



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-2926-00016/00036
Mod 0 Effective Date: 08/30/1999 Expiration Date: 08/30/2004
Mod 1 Effective Date: 01/08/2001 Expiration Date: 08/30/2004
Mod 2 Effective Date: 12/14/2001 Expiration Date: 08/30/2004

Permit Issued To: LOCKPORT ENERGY ASSOCLP / FCILOCKPORT
5087 JUNCTION RD
LOCKPORT, NY 14094

Facility: LOCKPORT COGENERATION FACILITY
5087 JUNCTION ROAD
LOCKPORT, NY 14094

Contact: THOMAS J. GESICKI
LOCKPORT MERCHANT ASSOCIATES, LLC
5087 JUNCTION RD
LOCKPORT, NY 14094
(716) 439-1004

Description: Lockport Cogeneration Facility
Title V Permit
Site Description

The Lockport Cogeneration Facility in Lockport, New York, generates steam and electric power using three combustion turbine generators (CTGs) followed by three heat recovery steam generators (HRSGs) and a steam turbine generator (STG). The plant is designed to generate 168.8 megawatts (MW) of electricity while providing up to 315,800 pounds per hour (lb/hr) of process steam. The plant operates as a base load facility on a year-round basis and supplies all the electricity and steam required by the host facility (Delphi Harrison). The excess electric power is sold to the local utility (New York State Electric and Gas Corporation). A standby auxiliary boiler is used to supply process steam when one or more of the HRSGs is out of service or additional steam is required for process and NO_x control.

This permit is a minor modification of the existing Prevention of Significant Deterioration (PSD) and Title V permits to allow unrestricted hours of operation per year of the auxiliary boiler, emission unit U-00002, providing Continuous Emission Monitoring Systems (CEMS) are installed to monitor for NO_x, Carbon Monoxide (CO) and Oxygen. Previous operation was restricted to 876 hours per year without



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installation of the CEMS mentioned above. In addition, emissions of NOx and CO are capped annually at 18.3 tons and 11.9 tons, respectively, which represent no change in annual emissions from previously permitted levels for these compounds.

Lockport Cogen has divided the facility into three Emission Units for their Title V Permit. Emission Unit U-3GTDB consists of the three General Electric Model P-6541B Frame 6 CTGs which fire with natural gas or No.2 fuel oil. The three Nooter/Erickson HRSGs and duct burners which fire on natural gas are also part of this unit. Exhaust gases from each CTG/HRSG train are discharged to the atmosphere through separate 123 inch inside diameter (ID), 130-foot-tall exhaust stacks. If the economizer and superheater of a given CTG/HRSG train are not required, exhaust gases from that CTG are discharged through the 144- inchID, 100-foot-tall bypass stack of that given CTG/HRSG train.

Emission Unit U-00002 consists of the Babcock and Wilcox auxiliary boiler which is capable of firing natural gas or No.2 fuel oil. The auxiliary boiler has a maximum heat input of 210 mmBtu/hr and is provided with low NOx burners and gas recirculation. While firing natural gas exhaust gases from the boiler are discharged to the atmosphere through a 48-inch ID exhaust stack 135 feet above grade.

Emission Unit U-00003 consists of three Detroit Diesel/12VA-85431 starting engines. Each one of these engines is used to rotate the gas turbine to a speed at which it can fire. Exhaust gases from the diesels are discharged to the atmosphere through separate 8-inch ID, 8-foot-tall exhaust stacks.

This facility is an existing major source under the Prevention of Significant Deterioration (PSD) program. In addition, the facility's three gas turbines are subject to New Source Performance Standards (NSPS) Subpart GG, and the three duct burners and one auxiliary boiler are subject to NSPS Subpart Db. This Title V permit contains a complete listing of the applicable federal, state and compliance monitoring requirements for the facility, its emission units, processes and sources.

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: DAVID S. DENK
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2999

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

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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 9
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

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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 9 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 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2999
(716) 851-7165



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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LOCKPORT, NY 14094
(716) 439-1004

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



LIST OF CONDITIONS

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Mod 2 Permit Effective Date: 12/14/2001

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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 08/30/1999 and 08/30/2004

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 08/30/1999 and 08/30/2004

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 08/30/1999 and 08/30/2004

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: Contaminant List

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-1.1(a)

Item 4.1:

Emissions of the following contaminants are allowed under this permit.

CAS No: 000050-00-0

Name: FORMALDEHYDE

CAS No: 000071-43-2

Name: BENZENE

CAS No: 000075-07-0

Name: ACETALDEHYDE

CAS No: 000091-20-3

Name: NAPHTHALENE

CAS No: 000107-02-8

Name: ACROLEIN

CAS No: 000108-88-3

Name: TOLUENE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 001330-20-7

Name: XYLENE, M, O & P MIXT.

CAS No: 007439-92-1

Name: LEAD

CAS No: 007439-96-5

Name: MANGANESE

CAS No: 007439-97-6

Name: MERCURY

CAS No: 007440-02-0

Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 007440-36-0

Name: ANTIMONY

CAS No: 007440-38-2

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Name: ARSENIC

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 007440-43-9

Name: CADMIUM

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 007440-48-4

Name: COBALT

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007782-49-2

Name: SELENIUM

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

Item 4.2:

The Facility is authorized to emit the regulated contaminants cited in Item 4.1 from the emission units specified in this permit.

Condition 5: Unpermitted Emission Sources
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 5.1:

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:



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(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 6: Unavoidable Noncompliance and Violations
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 6.1:

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.

(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.

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Condition 7: Emergency Defense
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 7.1:

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 8: Recycling and Salvage
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 8.1:

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 9: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-1.8



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Item 9.1:

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 10: Public Access to Recordkeeping for Title V facilities
Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 10.1:

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 11: Proof of Eligibility
Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 11.1:

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 12: Proof of Eligibility
Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 12.1:

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 13: Applicable Criteria, Limits, Terms, Conditions and Standards
Effective between the dates of 08/30/1999 and 08/30/2004

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Applicable Federal Requirement: 6NYCRR 201-6.

Item 13.1:

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 13.2:

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 14: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 08/30/1999 and 08/30/2004**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 14.1:

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 1-1: Compliance Requirements
Effective between the dates of 01/08/2001 and 08/30/2004**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 1-1.1:

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



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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 1-1.2:

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 1-1.3:

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: Compliance Requirements
Effective between the dates of 08/30/1999 and 08/30/2004**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 15.1:

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;



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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 15.2:

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

i. Compliance certifications shall contain:

- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. All compliance certifications shall be submitted to the Administrator as well as to the Department.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of the effective date of this permit.

Item 15.3:

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 15.4:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually from the effective date of this permit, 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 16: Federally-Enforceable Requirements
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.



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Item 16.1:

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.

Condition 17: Fees

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 17.1:

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

Condition 1-2: Monitoring, Related Recordkeeping and Reporting Requirements

Effective between the dates of 01/08/2001 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 1-2.1:

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: Monitoring, Related Recordkeeping and Reporting Requirements

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 18.1:

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.

Item 18.2:

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

- i. Submit reports of any required monitoring at least every 6 months after the date of permit issuance. These reports shall be submitted to the Department within 30 days after the end of a reporting period.



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All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

ii. Report promptly (as prescribed under Section 201-1.4 of Part 201) to the Department:

- deviations from permit requirements, including those attributable to upset conditions,
- the probable cause of such deviations, and
- any corrective actions or preventive measures taken.

iii. The permittee must, in the event that emissions of air contaminants exceeding any air emission standard under 6 NYCRR Chapter III occur due to an emergency, comply with the reporting requirements of section 201-1.4 and subdivision 201-6.6(c) of 6 NYCRR Part 201 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. Facilities desiring an affirmative defense for non-compliance with any applicable requirement due to an emergency shall follow the requirements established under the general provisions of Part 201.

iv. Where the owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, reports on equipment maintenance or start-up/shutdown for the facility need not be submitted to the commissioner's representative unless requested by the Department or required elsewhere in this permit.

Condition 19: Permit Conditions - 40 CFR Part 82, Subpart F - Protection of Stratospheric Ozone Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 19.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.r
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.

Condition 20: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.



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Item 20.1:

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 21: Permit Shield

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 21.1:

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 22: Property Rights

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.



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Item 22.1:

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

Condition 23: Reopening for Cause

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 23.1:

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 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 23.2:

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 23.3:

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 24: Right to Inspect

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 24.1:

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



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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 1-3: Severability

Effective between the dates of 01/08/2001 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 1-3.1:

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Condition 25: Severability

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 25.1:

If any federally-enforceable provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Condition 26: Emission Unit Definition

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 26.1(From Mod 2):

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

Emission Unit: U-00002

Emission Unit Description:

AUXILIARY STANDBY BOILER.

Building(s): GENBLDG

Item 26.2(From Mod 0):

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

Emission Unit: U-00003

Emission Unit Description:

THREE STARTING DIESEL ENGINES FOR GAS
TURBINES. EACH ENGINE (@ 4.26 MMBTU/HR) IS

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LIMITED TO 475 HOURS OF OPERATION PER YEAR.
THESE UNITS DO NOT HAVE ANY FEDERALLY
ENFORCEABLE OR STATE-ONLY POLLUTANT
EMISSION LIMITS.

Building(s): GENBLDG

Item 26.3(From Mod 1):

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

Emission Unit: U-3GTDB

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THREE (3)
IDENTICAL COMBINED CYCLE GAS TURBINES. EACH
GAS TURBINE (DESIGNED FOR 41 MW @ 47 DEG F
and 423 MMBTU/HR HEAT INPUT @ 47 DEG F) IS
EQUIPPED WITH A STEAM INJECTION SYSTEM FOR
CONTROL OF NOX EMISSIONS. EACH GAS TURBINE
HAS AN INDIVIDUAL HEAT RECOVERY STEAM
GENERATOR (HRSG) EXHAUST STACK AND AN HRSG
BYPASS STACK. FLUE GAS GENERATED BY EACH
GAS TURBINE IS EXHAUSTED TO THE ATMOSPHERE
THROUGH EITHER THE OPERATING GAS TURBINE'S
HRSG BYPASS STACK (BYPASS MODE) OR THE
OPERATING TURBINE'S HRSG STACK (COMBINED
CYCLE MODE). WHILE OPERATING IN COMBINED
CYCLE MODE, THE DUCT BURNERS (EACH @ 110
MMBTU/HR HEAT INPUT DESIGN CAPACITY) MAY BE
OPERATED TO HEAT THE GAS TURBINE'S EXHAUST
GAS BEFORE IT ENTERS THE HRSG.

Building(s): GENBLDG
HRSGBLD1
HRSGBLD2
HRSGBLD3
YARD

Condition 1-5: Compliance Certification

Effective between the dates of 01/08/2001 and 08/30/2004

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

Item 1-5.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/01.

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

Condition 1-6: Compliance Certification

Effective between the dates of 01/08/2001 and 08/30/2004

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

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Item 1-6.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-6.2:

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 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 end of the calendar year.

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:

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270 Michigan Avenue
Buffalo, NY 14203-2999

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
50 Wolf Road
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/02.
Subsequent reports are due on the same day each year

Condition 1-4: Permit Exclusion Provisions
Effective between the dates of 01/08/2001 and 08/30/2004

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

Item 1-4.1:

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.

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Condition 27: Required emissions tests
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 27.1:

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 28:20 Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 29: Recordkeeping requirements
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 29.1:

(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

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upon request during normal business hours.

Condition 30: Visible emissions limited.
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 211.3

Item 30.1:

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 31: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 215.

Item 31.1:

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 32: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL BE ACCESSIBLE TO
NYSDEC PERSONNEL FOR ROUTINE INSPECTIONS
DURING REASONABLE BUSINESS HOURS AND AT
ANY TIME IF THERE IS CAUSE TO BELIEVE
THAT THE FACILITY IS NOT IN COMPLIANCE.

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

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Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A SUMMARY OF EMISSION LIMITS AND OPERATING RESTRICTIONS OF THIS PERMIT MUST BE POSTED IN THE CONTROL ROOM OF THIS FACILITY AND BE PLAINLY VISIBLE TO THE FACILITY OPERATOR.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 34: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF THE DISTILLATE NO. 2 FUEL OIL CONSUMED AT THE FACILITY SHALL NOT EXCEED 0.20 PER CENT BY WEIGHT. SAMPLING OF THE FUEL OIL TO DETERMINE COMPLIANCE SHALL BE PERFORMED AS STATED IN THE JUNE 10, 1994 USEPA LETTER COPY ATTACHED, 3 PAGES, WHICH IS A REQUIREMENT OF THIS PERMIT. THIS DOCUMENT STATES THAT OIL SULFUR AND NITROGEN CONTENT WILL BE TESTED THROUGH A COMPOSITE OIL SAMPLE FROM EACH STORAGE TANK 20AFTER DELIVERY OF NEW OIL. ALSO, RECORDS OF FUEL ANALYSIS

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AND FUEL SUPPLY PERTINENT TO THIS
ALTERNATIVE FUEL MONITORING SCHEDULE
SHALL BE RETAINED FOR A PERIOD OF FIVE
(5) YEARS (NOT THREE ((3)) YEARS AS
STATED IN THE JUNE 10, 1994
CORRESPONDENCE).

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.2 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/00.
Subsequent reports are due every 12 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

AMBIENT AIR TEMPERATURE AT THE FACILITY
MUST BE CONTINUOUSLY MEASURED AND
RECORDED WITHIN AN ACCURACY OF +/- 1 DEG
F.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 36: Performance tests
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.8, NSPS Subpart A

Item 36.1:

This facility is subject to the provisions of this Part.



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Condition 37: Opacity standard compliance testing.
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 37.1:

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 or this Part 40 CFR 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 38: Modifications.
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 38.1:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 1-7: Compliance Certification
Effective between the dates of 01/08/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 60, NSPS Subpart Db

Replaces Condition(s) 50

Item 1-7.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

40CFR60 Subpart Db applies specifically to emission unit U-00002 and emission source DCTBN for processes DCT, GT2, GT4, GT7 and GT9 (duct burner systems only) in emission unit U-3GTDB.

40CFR60.49b(f) For facilities subject to the opacity standard under 60.43b, the owner or operator shall maintain records of opacity.

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40CFR60.49b(h) The owner or operator shall submit excess emission reports for any calendar quarter during which there are excess emissions from the affected facility. If there are no excess emissions during the calendar quarter, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

40CFR60.49b(j) The owner or operator of an affected facility subject to the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semi-annual period. All semi-annual reports shall be postmarked by the 30th day following the end of each semi-annual period.

40CFR60.49b(o) All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

40CFR60.49b(p) The owner or operator of an affected facility described in 60.44b(j) or (k) shall maintain records of the following information for each steam generating unit operating day:

- (1) Calendar date,
- (2) The number of hours of operation, and
- (3) A record of the hourly steam load.

40CFR60.49b(q) An owner or operator of an affected facility described in 60.44b(j) or (k) shall submit to the Administrator on a semi-annual basis:

- (1) The annual capacity factor over the past 12 months;
- (2) The average fuel nitrogen content during the semi-annual period; and
- (3) If the affected facility meets the criteria described in 60.44b(j), the results of any nitrogen oxides emission tests required during the semi-annual period, the hours of operation during the semi-annual period, and the hours of operation since the last nitrogen oxides emission test.

40CFR60.49b(r) The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the the oil meets the definition of distillate oil as



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defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil.

Semi-annual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding period.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/01.

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

Condition 1-8: Compliance Certification
Effective between the dates of 01/08/2001 and 08/30/2004

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

Replaces Condition(s) 54

Item 1-8.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-8.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

40CFR60.49b(d) applies to emission unit U-00002 and emission source DCTBN for processes DCT, GT2, GT4, GT7 and GT9 (duct burner systems only) in emission unit U-3GTDB.

