submit to the DEC a report stating whether any fuel oil was burned and whether the fuel contained sulfur less than 1.5%. Additionally, in the event that the owner or operator uses fuel oil containing sulfur in excess of 1.5% sulfur by weight, the owner must notify the DEC within 30 days of combusting such fuel.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR

Upper Permit Limit: 1.5 percent by weight

Reference Test Method: ASTM D129-91 or equivalent

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 7/30/2007.

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

**Condition 77: Compliance Demonstration**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**New York State Department of Environmental Conservation**

Permit ID: 7-3115-00229/00008

Facility DEC ID: 7311500229



**Applicable State Requirement: 6NYCRR 237-1**

**Item 77.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 77.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) 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 6 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 6 NYCRR 237-8.
- (2) Except for future control period NOx allowances which may be deducted pursuant to 6 NYCRR 237-6.5(f), a NOx allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this subdivision, for a control period in a year prior to the year for which the NOx allowance was allocated.
- (3) The owners and operators of a NOx budget unit that has excess emissions in any control period shall:
  - (i) forfeit the NOx allowances required for deduction under 6 NYCRR 237-6.5(d)(1); and
  - (ii) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 237-6.5(d)(3).
- (4) Unless otherwise provided, the owners and operators of the NOx budget source and each NOx budget 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

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



for cause, at any time prior to the end of five years, in writing by the department.

(i) 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 6 NYCRR 237-2.4; 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 account certificate of representation changing the NOx authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 237-8 of this Part

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR NOx Budget Trading Program.(iv) 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.(5) 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 6 NYCRR 237-4, 237-8, or 237-9.

On an annual basis the owner or operator must submit a report stating whether the owner or operator complied with these requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 78: Compliance Demonstration**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 237-2**



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

**Item 78.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 78.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Except where an alternate NOx authorized account representative has been appointed as provided under 6 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 ADR NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

(2) 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 the 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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 79: Compliance Demonstration**

**Effective between the dates of 01/02/2007 and 01/01/2012**

**New York State Department of Environmental Conservation**

Permit ID: 7-3115-00229/00008

Facility DEC ID: 7311500229



**Applicable State Requirement: 6NYCRR 237-4.1**

**Item 79.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 79.2:**

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);

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



(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 NO<sub>x</sub> authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NO<sub>x</sub> budget units at the source in compliance with the Acid Deposition Reduction (ADR) NO<sub>x</sub> Budget Trading Program, whether each NO<sub>x</sub> 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 NO<sub>x</sub> Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the NO<sub>x</sub> 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 NO<sub>x</sub> emissions to the unit, in accordance with NYCRR 237-8;

(c) whether all the NO<sub>x</sub> 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



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

(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.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 80: Submission of NOx allowance transfers**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 237-7.1**

**Item 80.1:**

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 81: Compliance Demonstration**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 238-1**

**Item 81.1:**

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

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 81.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (1) The owners and operators of each ADR SO2 budget

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



source and each SO<sub>2</sub> budget unit at the source shall hold SO<sub>2</sub> allowances available for compliance deductions under 6 NYCRR 238-6.5, as of the SO<sub>2</sub> allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total SO<sub>2</sub> emissions for the control period from the unit, as determined in accordance with 6 NYCRR 238-8.

(2) Except for future control period SO<sub>2</sub> allowances which may be deducted pursuant to 6 NYCRR 238-6.5(f), a SO<sub>2</sub> allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this subdivision, for a control period in a year prior to the year for which the SO<sub>2</sub> allowance was allocated.

(3) The owners and operators of a SO<sub>2</sub> budget unit that has excess emissions in any control period shall:

(i) forfeit the SO<sub>2</sub> allowances required for deduction under 6 NYCRR 238-6.5(d)(1); and

(ii) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 238-6.5(d)(3).

(4) Unless otherwise provided, the owners and operators of the ADR SO<sub>2</sub> budget source and each SO<sub>2</sub> budget 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 prior to the end of five years, in writing by the department.

(i) The account certificate of representation for the SO<sub>2</sub> authorized account representative for the source and each SO<sub>2</sub> budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR 238-2.4; 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 account certificate of representation changing the SO<sub>2</sub> authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 238-8 of this Part

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



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

(iv) Copies of all documents used to complete a 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.

(5) The SO2 authorized account representative of a 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 6 NYCRR 238-4 or 238-8.

