

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 2630400024**



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 2-6304-00024/00039  
Effective Date: 10/25/2001 Expiration Date: 10/25/2006

Permit Issued To: KEYSpan - RAVENSWOOD SERVICES CORP  
175 EAST OLD COUNTRY RD  
HICKSVILLE, NY 11801

Contact: ROBERT D. TEETZ  
KEYSPAN CORPORATE SERVICES  
445 BROADHOLLOW RD  
MELVILLE, NY 11747  
(631) 391-6133

Facility: RAVENSWOOD GENERATING STATION  
38-54 VERNON BOULEVARD  
QUEENS, NY 11101

Contact: ROBERT D. TEETZ  
KEYSPAN CORPORATE SERVICES  
445 BROADHOLLOW RD  
MELVILLE, NY 11747  
(631) 391-6133

**Description:**

Ravenswood Cogeneration facility proposed by KeySpan Energy. The Energy Facility would be located adjacent to the Ravenswood Generating Station on Vernon Boulevard in Long Island City, Queens County, New York, on part of an approximately 28-acre parcel owned by the applicant. The entire project area is zoned for Heavy Manufacturing. The Ravenswood Generating Station is bounded on the east by the East River, on the west by Vernon Boulevard, on the south by Con Edison's 138 kV Vernon Substation, and on the north by Con Edison's 345 kV Rainey Substation.

The facility will consist of one GE 7FA combustion turbine, one heat recovery steam generator (HRSG) equipped with a duct burner for supplemental firing and one steam turbine. The turbine will fire natural gas with up to 30 days of kerosene, the duct burner will only fire natural gas. The plant will have a nominal generating capacity of approximately 250 megawatts.

The potential emissions of major air pollutants from the facility will exceed the major source thresholds. As part of the application, the applicant provided a control technology analysis for the various pollutants based on the area's attainment status and the potential emissions from the facility.

The facility is subject to the provisions of Title V facility specified under 6NYCRR 201-6.

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 2630400024**



The Title V permit contains a complete listing of the applicable federal, state and compliance monitoring requirements for the proposed facility.

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

Permit Administrator: WILLIAM R. ADRIANCE  
625 BROADWAY  
ALBANY, NY 12233

Authorized Signature: \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_\_\_



**Notification of Other 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, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal-REGION 2

HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

**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 and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13(a)**

**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.

**Condition 4: Permit Modifications, Suspensions, and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 2630400024**



modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 2 Headquarters  
Division of Environmental Permits  
1 Hunters Point Plaza, 4740 21st Street  
Long Island City, NY 11101-5407  
(718) 482-4997



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: KEYSpan - RAVENSWOOD SERVICES CORP  
175 EAST OLD COUNTRY RD  
HICKSVILLE, NY 11801

Contact: ROBERT D. TEETZ  
KEYSPAN CORPORATE SERVICES  
445 BROADHOLLOW RD  
MELVILLE, NY 11747  
(631) 391-6133

Facility: RAVENSWOOD GENERATING STATION  
38-54 VERNON BOULEVARD  
QUEENS, NY 11101

Contact: ROBERT D. TEETZ  
KEYSPAN CORPORATE SERVICES  
445 BROADHOLLOW RD  
MELVILLE, NY 11747  
(631) 391-6133

Authorized Activity By Standard Industrial



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 Sealing
- 2 Acceptable ambient air quality
- 3 Maintenance of equipment
- 4 Unpermitted Emission Sources
- 5 Unavoidable Noncompliance and Violations
- 6 Emergency Defense
- 7 Recycling and Salvage
- 8 Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 Public Access to Recordkeeping for Title V facilities
- 10 Proof of Eligibility
- 11 Proof of Eligibility
- 12 Applicable Criteria, Limits, Terms, Conditions and Standards
- 13 Cessation or Reduction of Permitted Activity Not a Defense
- 14 Compliance Requirements
- 15 Federally-Enforceable Requirements
- 16 Fees
- 17 Monitoring, Related Recordkeeping and Reporting Requirements
- 18 Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements
- 19 Permit Shield
- 20 Property Rights
- 21 Reopening for Cause
- 22 Right to Inspect
- 23 Severability
- 24 Emission Unit Definition
- 25 Compliance Certification
- 26 Compliance Certification
- 27 Permit Exclusion Provisions
- 28 Required emissions tests
- 29 Compliance Certification
- 30 Recordkeeping requirements
- 31 Permit requirements.
- 32 Submittal of Episode Action Plans
- 33 Visible emissions limited.
- 34 Compliance Certification
- 35 Compliance Certification
- 36 Open Fires Prohibited at Industrial and Commercial Sites
- 37 Compliance Certification
- 38 Sampling, compositing, and analysis of fuel samples
- 39 Notification/Reporting requirements
- 40 Emission offset requirements - NOx



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

- 41 Emission offset requirements - VOC
- 42 Date of construction notification.
- 43 Recordkeeping requirements.
- 44 Excess emissions report.
- 45 Excess emissions report.
- 46 Opacity standard compliance testing.
- 47 Monitoring requirements.
- 48 Recycling and Emissions Reduction
- Emission Unit Level**
- 49 Emission Point Definition By Emission Unit
- 50 Process Definition By Emission Unit
- 51 Compliance Certification (EU=U-CC001)
- 52 Compliance Certification (EU=U-CC001)
- 53 Compliance Certification (EU=U-CC001)
- 54 Compliance Certification (EU=U-CC001)
- 55 Compliance Certification (EU=U-CC001)
- 56 Compliance Certification (EU=U-CC001)
- 57 Compliance Certification (EU=U-CC001)
- 58 Compliance Certification (EU=U-CC001)
- 59 Applicability of General Provisions of 40 CFR 60 Subpart A
- 60 Performance testing timeline.
- 61 Circumvention.
- 62 Standard for nitrogen oxides.
- 63 Compliance Certification (EU=U-CC001)
- 64 Compliance Certification (EU=U-CC001)
- 65 Nitrogen oxides emission rate calculation
- 66 Methods for determining compliance with the sulfur content standard
- 67 Requirement for analysis of Nitrogen and Sulfur in fuel
- 68 Applicability of the Title IV Acid Rain Regulations to a  
"new" generator unit which consists of multiple emission  
sources.
- 69 Compliance Certification (EU=U-CC001,Proc=PC1)
- 70 Compliance Certification (EU=U-CC001,Proc=PC3)
- 71 Compliance Certification (EU=U-CC001,EP=CC001)
- 72 Compliance Certification (EU=U-CC001,EP=CC001)
- 73 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC1)
- 74 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC1)
- 75 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC1)
- 76 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC1)
- 77 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC1)
- 78 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC1)
- 79 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC2)
- 80 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC2)
- 81 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC2)
- 82 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC2)
- 83 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC2)
- 84 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC2)
- 85 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC2)



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

- 86 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC3)
- 87 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC3)
- 88 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC3)
- 89 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC3)
- 90 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC3)
- 91 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC3)
- 92 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC4)
- 93 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC4)
- 94 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC4)
- 95 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC4)
- 96 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC4)
- 97 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC4)
- 98 Compliance Certification (EU=U-CC001,EP=CC001,Proc=PC4)

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 99 General Provisions
- 100 Permit Exclusion Provisions
- 101 Contaminant List
- 102 Air pollution prohibited

Classification Code:

4911 - ELECTRIC SERVICES

Permit Effective Date: 10/25/2001

Permit Expiration Date: 10/25/2006



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 1: Sealing**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 200.5**

**Item 1.1:**

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

(b) No person shall operate any air contamination source sealed by the commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

**Condition 2: Acceptable ambient air quality**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 200.6**

**Item 2.1:**

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the commissioner shall specify the degree and/or method of emission control required.

**Condition 3: Maintenance of equipment**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 200.7**

**Item 3.1:**

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.



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Condition 4: Unpermitted Emission Sources**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.2**

**Item 4.1:**

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Condition 5: Unavoidable Noncompliance and Violations**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 5.1:**

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 or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

(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.

**Condition 6: Emergency Defense**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.5**

**Item 6.1:**

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.

**Condition 7: Recycling and Salvage**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Item 7.1:**

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 6 NYCRR.

**Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 8.1:**

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 9: Public Access to Recordkeeping for Title V facilities**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-1.10(b)**

**Item 9.1:**

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

**Condition 10: Proof of Eligibility**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 10.1:**

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 6 NYCRR Subpart 201-3. 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 6 NYCRR Subpart 201-3, 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 11: Proof of Eligibility**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 11.1:**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

201-3. 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 6 NYCRR Subpart 201-3, 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 12: Applicable Criteria, Limits, Terms, Conditions and Standards**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 12.1:**

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

**Item 12.2:**

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

**Condition 13: Cessation or Reduction of Permitted Activity Not a Defense**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 13.1:**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

**Condition 14: Compliance Requirements**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Item 14.1:**

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 the responsible official, consistent with Section 201-6.3 of Part 201.

**Item 14.2:**

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

**Item 14.3:**

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 15: Federally-Enforceable Requirements**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 15.1:**

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.

**New York State Department of Environmental Conservation**

Permit ID: 2-6304-00024/00039

Facility DEC ID: 2630400024



**Condition 16: Fees**  
Effective between the dates of 10/25/2001 and 10/25/2006

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

**Item 16.1:**

The permittee shall pay the required fees associated with this permit.

**Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements**  
Effective between the dates of 10/25/2001 and 10/25/2006

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

**Item 17.1:**

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, 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 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements**  
Effective between the dates of 10/25/2001 and 10/25/2006

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

**Item 18.1:**

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 relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee 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. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

**Condition 19: Permit Shield**  
Effective between the dates of 10/25/2001 and 10/25/2006

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Item 19.1:**

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

**Condition 20: Property Rights**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 20.1:**

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

**Condition 21: Reopening for Cause**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 21.1:**

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

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.

**Item 21.2:**

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.

**Item 21.3:**

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

**Condition 22: Right to Inspect**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 22.1:**

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

i. Enter upon the permittee's premises where the permitted facility 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 facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 23: Severability**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 23.1:**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



challenge, the remainder of this permit shall continue to be valid.

**Condition 24: Emission Unit Definition**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 24.1:**

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

Emission Unit: U-CC001

Emission Unit Description:

EMISSION UNIT UCC001 REPRESENTS ONE GE S107FA COMBUSTION TURBINE RATED AT 1779 MMBTU/HR WHEN FIRING NATURAL GAS (THE PRIMARY FUEL) AT 54.6 DEGREES FAHRENHEIT AND 2028 MMBTU/HR WHEN FIRING KEROSENE (BACK-UP FUEL) AT -5 DEGREES FAHRENHEIT. THE COMBUSTION TURBINE IS EQUIPPED WITH A DUCT BURNER RATED AT 644 MMBTU/HR (HIGH HEATING VALUE) WHILE FIRING NATURAL GAS. THE COMBINED CYCLE FACILITY GENERATES APPROXIMATELY 250 MW OF POWER.

Building(s): CCRAV01

**Condition 25: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 25.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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.



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

All required reports must be certified by the responsible official for this facility.

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 26: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 26.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

- the identification of each term or condition of the

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



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.

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.

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 Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

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

The address for the RAPCE is as follows:

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

The address for the BCME is as follows:

NYSDEC



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

Bureau of Compliance Monitoring  
and Enforcement  
625 Broadway  
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/02.

0 Subsequent reports are due on the same day each year

**Condition 27: Permit Exclusion Provisions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 27.1:**

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

**Condition 28: Required emissions tests**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 202-1.1**

**Item 28.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

**Condition 29: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 29.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 29.2:**

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 30: Recordkeeping requirements**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 30.1:**

(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 31: Permit requirements.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Item 31.1:** The NOx authorized account representative of each NOx budget unit shall submit to the Department a complete NOx Budget permit application (as defined under Section 204-3.3) by May 1, 2002 or 12 months before the date on which the NOx Budget unit commences operation.

**Condition 32: Submittal of Episode Action Plans**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 207.**

**Item 32.1:**

An episode action plan must be submitted for approval by the Department in accordance with the requirements of 6NYCRR Part 207. The plan shall contain detailed steps which will be taken by the facility to reduce air contaminant emissions during each stage of an air pollution episode. Once approved, the facility shall take whatever actions are prescribed by the episode action plan when an air pollution episode is in effect.

**Condition 33: Visible emissions limited.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 33.1:**

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

**Condition 34: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 34.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 34.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY  
Upper Permit Limit: 57 percent



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: ONE CONTINUOUS 6-MINUTE PERIOD PER  
HOUR

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 35: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 211.3**

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 35.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
  - weather condition
  - was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

**New York State Department of Environmental Conservation**

Permit ID: 2-6304-00024/00039

Facility DEC ID: 2630400024



3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**\*\* NOTE \*\*** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 36: Open Fires Prohibited at Industrial and Commercial Sites  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 215.**

**Item 36.1:**

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

**Condition 37: Compliance Certification  
Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 37.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

KEYSPAN ENERGY WILL UTILIZE DISTILLATE FUEL OIL CONTAINING A MAXIMUM 0.2% SULFUR BY WEIGHT AT THE FACILITY, UNLESS PERMIT RESTRICTIONS IMPOSE ADDITIONAL SULFUR LIMITS ON A UNIT-SPECIFIC BASIS. KEYSPAN ENERGY IS PROPOSING COMPLIANCE BY TAKING A SAMPLE OF DISTILLATE OIL FROM BULK STORAGE TANK PRIOR TO EACH SERIES OF DELIVERIES, AND TESTING THE SAMPLE FOR SULFUR CONTENT.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OIL (NOT ELSEWHERE CLASSIFIED)

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.20 percent by weight

Reference Test Method: ASTM METHOD D4292

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 every 6 calendar months (January - June, July - December)

**Condition 38:    Sampling, compositing, and analysis of fuel samples  
Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 38.1:**

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

**Condition 39:    Notification/Reporting requirements  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.4**

**Item 39.1:**



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

At least sixty (60) days prior to the scheduled commence operation date of the proposed source project or proposed major facility, the permittee shall submit any changes to the list of offset sources included in this permit. For each such change, the applicant must submit another "Use of Emission Reduction Credits Form" signed by the applicant and an authorized representative of the new offset source.

**Item 39.2:**

The facility shall submit to the DEC Regional office a letter of confirmation that each future emission reduction, if any, used to provide emission offsets for this facility has physically occurred. This letter should be submitted, not less than 10 working days, prior to the facility's scheduled start-up date.

**Item 39.3:**

This permit shall be subject to revocation if construction is not commenced within 18 months from the date of issuance of such permit or if construction is discontinued for a period of 18 months or more (excluding any period of time that the permit is subject to challenge in State or Federal court), or if construction is not completed within a reasonable time acceptable to the Department.

**Condition 40: Emission offset requirements - NOx**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.4**

**Item 40.1:**

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

Facility Name	DEC ID	ERCs (tpy)
_____	1-2822-00481	185

**Condition 41: Emission offset requirements - VOC**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.4**

**Item 41.1:**

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

Facility Name	DEC ID	ERCs (tpy)
3M Bristol, PA	N/A	145

**Condition 42: Date of construction notification.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Item 42.1:**

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

- 1) a notification of the date construction or reconstruction commenced, postmarked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, postmarked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR 60. The notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, postmarked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and
- 7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, postmarked not less than 30 days prior to the performance test.

**Condition 43: Recordkeeping requirements.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 43.1:**

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

**Condition 44: Excess emissions report.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 44.1:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

**Condition 45: Excess emissions report.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 45.1:**

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

**Condition 46: Opacity standard compliance testing.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A**

**Item 46.1:**

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

- 1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60 (or an equivalent method approved by the Administrator including continuous opacity monitors);
- 2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and
- 3) all other applicable conditions cited in section 60.11 of this part.

**Condition 47: Monitoring requirements.**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 47.1:**

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Condition 48: Recycling and Emissions Reduction**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 82, Subpart F**

**Item 48.1:**

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- 7
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

**Condition 49: Emission Point Definition By Emission Unit**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 49.1:**

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

Emission Unit: U-CC001

Emission Point: CC001

Height (ft.): 400                      Diameter (in.): 222  
NYTMN (km.): 4512.613    NYTME (km.): 588.961    Building: CCRAV01

**Condition 50: Process Definition By Emission Unit**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



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

**Item 50.1:**

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

Emission Unit: U-CC001

Process: PC1

Source Classification Code: 2-01-002-01

Process Description:

EMISSION UNIT UCC001 REPRESENTS A GE S107FA COMBUSTION TURBINE RATED AT 1779 MMBTU/HR WHEN FIRING NATURAL GAS (THE PRIMARY FUEL) AT 54.6 DEGREES FAHRENHEIT OPERATING AT 50-100% LOAD. PROCESS PC1 FOR EMISSION UNIT UCC001 REPRESENTS NATURAL GAS FIRING IN THE TURBINE AND NO DUCT BURNER FIRING. FOR THIS PROCESS DRY LOW NO<sub>x</sub> BURNERS AND SELECTIVE CATALYTIC REDUCTION ARE USED TO CONTROL NO<sub>x</sub> EMISSIONS. EMISSIONS OF VOC AND CO ARE CONTROLLED THROUGH THE USE OF AN OXIDATION CATALYST. TOTAL THROUGHPUT VALUES LISTED BELOW REPRESENT MAXIMUM NATURAL GAS USE FOR THE SHORT-TERM (HOURLY) BASIS WHILE THE ANNUAL QUANTITY PER YEAR OF NATURAL GAS REPRESENTS TURBINE OPERATIONS AT THE AVERAGE ANNUAL TEMPERATURE (54.6 DEGREES FAHRENHEIT).

Emission Source/Control: ESCC1 - Combustion

Design Capacity: 2,028 million Btu per hour

Emission Source/Control: 00OX1 - Control

Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0DLN1 - Control

Control Type: DRY LOW NO<sub>x</sub> BURNER

Emission Source/Control: 0SCR1 - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

**Item 50.2:**

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

Emission Unit: U-CC001

Process: PC2

Source Classification Code: 2-01-009-01

Process Description:

EMISSION UNIT UCC001 REPRESENTS A GE

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



S107FA COMBUSTION TURBINE RATED AT 2028 MMBTU/HR WHEN FIRING KEROSENE (BACK-UP FUEL) AT -5 DEGREES FAHRENHEIT OPERATING AT 50-100% LOAD. PROCESS PC2 FOR EMISSION UNIT UCC001 REPRESENTS KEROSENE FIRING IN THE TURBINE AND NO DUCT BURNER FIRING. FOR THIS PROCESS DRY LOW NO<sub>x</sub> BURNERS SELECTIVE CATALYTIC REDUCTION ARE USED TO CONTROL NO<sub>x</sub> EMISSIONS. EMISSIONS OF VOC AND CO ARE CONTROLLED THROUGH THE USE OF AN OXIDATION CATALYST. KEROSENE USE WILL BE LIMITED TO 11.32 MILLION GALLONS PER YEAR, WHICH IS EQUIVALENT TO 720 HOURS PER YEAR OF OPERATION. MAXIMUM TOTAL THROUGHPUT OF KEROSENE ON AN HOURLY BASIS, REPRESENTS TURBINE OPERATIONS AT -5 DEGREES FAHRENHEIT AT FULL LOAD.

Emission Source/Control: ESCC1 - Combustion  
Design Capacity: 2,028 million Btu per hour

Emission Source/Control: 00OX1 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0DLN1 - Control  
Control Type: DRY LOW NO<sub>x</sub> BURNER

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

**Item 50.3:**

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

Emission Unit: U-CC001

Process: PC3

Source Classification Code: 2-01-002-01

Process Description:

EMISSION UNIT UCC001 REPRESENTS A GE S107FA COMBUSTION TURBINE RATED AT 1779 MMBTU/HR WHEN FIRING NATURAL GAS (THE PRIMARY FUEL) AT 54.6 DEGREES FAHRENHEIT OPERATING AT 50-100% LOAD. THE COMBUSTION TURBINE IS EQUIPPED WITH A DUCT BURNER RATED AT 644 MMBTU/HR WHILE FIRING NATURAL GAS. PROCESS PC3 FOR EMISSION UNIT UCC001 REPRESENTS NATURAL GAS FIRING IN THE GAS TURBINE AND DUCT BURNER. FOR THIS PROCESS DRY LOW NO<sub>x</sub> BURNERS AND SELECTIVE CATALYTIC REDUCTION ARE USED TO CONTROL NO<sub>x</sub>

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



EMISSIONS. EMISSIONS OF VOC AND CO ARE CONTROLLED THROUGH THE USE OF AN OXIDATION CATALYST. TOTAL THROUGHPUT VALUES LOCATED BELOW REPRESENT NATURAL GAS USE FOR THE SHORT-TERM (HOURLY) BASIS WHILE THE ANNUAL QUANTITY PER YEAR OF NATURAL GAS REPRESENTS TURBINE OPERATIONS AT THE AVERAGE ANNUAL TEMPERATURE (54.6 DEGREES FAHRENHEIT).

Emission Source/Control: ODB01 - Combustion  
Design Capacity: 644 million Btu per hour

Emission Source/Control: ESCC1 - Combustion  
Design Capacity: 2,028 million Btu per hour

Emission Source/Control: 00OX1 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0DLN1 - Control  
Control Type: DRY LOW NO<sub>x</sub> BURNER

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

**Item 50.4:**

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

Emission Unit: U-CC001

Process: PC4

Source Classification Code: 2-01-009-01

Process Description:

EMISSION UNIT UCC001 REPRESENTS A GE S107FA COMBUSTION TURBINE RATED AT 2028 MMBTU/HR WHEN FIRING KEROSENE (BACK-UP FUEL) AT -5 DEGREES FAHRENHEIT OPERATING AT 85-100% LOAD. THE COMBUSTION TURBINE IS EQUIPPED WITH A DUCT BURNER RATED AT 644 MMBTU/HR WHILE FIRING NATURAL GAS. PROCESS PC4 FOR EMISSION UNIT UCC001 REPRESENTS KEROSENE FIRING IN THE GAS TURBINE, WHILE NATURAL GAS IS FIRED IN THE DUCT BURNER. FOR THIS PROCESS DRY LOW NO<sub>x</sub> BURNERS AND SELECTIVE CATALYTIC REDUCTION ARE USED TO CONTROL NO<sub>x</sub> EMISSIONS. EMISSIONS OF VOC AND CO ARE CONTROLLED THROUGH THE USE OF AN OXIDATION CATALYST. KEROSENE USE WILL BE LIMITED TO 11.32 MILLION GALLONS PER YEAR, WHICH IS EQUIVALENT TO 720 HOURS PER YEAR OF



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

OPERATION. MAXIMUM TOTAL THROUGHPUT OF  
KEROSENE, ON AN HOURLY BASIS, REPRESENTS  
TURBINE OPERATIONS AT -5 D F AT FULL LOAD.

Emission Source/Control: ODB01 - Combustion  
Design Capacity: 644 million Btu per hour

Emission Source/Control: ESCC1 - Combustion  
Design Capacity: 2,028 million Btu per hour

Emission Source/Control: 00OX1 - Control  
Control Type: CATALYTIC OXIDATION

Emission Source/Control: 0DLN1 - Control  
Control Type: DRY LOW NO<sub>x</sub> BURNER

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

**Condition 51: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 201-7.1**

**Item 51.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

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

**Item 51.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:  
KEYSPAN ENERGY IS PROPOSING A FUEL  
SULFUR LIMIT OF 0.04 PERCENT BY WEIGHT TO  
BE TESTED EACH TIME THE TANK IS FILLED.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.04 percent by weight  
Reference Test Method: ASTM METH D4292  
Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



**CHANGE**

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 52: Compliance Certification**

**0 Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.**

**Item 52.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

Regulated Contaminant(s):

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

**Item 52.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

142 TONS PER YEAR NO<sub>x</sub> EMISSION LIMIT.

KEYSPAN ENERGY WILL USE A CEM TO MONITOR  
NO<sub>x</sub> EMISSIONS AT THE STACK.

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 142 tons per year

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June,  
July - September, October - December)

**Condition 53: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.**

**Item 53.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

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

**Item 53.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
99.2 TONS PER YEAR VOC EMISSION LIMIT.  
KEYSPAN ENERGY WILL SHOW COMPLIANCE WITH  
VOC EMISSIONS BY STACK TESTING.

Parameter Monitored: VOC  
Upper Permit Limit: 99.2 tons per year  
Reference Test Method: Method 25A  
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT  
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 54: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 54.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

Regulated Contaminant(s):  
CAS No: 007664-93-9 SULFURIC ACID

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES  
Monitoring Description:  
KEYSPAN ENERGY WILL BURN NATURAL GAS AS  
A PRIMARY FUEL IN THE COMBUSTION TURBINE  
AND AS THE ONLY FUEL IN THE DUCT BURNER.  
AN APPROVABLE ALTERNATIVE MONITORING  
METHOD INCLUDING FUEL FLOW AND FUEL  
SULFUR CONTENT WILL BE DEVELOPED AND  
SUBMITTED WITHIN 30 DAYS OF ISSUANCE OF  
THIS PERMIT.

Reference Test Method: Method 8



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 55: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 55.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ALTERNATE FUEL USAGE (KEROSENE) IN THE  
COMBUSTION TURBINE IS LIMITED TO 11.32  
MILLION GALLONS PER YEAR. AN APPROVABLE  
ALTERNATIVE MONITORING METHOD INCLUDING  
FUEL FLOW AND FUEL SULFUR CONTENT WILL BE  
DEVELOPED AND SUBMITTED WITHIN 30 DAYS OF  
ISSUANCE OF THIS PERMIT.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL  
CHANGE

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after every calendar year.

**Condition 56: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 56.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

Regulated Contaminant(s):



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

CAS No: 007446-09-5    SULFUR DIOXIDE

**Item 56.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

KEYSPAN ENERGY WILL BURN NATURAL GAS AS A PRIMARY FUEL IN THE COMBUSTION TURBINE AND AS THE ONLY FUEL IN THE DUCT BURNER. AN APPROVABLE ALTERNATIVE MONITORING METHOD INCLUDING FUEL FLOW AND FUEL SULFUR CONTENT WILL BE DEVELOPED AND SUBMITTED WITHIN 30 DAYS OF ISSUANCE OF THIS PERMIT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 57: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 57.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

Regulated Contaminant(s):

CAS No: 007440-41-7    BERYLLIUM

**Item 57.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

KEYSPAN ENERGY WILL BURN NATURAL GAS AS A PRIMARY FUEL IN THE COMBUSTION TURBINE AND AS THE ONLY FUEL IN THE DUCT BURNER. THE FLOW OF KEROSENE TO THE TURBINES SHALL BE CONTINUOUSLY MONITORED.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**New York State Department of Environmental Conservation**

Permit ID: 2-6304-00024/00039

Facility DEC ID: 2630400024



**Condition 58: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 58.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

**Item 58.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

ALTERNATE FUEL USAGE (KEROSENE) IN THE  
COMBUSTION TURBINE IS LIMITED TO 11.32  
MILLION GALLONS PER YEAR. AN APPROVABLE  
ALTERNATIVE MONITORING METHOD INCLUDING  
FUEL FLOW AND FUEL SULFUR CONTENT WILL BE  
DEVELOPED AND SUBMITTED WITHIN 30 DAYS OF  
ISSUANCE OF THIS PERMIT.

Parameter Monitored: KEROSENE

Upper Permit Limit: 11.32 million gallons

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL  
CHANGE

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 59: Applicability of General Provisions of 40 CFR 60 Subpart A**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60, NSPS Subpart A**

**Item 59.1:**

This Condition applies to Emission Unit: U-CC001

**Item 59.2:**

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



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

**Condition 60: Performance testing timeline.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 60.1:**

This Condition applies to Emission Unit: U-CC001

**Item 60.2:**

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

**Condition 61: Circumvention.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A**

**Item 61.1:**

This Condition applies to Emission Unit: U-CC001

**Item 61.2:**

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

**Condition 62: Standard for nitrogen oxides.**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.332(a)(1), NSPS Subpart GG**

**Item 62.1:**

This Condition applies to Emission Unit: U-CC001

**Item 62.2:**

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

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

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

F = nitrogen oxide emission allowance for fuel bound nitrogen:

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Fuel bound nitrogen (% by weight)	F (NO <sub>x</sub> % by volume)
N ≤ 0.015	0
0.015 < N ≤ 0.1	0.04(N)
0.1 < N ≤ 0.25	0.004 + 0.0067(N-0.1)
N > 0.25	0.005

**Condition 63: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 63.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

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:

KEYSPAN ENERGY IS PROPOSING TO USE A CEM  
FOR NOX TO SATISFY SUBPART GG  
REQUIREMENTS.

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.038 pounds per million Btus

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June,  
July - September, October - December)

**Condition 64: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 64.1:**

The Compliance Certification activity will be performed for:

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Emission Unit: U-CC001

**Item 64.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A custom fuel monitoring plan will be submitted by KeySpan prior to commencement of operation of the gas turbine. Records of fuel supply and sample analysis for the determination of sulfur and nitrogen content in the fuel shall be kept and retained for a period of three (5) years and be available for inspection by personnel of federal, state and local air pollution control agencies.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 65: Nitrogen oxides emission rate calculation**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.335(c)(1), NSPS Subpart GG**

**Item 65.1:**

This Condition applies to Emission Unit: U-CC001

**Item 65.2:**

The owner or operator shall determine compliance with the nitrogen oxide (NO<sub>x</sub>) standard using the following equation:

$$NO_x = (NO_{x0}) \left( \frac{Pr}{Po} \right)^{0.5} e^{19(Ho-0.00633)} (288 \text{ degrees K}/Ta)^{1.53}$$

Where:

NO<sub>x</sub> = emission rate of NO<sub>x</sub> at 15 % O<sub>2</sub> and ISO standard ambient conditions, volume percent.

NO<sub>x0</sub> = observed NO<sub>x</sub> concentration, ppm by volume.

Pr = reference combustor inlet absolute pressure at 101.3 kilopascals ambient pressure, mm Hg.

Po = observed combustor inlet absolute pressure at test, mm Hg.

Ho = observed humidity of ambient air, g H<sub>2</sub>O/g air.

e = 2.718

Ta = ambient temperature, degrees K.

**Condition 66: Methods for determining compliance with the sulfur content standard**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**New York State Department of Environmental Conservation**

Permit ID: 2-6304-00024/00039

Facility DEC ID: 2630400024



**Applicable Federal Requirement: 40CFR 60.335(d), NSPS Subpart GG**

**Item 66.1:**

This Condition applies to Emission Unit: U-CC001

**Item 66.2:**

The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.335(b) as follows:

ASTM D 2880-71 for liquid fuels and ASTM 1072-80, D 3031-81, D 4084-82, or D 3246-81 for gaseous fuels.

**Condition 67: Requirement for analysis of Nitrogen and Sulfur in fuel  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 60.335(e), NSPS Subpart GG**

**Item 67.1:**

This Condition applies to Emission Unit: U-CC001

**Item 67.2:**

To meet the requirements 40 CFR 60.334(b), the owner or operator shall use methods specified in 40 CFR 335(a) and (d) to determine the nitrogen and sulfur content of fuels being burned. The analysis may be performed by the owner or operator, a service contractor, the fuel vendor, or any qualified agency.

**Condition 68: Applicability of the Title IV Acid Rain Regulations to a  
"new" generator unit which consists of multiple emission  
sources.  
Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 68.1:**

This Condition applies to Emission Unit: U-CC001

**Item 68.2:**

This emission source is part of an affected unit and is subject to the requirements of the Acid Rain Program. These requirements are included in 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78.

**Condition 69: Compliance Certification  
Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 75.11(d), Subpart B**

**Item 69.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001  
Process: PC1

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 69.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

0.0071 POUNDS PER MILLION BTUS OF SULFUR  
DIOXIDE FOR GAS TURBINE WITH NO DUCT  
FIRING NATURAL GAS. AN APPROVABLE  
ALTERNATIVE (TO CEM) MONITORING METHOD  
INCLUDING FUEL FLOW AND FUEL SULFUR  
CONTENT WILL BE DEVELOPED AND SUBMITTED  
WITHIN 30 DAYS OF ISSUANCE OF THIS  
PERMIT.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 0.0071 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 70: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 75.11(d), Subpart B**

**Item 70.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001

Process: PC3

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 70.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

0.0071 POUNDS PER MILLION BTUs OF SULFUR



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

DIOXIDE FOR GAS TURBINE WITH DUCT FIRING  
NATURAL GAS. AN APPROVABLE ALTERNATIVE  
(TO CEM) MONITORING METHOD INCLUDING FUEL  
FLOW AND FUEL SULFUR CONTENT WILL BE  
DEVELOPED AND SUBMITTED WITHIN 30 DAYS OF  
ISSUANCE OF THIS PERMIT.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 0.0071 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 71: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 71.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

**Item 71.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall  
emit greater than 20 percent opacity except for one six  
minute period per hour, not to exceed 27 percent, based  
upon the six minute average utilizing a continuous opacity  
monitor (COM).

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June,  
July - September, October - December)

**Condition 72: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



**Applicable Federal Requirement: 40CFR 75.11(e), Subpart B**

**Item 72.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

**Item 72.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

0 Monitoring Description:

FACILITY KEROSENE USE WILL BE LIMITED TO AN EQUIVALENT OF 720 FULL POWER HRS/YR OR 8.2% OF ANNUAL POTENTIAL SINCE FACILITY QUALIFIES AS A "PRIMARY NATURAL GAS FIRED" (UNDER 40CFR 72.2), CONTINUOUS EMISSION MONITORING OF SO<sub>2</sub> IS NOT REQUIRED. AN APPROVABLE ALTERNATIVE MONITORING METHOD INCLUDING FUEL FLOW AND FUEL SULFUR CONTENT WILL BE DEVELOPED AND SUBMITTED WITHIN 30 DAYS OF ISSUANCE OF THIS PERMIT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 73: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 73.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC1

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

**Item 73.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

2 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) NO<sub>x</sub> EMISSION

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



LIMIT DURING NATURAL GAS FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL WITH NO FUEL FIRING IN THE DUCT BURNER. KEYSpan ENERGY WILL USE CEM TO MONITOR NO<sub>x</sub> EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 2.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 74: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 74.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC1

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

**Item 74.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



**Monitoring Description:**

1.2 parts per million by volume (dry, corrected to 15% O<sub>2</sub>) VOC EMISSION LIMIT DURING NATURAL GAS FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL WITH NO FUEL FIRING IN THE DUCT BURNER. KEYSpan ENERGY WILL SHOW COMPLIANCE WITH VOC EMISSIONS LIMIT BY STACK TESTING.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: VOC

Upper Permit Limit: 1.2 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

ard Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 75: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 75.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 75.2:**

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

2 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) CO EMISSION LIMIT DURING NATURAL GAS FIRING IN THE TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL WITH NO FIRING IN THE DUCT BURNER. THIS EMISSION LIMIT APPLIES AT ALL LOADS. KEYSpan ENERGY WILL USE CEM TO MONITOR CO EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 2.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 76: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 76.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC1



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

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

**Item 76.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

5 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) AMMONIA EMISSION LIMIT DURING NATURAL GAS FIRING IN THE TURBINE WITH NO FUEL FIRING IN THE DUCT BURNER. THIS EMISSION LIMIT APPLIES AT ALL LOADS EXCEPT DURING STARTUP AND SHUTDOWN (NOT TO EXCEED THREE HOURS PER OCCURENCE). AMMONIA EMISSIONS WILL BE CONTROLLED THROUGH PROPER OPERATION OF THE SCR.

Manufacturer Name/Model Number: Continuous Emissions Monitor

Parameter Monitored: AMMONIA

Upper Permit Limit: 5.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 77: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 77.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC1

Regulated Contaminant(s):  
CAS No: 007664-93-9 SULFURIC ACID

**Item 77.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

0.0022 pounds per million Btus OF  
SULFURIC ACID FOR THE GAS TURBINE ALONE  
(DUCT BURNER OFF) FIRING NATURAL GAS.

Parameter Monitored: SULFURIC ACID

Upper Permit Limit: 0.0022 pounds per million Btus

Reference Test Method: Method 8

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 78: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 78.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC1

Regulated Contaminant(s):

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

**Item 78.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

0.021 LB/MMBTU PM-10 EMISSION LIMIT DURING NATURAL GAS FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL WITH NO FIRING IN THE DUCT BURNER. KEYSpan ENERGY WILL SHOW COMPLIANCE WITH PM-10 EMISSION LIMIT BY STACK TESTING.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

201- 1.4 "Unavoidable Non-compliance and Violations and/or  
6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: PM-10

Upper Permit Limit: 0.021 pounds per million Btus

Reference Test Method: METH201/201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 79: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 79.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 79.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

3 parts per million by volume (dry, corrected to 15% O<sub>2</sub>)

VOC EMISSION LIMIT DURING KEROSENE FIRING IN THE GAS

TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL WITH

NO FUEL FIRING IN THE DUCT BURNER. KEYSpan ENERGY WILL

SHOW COMPLIANCE WITH VOC LIMIT BY STACK TESTING.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit.

There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC

Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

201- 1.4 "Unavoidable Non-compliance and Violations and/or  
6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: VOC

Upper Permit Limit: 3.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 80: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 80.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC2

Regulated Contaminant(s):

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

**Item 80.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

9 PPM (BY VOLUME, DRY, CORRECTED TO 15%O<sub>2</sub>) NO<sub>x</sub> EMISSION  
LIMIT DURING KEROSENE FIRING IN THE GAS TURBINE BASED UPON  
p0 HIGH HEATING VALUE (HHV) OF FUEL WITH NO FUEL FIRING IN  
THE DUCT BURNER. KEYSpan ENERGY WILL USE A CEM TO MONITOR  
NO<sub>x</sub> EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions  
monitors systems (CEMS) shall constitute violations of the  
applicable emissions standards established in the permit.  
There may exist periods of emissions during start-up,  
shutdown and equipment malfunction when, despite best  
efforts regarding planning, design, and operating  
procedures the otherwise applicable emission limitations  
cannot be met. At the discretion of the NYSDEC  
Commissioner and the EPA, these violations may be excused  
if the company adheres to the actions and record keeping



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 81: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 81.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC2

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

**Item 81.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

0.057 LB/MMBTU PM-10 EMISSION LIMIT DURING KEROSENE FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL WITH NO FUEL FIRING IN THE DUCT BURNER. KEYSpan ENERGY WILL SHOW COMPLIANCE WITH PM-10 EMISSIONS LIMIT BY STACK TESTING.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: PM-10

Upper Permit Limit: 0.057 pounds per million Btus

Reference Test Method: METH201/201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 82: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 82.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 82.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

5 PPM (BY VOLUME, DRY, CORRECTED TO 15%O<sub>2</sub>) CO EMISSION LIMIT DURING KEROSENE FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL WITH NO FUEL FIRING IN THE DUCT BURNER. KEYSpan ENERGY WILL USE A CEM TO MONITOR CO EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: APPENDIX F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 83: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 83.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC2

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

**Item 83.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

5 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) AMMONIA EMISSION LIMIT DURING KEROSENE FIRING IN THE TURBINE WITH NO FUEL FIRING IN THE DUCT BURNER. THIS EMISSION LIMIT APPLIES AT ALL LOADS EXCEPT DURING STARTUP AND SHUTDOWN (NOT TO EXCEED THREE HOURS PER OCCURENCE). AMMONIA EMISSIONS WILL BE CONTROLLED THROUGH PROPER OPERATION OF THE SCR.

Manufacturer Name/Model Number: Continuous Emissions Monitor

Parameter Monitored: AMMONIA

Upper Permit Limit: 5.0 parts per million by volume



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June,  
July - September, October - December)

**Condition 84: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 84.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC2

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

**Item 84.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

0.014 pounds per million Btus OF

SULFURIC ACID FOR THE GAS TURBINE ALONE

(DUCT BURNER OFF) FIRING KEROSENE.

Parameter Monitored: SULFURIC ACID

Upper Permit Limit: 0.014 pounds per million Btus

Reference Test Method: Method 8

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 85: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 75.11(e), Subpart B**

**Item 85.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Process: PC2

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 85.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

FACILITY KEROSENE USE WILL BE LIMITED TO AN EQUIVALENT OF 720 FULL POWER HRS/YR OR 8.2% OF ANNUAL POTENTIAL SINCE FACILITY QUALIFIES AS A "PRIMARY NATURAL GAS FIRED" (UNDER 40CFR 72.2), CONTINUOUS EMISSION MONITORING OF SO<sub>2</sub> IS NOT REQUIRED. AN APPROVABLE ALTERNATIVE MONITORING METHOD INCLUDING FUEL FLOW AND FUEL SULFUR CONTENT WILL BE DEVELOPED AND SUBMITTED WITHIN 30 DAYS OF ISSUANCE OF THIS PERMIT.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 0.044 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 86: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 86.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001    Emission Point: CC001

Process: PC3

Regulated Contaminant(s):

CAS No: 0NY998-00-0      VOC

**Item 86.2:**

Compliance Certification shall include the following monitoring:

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

7.6 parts per million by volume (dry, corrected to 15% O<sub>2</sub>) VOC EMISSION LIMIT DURING NATURAL GAS FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL. THIS EMISSION LIMIT APPLIES TO TURBINE AND THE DUCT BURNER OPERATING SIMULTANEOUSLY ON NATURAL GAS. KEYSpan ENERGY WILL SHOW COMPLIANCE WITH VOC EMISSIONS BY STACK TESTING.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: VOC

Upper Permit Limit: 7.6 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 87: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 87.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC3

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

**Item 87.2:**

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

3.1 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) NO<sub>x</sub> EMISSION LIMIT DURING NATURAL GAS FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL. THIS EMISSION LIMIT APPLIES TO TURBINE AND THE DUCT BURNER OPERATING SIMULTANEOUSLY ON NATURAL GAS. KEYSpan ENERGY WILL USE A CEM TO MONITOR NO<sub>x</sub> EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 3.1 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 88: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 88.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC3

Regulated Contaminant(s):

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



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

**Item 88.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

0 Monitoring Description:

0.021 LB/MMBTU PM-10 EMISSION LIMIT DURING NATURAL GAS FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL. THIS EMISSION LIMIT APPLIES TO TURBINE AND THE DUCT BURNER OPERATING SIMULTANEOUSLY ON NATURAL GAS. KEYSpan ENERGY WILL SHOW COMPLIANCE WITH PM-10 EMISSION LIMIT BY STACK TESTING.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: PM-10

Upper Permit Limit: 0.021 pounds per million Btus

Reference Test Method: METH201/201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 89: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 89.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC3

Regulated Contaminant(s):

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



CAS No: 000630-08-0 CARBON MONOXIDE

**Item 89.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

3.9 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) CO EMISSION LIMIT DURING NATURAL GAS FIRING IN THE GAS TURBINE BASED UPON HIGH HEATING VALUE (HHV) OF FUEL. THIS EMISSION LIMIT APPLIES TO TURBINE AND THE DUCT BURNER OPERATING SIMULTANEOUSLY ON NATURAL GAS. KEYSpan ENERGY WILL USE A CEM TO MONITOR CO EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 3.9 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 90: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 90.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

Process: PC3

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 90.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

5 PPM (BY VOLUME, DRY, CORRECTED TO 15% O2) AMMONIA EMISSION LIMIT DURING NATURAL GAS FIRING IN THE TURBINE WITH DUCT BURNER FIRING. THIS EMISSION LIMIT APPLIES AT ALL LOADS EXCEPT DURING STARTUP AND SHUTDOWN (NOT TO EXCEED THREE HOURS PER OCCURRENCE). AMMONIA EMISSIONS WILL BE CONTROLLED THROUGH PROPER OPERATION OF THE SCR.

Manufacturer Name/Model Number: Continuous Emissions Monitor

Parameter Monitored: AMMONIA

Upper Permit Limit: 5.0 parts per million by volume

0 (dry, corrected to 15% O2)

Reference Test Method: Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 91: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 91.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC3

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

**Item 91.2:**

Compliance Certification shall include the following monitoring:



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

0.0022 pounds per million Btus OF  
SULFURIC ACID FOR THE GAS TURBINE WITH A  
DUCT BURNER FIRING NATURAL GAS.

Parameter Monitored: SULFURIC ACID

Upper Permit Limit: 0.0022 pounds per million Btus

Reference Test Method: Method 8

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 92: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 92.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC4

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 92.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

9.7 parts per million by volume (dry, corrected to 15%  
O<sub>2</sub>) VOC EMISSION LIMIT DURING KEROSENE FIRING, WITH DUCT  
FIRING, BASED UPON HIGH HEATING VALUE (HHV) OF FUEL.  
KEYSPAN ENERGY WILL SHOW COMPLIANCE WITH VOC EMISSIONS BY  
STACK TESTING.