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-9: Recycling and Emissions Reduction
Effective between the dates of 01/08/2001 and 08/30/2004

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Applicable Federal Requirement: 40CFR 82, Subpart F

Item 1-9.1:

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.
- 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 39: Emission Point Definition By Emission Unit
Effective between the dates of 08/30/1999 and 08/30/2004**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 39.1(From Mod 0):

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

Emission Unit: U-00002

Emission Point: 00007

Height (ft.): 135

Diameter (in.): 48

NYTMN (km.): 4785.62

NYTME (km.): 195.429

Building: GENBLDG

Item 39.2(From Mod 0):

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

Emission Unit: U-00003



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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

Emission Point: 00008
Height (ft.): 8 Diameter (in.): 8
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: GENBLDG

Emission Point: 00009
Height (ft.): 8 Diameter (in.): 8
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: GENBLDG

Emission Point: 00010
Height (ft.): 8 Diameter (in.): 8
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: GENBLDG

Item 39.3(From Mod 0):

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

Emission Unit: U-3GTDB

Emission Point: 00001
Height (ft.): 130 Diameter (in.): 114
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: HRSGBLD1

Emission Point: 00002
Height (ft.): 130 Diameter (in.): 114
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: HRSGBLD2

Emission Point: 00003
Height (ft.): 130 Diameter (in.): 114
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: HRSGBLD3

Emission Point: 00004
Height (ft.): 100 Diameter (in.): 156
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: GENBLDG

Emission Point: 00005
Height (ft.): 100 Diameter (in.): 156
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: GENBLDG

Emission Point: 00006
Height (ft.): 100 Diameter (in.): 156
NYTMN (km.): 4785.62 NYTME (km.): 195.429 Building: GENBLDG

Condition 40: Process Definition By Emission Unit
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 201-6.

Item 40.1(From Mod 2):

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



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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

Emission Unit: U-00002

Process: 110

Source Classification Code: 1-02-005-01

Process Description:

DISTILLATE FUEL OIL COMBUSTION IN
AUXILIARY BOILER. AUXILIARY BOILER
OPERATION IS LIMITED TO 1.26 MILLION
GALLONS OF NO. 2 FUEL OIL USAGE PER YEAR.
ALSO, AUXILIARY BOILER IS LIMITED TO ANNUAL
EMISSIONS OF 18.3 TONS OF NO_x AND 11.9 TONS
OF CO.

Emission Source/Control: AUXBL - Combustion

Design Capacity: 209.1 million Btu per hour

Item 40.2(From Mod 2):

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

Emission Unit: U-00002

Process: 111

Source Classification Code: 1-02-006-01

Process Description:

NATURAL GAS COMBUSTION IN AUXILIARY
BOILER. AUXILIARY BOILER OPERATION IS
LIMITED TO ANNUAL EMISSIONS OF 18.3 TONS OF
NO_x AND 11.9 TONS OF CO.

Emission Source/Control: AUXBL - Combustion

Design Capacity: 209.1 million Btu per hour

Item 40.3(From Mod 0):

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

Emission Unit: U-00003

Process: 112

Source Classification Code: 2-02-001-01

Process Description:

DISTILLATE FUEL OIL COMBUSTION IN 3
STARTING DIESEL ENGINES. OPERATION OF EACH
ENGINE IS LIMITED TO 475 HOURS PER YEAR.

Emission Source/Control: STDSL - Combustion

Design Capacity: 4.26 million Btu per hour

Item 40.4(From Mod 1):

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

Emission Unit: U-3GTDB

Process: DCT

Source Classification Code: 1-02-006-02

Process Description:



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NATURAL GAS COMBUSTION IN DUCT BURNER.
EACH DUCT BURNER HAS A HEAT INPUT CAPACITY
OF 110 MMBTU/HR. TOTAL HEAT INPUT TO THE
FACILITY'S THREE DUCT BURNERS IS LIMITED TO
390,000 MILLION BTU PER YEAR WHEN THE GAS
TURBINES FIRE FUEL OIL.

Emission Source/Control: DCTBN - Combustion

Design Capacity: 110 million Btu per hour

Item 40.5(From Mod 0):

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

Emission Unit: U-3GTDB

Process: GT1

Source Classification Code: 2-02-001-01

Process Description:

DISTILLATE NO. 2 FUEL OIL COMBUSTION IN
GAS TURBINE WITHOUT OPERATION OF DUCT
BURNER. THIS PROCESS IS LIMITED BY 2
SPECIAL CONDITIONS. 1. 2190 HOURS OF OIL
COMBUSTION PER TURBINE PER YEAR. 2. 19.656
MILLION GALLON TOTAL ANNUAL FUEL OIL
CONSUMPTION LIMIT FOR THE THREE GAS
TURBINES. (GAS TURBINE OPERATION AT FULL
LOAD.)

Emission Source/Control: GASTB - Combustion

Design Capacity: 41 megawatt

Emission Source/Control: STMIN - Control

Control Type: STEAM OR WATER INJECTION

Item 40.6(From Mod 1):

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

Emission Unit: U-3GTDB

Process: GT2

Source Classification Code: 2-02-001-01

Process Description:

DISTILLATE NO. 2 FUEL OIL COMBUSTION IN
GAS TURBINE WITH OPERATION OF DUCT BURNER
FIRING NATURAL GAS. THIS PROCESS IS LIMITED
BY 3 SPECIAL CONDITIONS. 1. 2,190 HOURS OF
OIL COMBUSTION PER TURBINE PER YEAR. 2.
19.656 MILLION GALLON TOTAL ANNUAL FUEL OIL
CONSUMPTION LIMIT FOR THE THREE GAS
TURBINES. 3. THE DUCT BURNERS ARE LIMITED
TO A TOTAL HEAT INPUT OF 390,000 MILLION
BTU PER YEAR WHEN THE GAS TURBINES FIRE

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OIL. (GAS TURBINE OPERATION AT FULL LOAD.)

Emission Source/Control: DCTBN - Combustion

Design Capacity: 110 million Btu per hour

Item 40.7(From Mod 0):

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

Emission Unit: U-3GTDB

Process: GT3

Source Classification Code: 2-02-002-01

Process Description:

NATURAL GAS COMBUSTION IN GAS TURBINE
WITHOUT OPERATION OF DUCT BURNER. (GAS
TURBINE OPERATION AT FULL LOAD.)

Emission Source/Control: GASTB - Combustion

Design Capacity: 41 megawatt

Emission Source/Control: STMIN - Control

Control Type: STEAM OR WATER INJECTION

Item 40.8(From Mod 1):

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

Emission Unit: U-3GTDB

Process: GT4

Source Classification Code: 2-02-001-03

Process Description:

NATURAL GAS COMBUSTION IN GAS TURBINE AND
DUCT BURNER SIMULTANEOUSLY. (GAS TURBINE
OPERATION AT FULL LOAD.)

Emission Source/Control: DCTBN - Combustion

Design Capacity: 110 million Btu per hour

Item 40.9(From Mod 0):

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

Emission Unit: U-3GTDB

Process: GT6

Source Classification Code: 2-02-001-01

Process Description:

DISTILLATE NO. 2 FUEL OIL COMBUSTION IN
GAS TURBINE WITHOUT OPERATION OF DUCT
BURNER. THIS PROCESS IS LIMITED BY 2
SPECIAL CONDITIONS. 1. 2,190 HOURS OF OIL
COMBUSTION PER TURBINE PER YEAR. 2. 19.656
MILLION GALLON TOTAL ANNUAL FUEL OIL
CONSUMPTION LIMIT FOR THE THREE GAS
TURBINES. (GAS TURBINE OPERATION AT PARTIAL

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LOAD.)

Emission Source/Control: GASTB - Combustion
Design Capacity: 41 megawatt

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

Item 40.10(From Mod 1):

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

Emission Unit: U-3GTDB

Process: GT7

Source Classification Code: 2-02-002-01

Process Description:

DISTILLATE NO. 2 FUEL OIL COMBUSTION IN
GAS TURBINE WITH OPERATION OF DUCT BURNER
FIRING NATURAL GAS. THIS PROCESS IS LIMITED
BY 3 SPECIAL CONDITIONS. 1. 2,190 HOURS OF
OIL COMBUSTION PER TURBINE PER YEAR. 2.
19.656 MILLION GALLON TOTAL ANNUAL FUEL OIL
CONSUMPTION LIMIT FOR THE THREE GAS
TURBINES. 3. THE DUCT BURNERS ARE LIMITED
TO A TOTAL HEAT INPUT OF 390,000 MILLION
BTU PER YEAR WHEN THE GAS TURBINES FIRE
OIL. (GAS TURBINE OPERATION AT PARTIAL
LOAD.)

Emission Source/Control: DCTBN - Combustion
Design Capacity: 110 million Btu per hour

Item 40.11(From Mod 0):

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

Emission Unit: U-3GTDB

Process: GT8

Source Classification Code: 2-02-002-01

Process Description:

NATURAL GAS CONSUMPTION IN GAS TURBINE
WITHOUT OPERATION OF DUCT BURNER. (GAS
TURBINE OPERATING AT PARTIAL LOAD.)

Emission Source/Control: GASTB - Combustion
Design Capacity: 41 megawatt

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

Item 40.12(From Mod 1):

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

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Emission Unit: U-3GTDB

Process: GT9

Source Classification Code: 2-02-001-03

Process Description:

NATURAL GAS COMBUSTION IN GAS TURBINE AND
DUCT BURNER SIMULTANEOUSLY. (GAS TURBINE
OPERATING AT PARTIAL LOAD.)

Emission Source/Control: DCTBN - Combustion

Design Capacity: 110 million Btu per hour

Condition 41: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

NO PERSON SHALL OPERATE A STATIONARY
COMBUSTION INSTALLATION WHICH EXHIBITS
GREATER THAN 20 % OPACITY (6-MINUTE
AVERAGE), EXCEPT FOR ONE 6-MINUTE PERIOD
PER HOUR OF NOT MORE THAN 27 % OPACITY.
AN ALTERNATIVE METHOD OF DEMONSTRATING
COMPLIANCE WITH THE OPACITY LIMIT HAS
BEEN APPROVED. SEE USEPA LETTER DATED
OCTOBER 30, 1992, COPY ATTACHED 3 PAGES,
WHICH IS A REQUIREMENT OF THIS PERMIT.
ALSO, ALL RECORDS PERTINENT TO THIS
ALTERNATIVE OPACITY MONITORING METHOD
SHALL BE KEPT ON SITE FOR A PERIOD OF
FIVE (5) YEARS (NOT TWO ((2)) YEARS AS
STATED IN THE OCTOBER 30, 1992
CORRESPONDENCE.

Parameter Monitored: OPACITY

Lower Permit Limit: 0 percent

Upper Permit Limit: 27 percent

Reference Test Method: EPA METHOD 9



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Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 2-1: Compliance Certification

Effective between the dates of 12/14/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 2-1.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 2-1.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS ARE TO BE USED TO MEASURE CARBON MONOXIDE (CO) EMISSIONS FROM THE AUXILIARY BOILER WHILE BURNING NATURAL GAS OR NO. 2 FUEL OIL. QUARTERLY EXCESS EMISSION REPORTS ARE REQUIRED FOR THE CEMS.

Manufacturer Name/Model Number: SIEMENS ULTRAMAT 6E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 11.9 tons per year

Reference Test Method: APP A ME 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/02.

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

Condition 2-2: Compliance Certification

Effective between the dates of 12/14/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

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Item 2-2.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

Item 2-2.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS ARE TO BE USED TO MEASURE NO_x
EMISSIONS FROM THE AUXILIARY BOILER WHILE
BURNING NATURAL GAS OR NO. 2 FUEL OIL.
QUARTERLY EXCESS EMISSION REPORTS ARE
REQUIRED FOR THE CEMS.

Manufacturer Name/Model Number: ROSEMONT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18.3 tons per year

Reference Test Method: APP A ME 7E, 20

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/02.

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

Condition 2-3: Compliance Certification

Effective between the dates of 12/14/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 2-3.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 2-3.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

AUXILIARY BOILER IS LIMITED TO ANNUAL
EMISSIONS OF 18.3 TONS OF NO_x AND 11.9

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TONS OF CARBON MONOXIDE (CO) BOTH CALCULATED AS AN ANNUAL TOTAL ROLLED DAILY. CEMS CERTIFIED AND OPERATED ACCORDING TO PROCEDURES IN 40CFR60 MUST BE USED TO MEASURE NO_x AND CO EMISSIONS FROM THE BOILER. CERTIFIED FUEL FLOW METERS MUST BE USED TO MONITOR NATURAL GAS OR NO. 2 FUEL OIL CONSUMPTION.

Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL TOTAL ROLLED DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/02.
Subsequent reports are due every 12 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 42.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-00002

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

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
THE NATURAL GAS COMBUSTED IN THE AUXILIARY BOILER SHALL CONTAIN A NITROGEN CONTENT OF 0.30% BY WEIGHT OR LESS. FUEL SAMPLING IN ACCORDANCE WITH USEPA LETTER DATED JUNE 10, 1994.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NATURAL GAS
Parameter Monitored: NITROGEN CONTENT
Upper Permit Limit: 0.3 percent by weight
Monitoring Frequency: MONTHLY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)



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Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/00.
Subsequent reports are due every 12 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TOTAL FUEL OIL USAGE BY THE AUXILIARY
BOILER IS LIMITED TO 1.26 MILLION
GALLONS/YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 1260000.0 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 44: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Regulated Contaminant(s):

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

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Facility DEC ID: 9292600016



Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FUEL OIL COMBUSTED IN THE AUXILIARY BOILER SHALL CONTAIN A NITROGEN CONTENT OF 0.30% BY WEIGHT OR LESS. FUEL SAMPLING IN ACCORDANCE WITH USEPA LETTER DATED JUNE 10, 1994.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: NITROGEN CONTENT

Upper Permit Limit: 0.3 percent by weight

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 46: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION LIMITS FOR PROCESS 111:

NOX: 0.200 LB/MMBTU & 41.80

LB/HR.

CO: 0.130 LB/MMBTU & 27.20

LB/HR.

VOC: 0.005 LB/MMBTU & 0.90

LB/HR.

PM,PM-10: 0.001 LB/MMBTU & 0.21

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LB/HR.

EMISSION LIMITS FOR PROCESS 110:

NOX: 0.200 LB/MMBTU & 40.00

LB/HR.

CO: 0.130 LB/MMBTU & 27.20

LB/HR.

VOC: 0.005 LB/MMBTU & 0.96

LB/HR.

PM,PM-10: 0.034 LB/MMBTU & 6.80

LB/HR.

RECORDS OF INITIAL PERFORMANCE TEST INDICATE COMPLIANCE WITH THE ABOVE EMISSION LIMITS. COMPLIANCE MONITORING WITH THESE EMISSION LIMITS MUST BE DEMONSTRATED BY INTERMITTENT STACK TESTING TO BE CONDUCTED AT THE REQUEST OF THIS AGENCY. IN ADDITION, COMPLIANCE WITH THESE EMISSION LIMITS SATISFIES THE REQUIREMENTS OF 6NYCRR PART 227-2.4(b)(1), NOX RACT EMISSION LIMITS FOR LARGE BOILERS, AND 6NYCRR PART 227-2.6(a)(3), NOX RACT EMISSION LIMITS PERFORMANCE STACK TESTS.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 47: Circumvention.

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 47.1:

This Condition applies to Emission Unit: U-00002

Item 47.2:

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 48: Monitoring requirements.

Effective between the dates of 08/30/1999 and 08/30/2004



New York State Department of Environmental Conservation

Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 48.1:

This Condition applies to Emission Unit: U-00002

Item 48.2:

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

Condition 49: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.13(i), NSPS Subpart A

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 49.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

AN ALTERNATIVE METHOD OF DEMONSTRATING
COMPLIANCE WITH THE OPACITY LIMIT HAS
BEEN APPROVED. SEE USEPA LETTER DATED
OCTOBER 30, 1992.

Parameter Monitored: OPACITY

Upper Permit Limit: 27.0 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 51: Demonstration criteria for low sulfur oil.

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.42b(j), NSPS Subpart Db

Item 51.1:

This Condition applies to Emission Unit: U-00002

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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016



Item 51.2:

Affected facilities which fire very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by:

1) Following the performance testing procedures in subdivision 60.45b(c) or subdivision 60.45b(d) and following monitoring procedures in subdivision 60.47b(a) or in subdivision 60.47b(b) to determine SO₂ emission rate or fuel oil sulfur content; or

2) Maintaining fuel receipts as described in subdivision 60.49b(r).

Condition 52: Oxides of nitrogen standard exemption.
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.44b(k), NSPS Subpart Db

Item 52.1:

This Condition applies to Emission Unit: U-00002

Item 52.2:

Affected facilities which meet the criteria in paragraphs (j)(1), (j)(2), and (j)(3) and are less than or equal to 73 MW in heat input capacity are exempt from the oxides of nitrogen standards of section 40 CFR 60-D.44b(k).

Condition 53: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.45b(j), NSPS Subpart Db

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as described in §60.49b(r).

Monitoring Frequency: PER DELIVERY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.



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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

The initial report is due 10/30/99.

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

Condition 55: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60, NSPS Subpart Db

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00002

Process: 110

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:

MAINTAIN FILE OF FUEL RECEIPTS IN
ACCORDANCE WITH 40 CFR 60.49B(R).

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

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 10/30/99.

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

Condition 56: Sulfur dioxide standard.

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.42b(a), NSPS Subpart Db

Item 56.1:

This Condition applies to Emission Unit: U-00002

Process: 110

Item 56.2:

$$Es = (KaHa + KbHb)/(Ha + Hb)$$

Where: Es = sulfur dioxide emission standard,



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$K_a = 1.2 \text{ lb/mmBtu}$,

$K_b = 0.8 \text{ lb/mmBtu}$,

H_a = heat input coal mmBtu,

H_b = heat input oil mmBtu and 90% reduction in PTE.

Condition 57: Opacity standard.
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 57.1:

This Condition applies to Emission Unit: U-00002
Process: 110

Item 57.2:

Any facility which fires coal, oil, wood, or a mixture of fuels shall emit to the atmosphere no greater than 20% opacity (6 minute average), except for one 6 minute period per hour not to exceed 27% opacity.

Condition 58: Alternative sulfur dioxide monitoring method.
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.47b(f), NSPS Subpart Db

Item 58.1:

This Condition applies to Emission Unit: U-00002
Process: 110

Item 58.2:

Facilities which combust very low sulfur oil are not subject to the requirements of section 40 CFR 60-Db.47b if fuel receipts are obtained in accordance with subdivision 40 CFR 60-Db.49b(r).

Condition 59: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Item 59.2:

Compliance Certification shall include the following monitoring:



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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

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

Monitoring Description:

NO PERSON SHALL OPERATE A STATIONARY
COMBUSTION INSTALLATION WHICH EXHIBITS
GREATER THAN 20 % OPACITY (6-MINUTE
AVERAGE), EXCEPT FOR ONE 6-MINUTE PERIOD
PER HOUR OF NOT MORE THAN 27 % OPACITY.

Parameter Monitored: OPACITY

Lower Permit Limit: 0 percent

Upper Permit Limit: 27 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 60: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00003

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

OPERATION OF EACH OF THE THREE STARTING
DIESEL ENGINES IS LIMITED TO 475 HOURS
PER YEAR.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 61: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 61.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

NO PERSON SHALL OPERATE A STATIONARY
COMBUSTION INSTALLATION WHICH EXHIBITS
GREATER THAN 20 % OPACITY (6-MINUTE
AVERAGE), EXCEPT FOR ONE 6-MINUTE PERIOD
PER HOUR OF NOT MORE THAN 27 % OPACITY.

Parameter Monitored: OPACITY

Lower Permit Limit: 0 percent

Upper Permit Limit: 27 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 62: Testing, monitoring, and reporting requirements for very large boilers.

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 6NYCRR 227-2.6(a)(1)

Item 62.1:

This Condition applies to Emission Unit: U-3GTDB

Item 62.2:

The owner/operator shall measure NO_x emissions with a continuous emissions monitoring system (CEMS) as described in 6NYCRR 227-2.6(b).

Condition 1-10: Compliance Certification

Effective between the dates of 01/08/2001 and 08/30/2004

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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016



Applicable Federal Requirement: 40CFR 52.21, Subpart A

Replaces Condition(s) 75

Item 1-10.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 1-10.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE MASS EMISSION RATE (LB/HR AND LB/MMBTU) OF NOX AND CO MUST BE CONTINUOUSLY CALCULATED FROM THE GAS TURBINE OR GAS TURBINE/DUCT BURNER. USE ATTACHED FIGURES 6, 7, 8 AND 9 (ALL DATED 8/9/00) TO CORRELATE MASS EMISSION LIMITS (LB/HR) TO AMBIENT TEMPERATURE.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/02.