On an annual basis, the owner or operator shall submit to the DEC a report stating whether the owner or operator has complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 82: Compliance Demonstration**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 238-2**

**Item 82.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 82.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Except where an alternate SO2 authorized account

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



representative has been appointed as provided under 6 NYCRR 238-2.2, each NOx budget source, including all SO2 budget units at the source, shall have one and only one SO2 authorized account representative, with regard to all matters under the ADR SO2 Budget Trading Program concerning the source or any SO2 budget unit at the source.

(2) Each submission under the 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: "I am authorized to make the 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.

On an annual basis, the owner or operator must submit to the DEC a report stating whether the owner or operator complied with this requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 83: Compliance Demonstration**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 238-4.1**

**Item 83.1:**

The Compliance Demonstration activity will be performed for the facility:

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



The Compliance Demonstration applies to:

Emission Unit: U-P0001

Emission Unit: U-P0002

**Item 83.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more SO<sub>2</sub> budget units at a source are subject to the SO<sub>2</sub> budget emissions limitation, the SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> budget emissions limitation for the control period covered by the report:

- (1) identification of each SO<sub>2</sub> budget unit;
- (2) except in instances when the SO<sub>2</sub> budget unit seeks to use future control period SO<sub>2</sub> allowances which may be deducted pursuant to NYCRR 238-6.5(f), at the SO<sub>2</sub> authorized account representative's option, the serial numbers of the SO<sub>2</sub> allowances that are to be deducted from each unit's compliance account under NYCRR 238-6.5 for the control period;
- (3) at the SO<sub>2</sub> authorized account representative's option, for units sharing a common stack and having SO<sub>2</sub> emissions that are not monitored separately or apportioned in accordance with NYCRR 238-8, the percentage of SO<sub>2</sub> 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 SO<sub>2</sub> authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the SO<sub>2</sub> budget units at the source in compliance with the ADR SO<sub>2</sub> Budget Trading Program, whether each SO<sub>2</sub> 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 SO<sub>2</sub> Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the SO<sub>2</sub> 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 SO<sub>2</sub> emissions to the unit, in accordance with Subpart 238-8;

(c) whether all the SO<sub>2</sub> 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 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



**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**

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 84: Submission of SO2 allowance transfers**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 238-7.1**

**Item 84.1:**

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 85: Compliance Demonstration**  
**Effective between the dates of 01/02/2007 and 01/01/2012**

**Applicable State Requirement: 6NYCRR 617.11(d)**

**Item 85.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 85.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. THE TOTAL NOISE LEVEL FROM THE POA COGENERATION FACILITY SHALL NOT EXCEED 45 DbA (PLUS OR MINUS 3 DbA DUE TO ACCURACY LIMITATIONS FOR NOISE MEASUREMENT METHODS) AT 600 FEET FROM THE STACK

**New York State Department of Environmental Conservation**

**Permit ID: 7-3115-00229/00008**

**Facility DEC ID: 7311500229**



CENTER LINE IN ANY DIRECTION DURING  
NON-EMERGENCY OPERATION.

2. THE POA COGENERATION FACILITY SHALL  
NOT PRODUCE ANY PROMINENT DISCRETE TONES  
(AS DEFINED IN APPENDIX A OF THE AMERICAN  
NATIONAL STANDARD METHODS FOR THE  
MEASUREMENT OF SOUND PRESSURE  
LEVELS).

3. THE COGENERATION FACILITY SHALL  
OPERATE THE BACKUP (NON SILENCED) GAS  
TURBINE COMPARTMENT VENT FAN ONLY WHEN  
THE PRIMARY (SILENCED) FAN IS INOPERABLE  
DUE TO MALFUNCTION. IN SUCH A CASE THE  
NYSDEC SHALL BE PROVIDED WRITTEN  
NOTIFICATION WITHIN 24 HOURS OF OPERATION  
OF THE NON-SILENCED FAN DESCRIBING THE  
CAUSE OF THE MALFUNCTION, THE CORRECTIVE  
ACTION REQUIRED AND AN ESTIMATED SCHEDULE  
FOR REPAIRING THE PRIMARY FAN.

4. THE DEARATOR VENT SHALL BE SILENCED  
DURING ALL PERIODS OF OPERATION. NYSDEC  
MUST BE NOTIFIED IN WRITING PRIOR TO ANY  
DESIGN CHANGES BEING MADE TO THE DEARATOR  
VENT. IN SUCH A CASE, NYSDEC RESERVES  
THE RIGHT TO REQUIRE ADDITIONAL NOISE  
TESTING TO ENSURE COMPLIANCE WITH  
CONDITIONS 1 AND 2 ABOVE.

Testing shall be conducted upon written  
notice from the DEC. A written report  
shall be submitted no later than 30 days  
after completing testing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION