

New York State Department of Environmental Conservation
Facility DEC ID: 7050100099



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-0501-00099/00001
Effective Date: 06/28/2000 Expiration Date: No expiration date

Permit Issued To: NYS ELECTRIC & GAS CORP
PO BOX 5224-KIRKWOOD INDUSTRIAL PARK
BINGHAMTON, NY 13902-5224

Contact: NYS ELECTRIC & GAS CORP
PO BOX 5224-KIRKWOOD INDUSTRIAL PARK
BINGHAMTON, NY 13902-5224
(607) 762-8881

Facility: NYSEG AUBURN SUBSTATION
STATE STREET NORTH OF DIVISION STREET(RTE 38)
AUBURN, NY 13021

Contact: NYS ELECTRIC & GAS CORP
PO BOX 5224-KIRKWOOD INDUSTRIAL PARK
BINGHAMTON, NY 13902-5224
(607) 762-8881

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: ROBERT A TORBA
615 ERIE BLVD WEST
SYRACUSE, NY 13204-2400

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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 7
HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

Condition 3: Applications for Permit Renewals 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

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Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for 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 7
 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 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400



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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Facility: NYSEG AUBURN SUBSTATION
STATE STREET NORTH OF DIVISION STREET(RTE 38)
AUBURN, NY 13021

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

Permit Effective Date: 06/28/2000

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 201-6.1(a): Facility Permissible Emissions
- 13 6NYCRR 202-1.1: Required emissions tests
- 14 6NYCRR 211.3: Visible emissions limited.
- 15 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites

Emission Unit Level

- 16 6NYCRR 201-6.1(a): Process Permissible Emissions

EU=0-0000A,Proc=E01

- 17 40CFR 60.7(a), NSPS Subpart A: Date of construction notification.
- 18 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 19 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 20 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 21 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 22 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 23 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 24 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 25 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 26 40CFR 60.333(b), NSPS Subpart GG: Compliance Demonstration
- 30 40CFR 60.334(b)(2), NSPS Subpart GG: Compliance Demonstration
- 27 40CFR 60.334(c)(2), NSPS Subpart GG: Compliance Demonstration

EU=0-0000A,Proc=E01,ES=ENG01

- *28 6NYCRR 201-6.1(a): Compliance Demonstration
- *29 6NYCRR 201-6.1(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 31 6NYCRR 201-5: General Provisions
- 32 6NYCRR 201-5: Emission Unit Definition

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- 33 6NYCRR 201-5.3(b): Contaminant List
- 34 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 35 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 36 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing
Effective between the dates of 06/28/2000 and Permit Expiration Date

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 06/28/2000 and Permit Expiration Date

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 06/28/2000 and Permit Expiration Date

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.

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Condition 4: Unpermitted Emission Sources
Effective between the dates of 06/28/2000 and Permit Expiration Date

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 06/28/2000 and Permit Expiration Date

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



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of the emission rates.

(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 06/28/2000 and Permit Expiration Date

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 06/28/2000 and Permit Expiration Date



Applicable Federal Requirement: 6NYCRR 201-1.7

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 06/28/2000 and Permit Expiration Date

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
Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.10(a)

Item 9.1:

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Condition 10: Proof of Eligibility
Effective between the dates of 06/28/2000 and Permit Expiration Date

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



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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 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: Facility Permissible Emissions

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 12.1:

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

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

CAS No: 000630-08-0 PTE: 76,825 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY210-00-0 PTE: 63,072 pounds per year
Name: OXIDES OF NITROGEN

Condition 13: Required emissions tests

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 13.1:

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 14: Visible emissions limited.

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.3



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Item 14.1:

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 15: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 215

Item 15.1:

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.

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

Condition 16: Process Permissible Emissions
Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 16.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 0-0000A Process: E01

CAS No: 000630-08-0
Name: CARBON MONOXIDE
PTE(s): 8.77 pounds per hour
76,825 pounds per year

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 7.2 pounds per hour
63,072 pounds per year

Condition 17: Date of construction notification.
Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 17.1:



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This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 17.2:

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, post marked no later than 30 days after such date;
- 2) a notification of the anticipated date of initial start up, post marked not more than 60 days not less than 30 days prior to such date;
- 3) a notification of the actual date of initial start up, post marked 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 this part. The notice shall be post marked 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, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked 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, post marked not less than 30 days prior to the performance test.

Condition 18: Recordkeeping requirements.

Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 18.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 18.2:

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

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Condition 19: Facility files for subject sources.
Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 19.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 19.2:

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

Condition 20: Performance testing timeline.
Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 20.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 20.2:

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 21: Performance test methods.
Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 21.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 21.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 22: Required performance test information.
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Applicable Federal Requirement: 40CFR 60.8(c), NSPS Subpart A

Item 22.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 22.2:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 23: Prior notice.

Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 23.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 23.2:

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

Condition 24: Performance testing facilities.

Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 24.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 24.2:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 25: Number of required tests.

Effective between the dates of 06/28/2000 and Permit Expiration Date



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

Item 25.1:

This Condition applies to Emission Unit: 0-0000A
Process: E01

Item 25.2:

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 26: Compliance Demonstration
Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0000A
Process: E01

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

Item 26.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a stationary gas turbine subject to 40CFR60 Subpart GG shall burn in that turbine any fuel which contains sulfur in excess of 0.8 percent by weight. The owner or operator shall monitor sulfur content of the fuel being fired in the turbine according to the frequency specified in 40CFR60.334(b).

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.8 percent by weight
Reference Test Method: ASTM Method
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.



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The initial report is due 7/30/2000.
Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Demonstration
Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.334(b)(2), NSPS Subpart GG

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0000A
Process: E01

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a gas turbine which is supplied its fuel without intermediate bulk storage shall determine and record the sulfur content and nitrogen content of fuel being fired in the turbine daily. Owners, operators or fuel vendors may develop custom schedules for determination of these values. These custom schedules must be approved by the Administrator before they can be used to determine compliance with this requirement.

Reference Test Method: ASTM Methods

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2000.

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

Condition 27: Compliance Demonstration
Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.334(c)(2), NSPS Subpart GG

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0000A



New York State Department of Environmental Conservation

Permit ID: 7-0501-00099/00001

Facility DEC ID: 7050100099

Process: E01

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 27.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

For the purposes of the excess emissions and monitoring system performance report required by 40 CFR 60.7(c), any daily period during which the sulfur content of the fuel being fired in the gas turbine exceeds 0.8% shall be reported as a period of excess emissions.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.8 percent

Monitoring Frequency: DAILY

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2000.

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

Condition 28: Compliance Demonstration

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0000A

Process: E01

Emission Source: ENG01

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 28.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 7-0501-00099/00001

Facility DEC ID: 7050100099

CO concentration limit. This federally enforceable emission limit restricts the facility's potential CO emissions below the major facility threshold contained in 6 NYCRR Part 201-6.1(a). Stack testing for demonstrating compliance with this limit is required within 60 days of first achieving peak load, or within 180 days of first fire, whichever occurs sooner.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 50 parts per million by volume (dry, corrected to 15% O₂)

Reference Test Method: EPA RM 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 29: Compliance Demonstration
Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6.1(a)

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0000A

Process: E01

Emission Source: ENG01

Regulated Contaminant(s):

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

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NO_x concentration limit. This federally enforceable emission limit restricts the facility's potential NO_x emissions below the major facility thresholds contained in 6 NYCRR Part 201-6.1(a). This limit is more stringent than the Federal NSPS limit for this gas turbine. Stack testing for demonstrating compliance with this limit is required within 60 days of first achieving peak load, or within 180 days of first fire, whichever occurs sooner.

Parameter Monitored: OXIDES OF NITROGEN



New York State Department of Environmental Conservation

Permit ID: 7-0501-00099/00001

Facility DEC ID: 7050100099

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

Reference Test Method: EPA RM 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

New York State Department of Environmental Conservation

Permit ID: 7-0501-00099/00001

Facility DEC ID: 7050100099



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 31: General Provisions

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 31.1:

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 31.2:

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 31.3:

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 32: Emission Unit Definition

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 32.1:

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

Emission Unit: 0-0000A

Emission Unit Description:

ENG01 - ONE (1) TAURUS 70-T10301S NATURAL
GAS FIRED TRANSPORTABLE SIMPLE CYCLE
COMBUSTION TURBINE, MANUFACTURED BY SOLAR
TURBINES (A CATERPILLAR COMPANY).

Building(s): 01

Condition 33: Contaminant List



New York State Department of Environmental Conservation

Permit ID: 7-0501-00099/00001

Facility DEC ID: 7050100099

Effective between the dates of 06/28/2000 and Permit Expiration Date

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

Item 33.1:

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

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Condition 34: Air pollution prohibited

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 34.1:

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.

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

Condition 35: Emission Point Definition By Emission Unit

Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 35.1:

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

Emission Unit: 0-0000A

Emission Point: 00001

Height (ft.): 39

Diameter (in.): 54

NYTMN (km.): 4756.722 NYTME (km.): 371.331 Building: 01

New York State Department of Environmental Conservation

Permit ID: 7-0501-00099/00001

Facility DEC ID: 7050100099



Condition 36: Process Definition By Emission Unit
Effective between the dates of 06/28/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 36.1:

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

Emission Unit: 0-0000A

Process: E01

Source Classification Code: 2-01-002-09

Process Description:

ENG01 - ONE (1) SOLAR TURBINES MODEL
TAURUS 70-T10301S NATURAL GAS FIRED SIMPLE
CYCLE COMBUSTION TURBINE.

Emission Source/Control: ENG01 - Combustion

Design Capacity: 74.9 million Btu per hour