Excess emissions measured by the continuous emissions  
monitors systems (CEMS) shall constitute violations of the  
applicable emissions standards established in the permit.  
There may exist periods of emissions during start-up,  
shutdown and equipment malfunction when, despite best  
efforts regarding planning, design, and operating  
procedures the otherwise applicable emission limitations  
cannot be met. At the discretion of the NYSDEC  
Commissioner and the EPA, these violations may be excused

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: VOC

Upper Permit Limit: 9.7 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 93: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 6NYCRR 231-2.7(a)(1)**

**Item 93.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC4

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

**Item 93.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

9 PPM (BY VOLUME, DRY, CORRECTED TO 15%O<sub>2</sub>) NO<sub>x</sub> EMISSION LIMIT DURING KEROSENE FIRING BASED UPON HIGH HEATING VALUE (HHV) OF FUEL. THIS EMISSION LIMIT APPLIES TO THE TURBINE FIRING KEROSENE WHILE THE DUCT BURNER FIRES NATURAL GAS. KEYSpan ENERGY WILL USE A CEM TO MONITOR NO<sub>x</sub> EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Method 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June, July - September, October - December)

**Condition 94: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 94.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC4

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

**Item 94.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

0.057 LB/MMBTU PM-10 EMISSION LIMIT DURING KEROSENE FIRING BASED UPON HIGH HEATING VALUE (HHV) OF FUEL. THIS EMISSION LIMIT APPLIES TO THE TURBINE FIRING KEROSENE WHILE THE DUCT BURNER FIRES NATURAL GAS. KEYSpan ENERGY WILL SHOW COMPLIANCE WITH PM-10 EMISSION LIMIT BY STACK TESTING.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Parameter Monitored: PM-10

Upper Permit Limit: 0.057 pounds per million Btus

Reference Test Method: METH201/201A & 202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 95: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 95.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC4

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

**Item 95.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

5.4 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) CO EMISSION LIMIT DURING KEROSENE FIRING BASED UPON HIGH HEATING VALUE (HHV) OF FUEL. THIS EMISSION LIMIT APPLIES TO THE TURBINE FIRING KEROSENE WHILE THE DUCT BURNER FIRES NATURAL GAS. KEYSpan ENERGY WILL USE A CEM TO MONITOR CO EMISSIONS AT THE STACK.

Excess emissions measured by the continuous emissions monitors systems (CEMS) shall constitute violations of the applicable emissions standards established in the permit. There may exist periods of emissions during start-up, shutdown and equipment malfunction when, despite best

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



efforts regarding planning, design, and operating procedures the otherwise applicable emission limitations cannot be met. At the discretion of the NYSDEC Commissioner and the EPA, these violations may be excused if the company adheres to the actions and record keeping and reporting requirements established in 6 NYCRR Section 201- 1.4 "Unavoidable Non-compliance and Violations and/or 6 NYCRR Section 201- 1.5 "Emergency Defense."

Manufacturer Name/Model Number: CEM

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 5.4 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June,  
p0 July - September, October - December)

**Condition 96: Compliance Certification**

**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 96.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC4

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

**Item 96.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

5 PPM (BY VOLUME, DRY, CORRECTED TO 15% O<sub>2</sub>) AMMONIA EMISSION LIMIT DURING KEROSENE FIRING IN THE TURBINE WITH DUCT BURNER FIRING. THIS EMISSION LIMIT APPLIES AT ALL LOADS EXCEPT DURING STARTUP AND SHUTDOWN (NOT TO EXCEED THREE HOURS PER OCCURENCE). AMMONIA EMISSIONS WILL BE CONTROLLED THROUGH PROPER OPERATION OF THE SCR.

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



Manufacturer Name/Model Number: Continuous Emissions Monitor

Parameter Monitored: AMMONIA

Upper Permit Limit: 5.0 parts per million by volume  
(dry, corrected to 15% O<sub>2</sub>)

Reference Test Method: Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after each calendar quarter (January - March, April - June,  
July - September, October - December)

**Condition 97: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

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

**Item 97.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001

Process: PC4

Regulated Contaminant(s):

CAS No: 007664-93-9 SULFURIC ACID

**Item 97.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

0.014 pounds per million Btus OF  
SULFURIC ACID FOR THE GAS TURBINE WITH  
DUCT BURNER FIRING KEROSENE.

Parameter Monitored: SULFURIC ACID

Upper Permit Limit: 0.014 pounds per million Btus

Reference Test Method: Method 8

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 98: Compliance Certification**  
**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable Federal Requirement: 40CFR 75.11(e), Subpart B**

**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**



**Item 98.1:**

The Compliance Certification activity will be performed for:

Emission Unit: U-CC001 Emission Point: CC001  
Process: PC4

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

**Item 98.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

FACILITY KEROSENE USE WILL BE LIMITED TO  
AN EQUIVALENT OF 720 FULL POWER HRS/YR OR  
8.2% OF ANNUAL POTENTIAL SINCE FACILITY  
QUALIFIES AS A "PRIMARY NATURAL GAS  
FIRED" (UNDER 40CFR 72.2), CONTINUOUS  
EMISSION MONITORING OF SO2 IS NOT  
REQUIRED. AN APPROVABLE ALTERNATIVE  
MONITORING METHOD INCLUDING FUEL FLOW AND  
FUEL SULFUR CONTENT WILL BE DEVELOPED AND  
SUBMITTED WITHIN 30 DAYS OF ISSUANCE OF  
THIS PERMIT.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 0.044 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE MONITORING  
DESCRIPTION

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



**STATE ONLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**Condition 99: General Provisions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable State Requirement: 6NYCRR 201-5.**

**Item 99.1:**

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 99.2:**

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.

**Item 99.3:**

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

**Condition 100: Permit Exclusion Provisions**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable State Requirement: 6NYCRR 201-5.**

**Item 100.1:**

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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 by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.



**New York State Department of Environmental Conservation**

**Permit ID: 2-6304-00024/00039**

**Facility DEC ID: 2630400024**

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

**Condition 101: Contaminant List**

**Effective between the dates of 10/25/2001 and 10/25/2006**

**Applicable State Requirement: 6NYCRR 201-5.3(b)**

**Item 101.1:**

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

CAS No: 0NY998-00-0

Name: VOC

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 007664-93-9

Name: SULFURIC ACID

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Condition 102: Air pollution prohibited**

**Effective between the dates of 10/25/2001 and 10/25/2006**



**Applicable State Requirement: 6NYCRR 211.2**

**Item 102.1:**

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.