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

Condition 1-11: Compliance Certification

Effective between the dates of 01/08/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Replaces Condition(s) 64

Item 1-11.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 1-11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE GAS TURBINES MAY NOT OPERATE BELOW 70% LOAD, EXCEPT DURING PERIODS OF STARTUP, MALFUNCTION, AND SHUTDOWN. 70% LOAD FOR EACH TURBINE CORRESPONDS TO

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Facility DEC ID: 9292600016



28.72 MW, FIRING GAS AT 47 DEG F.
FIGURES 5 AND 5A CORRELATE THIS LIMIT
(70% LOAD) TO AMBIENT TEMPERATURE.
FIGURES 4 AND 4A CORRELATE 100% LOAD TO
AMBIENT TEMPERATURE. ATTACHED FIGURES 4,
4A, 5 and 5A ARE REQUIREMENTS OF THIS
PERMIT. ALSO, ATTACHED FIGURES 6, 7, 8
AND 9 (ALL DATED 8/9/00) ARE REQUIREMENTS
OF THIS PERMIT.

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/02.

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

Condition 63: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE GAS TURBINES SHALL FIRE NATURAL GAS
AND NO. 2 FUEL OIL ONLY. THE DUCT BURNERS
SHALL ONLY FIRE NATURAL GAS.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 65: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 65.1:



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Facility DEC ID: 9292600016

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FUEL OIL USAGE IN THE GAS TURBINES IS LIMITED TO 2190 HOURS PER YEAR FOR EACH TURBINE.

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 66: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE TYPE AND AMOUNT OF FUEL BURNED IN EACH GAS TURBINE MUST BE MONITORED AND RECORDED WITHIN AN ACCURACY OF +/- 5%.

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 67: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

New York State Department of Environmental Conservation

Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016



Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS ARE TO BE USED TO MEASURE EMISSIONS
FROM EACH GAS TURBINE FOR PROCESSES GT-1,
GT3, GT-6 AND GT8.

Manufacturer Name/Model Number: SIEMENS/7MB1120-1AB10-0BA1

Parameter Monitored: CARBON MONOXIDE

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

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/99.

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

Condition 68: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 68.2:

Compliance Certification shall include the following monitoring:



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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS ARE TO BE USED TO MEASURE THE TOTAL
EMISSIONS FROM EACH GAS TURBINE/DUCT
BURNER COMBINATION FOR PROCESSES GT-2 AND
GT-7.

Manufacturer Name/Model Number: SIEMENS/7MB1120-1AB10-0BA1

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 16.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/99.

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

Condition 69: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS ARE TO BE USED TO MEASURE THE TOTAL
EMISSIONS FROM EACH GAS TURBINE/DUCT
BURNER COMBINATION FOR PROCESSES GT-4 AND
GT-9.

Manufacturer Name/Model Number: SIEMENS/7MB1120-1AB10-0BA1

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 17.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS



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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/99.
Subsequent reports are due every 3 calendar month(s).

Condition 70: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

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

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS ARE TO BE USED TO MEASURE EMISSIONS FROM EACH GAS TURBINE (FIRING FUEL OIL ONLY) WITHOUT DUCT BURNER OPERATION FOR THE PROCESSES GT-1 AND GT-6; OR THE TOTAL EMISSIONS FROM EACH GAS TURBINE (FIRING FUEL OIL ONLY) WITH DUCT BURNER OPERATION FOR PROCESSES GT-2 AND GT-7.

Manufacturer Name/Model Number: ROSEMONT/951A

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 65.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: APP A METH 7E , 20

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/99.

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

Condition 71: Compliance Certification
n0 Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016



Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Regulated Contaminant(s):

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

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CEMS ARE TO BE USED TO MEASURE EMISSIONS FROM EACH GAS TURBINE (FIRING NATURAL GAS ONLY) WITHOUT DUCT BURNER OPERATION FOR PROCESSES GT-3 AND GT-8 ; OR THE TOTAL EMISSIONS FROM EACH GAS TURBINE (FIRING NATURAL GAS ONLY) WITH DUCT BURNER OPERATION FOR PROCESSES GT-4 AND GT-9

Manufacturer Name/Model Number: ROSEMONT/951A

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 42.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: APP A METH 7E , 20

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/99.

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

Condition 72: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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Facility DEC ID: 9292600016



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

THE DUCT BURNERS SHALL NOT OPERATE MORE THAN 390,000 MMBTU PER YEAR (TOTAL FOR ALL THREE UNITS) WHEN THE GAS TURBINES ARE FIRING OIL.

Parameter Monitored: HEAT CONTENT

Upper Permit Limit: 390000000000 British thermal units per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 73: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL ANNUAL FUEL OIL USAGE BY THE GAS TURBINES IS LIMITED TO 19.656 MILLION GALLONS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 19656000.0 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL TOTAL ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 74: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

LOCKPORT ENERGY ASSOCIATES SHALL SUBMIT
A QUARTERLY WRITTEN CEM REPORT FOR EVERY
CALENDAR QUARTER. ALL QUARTERLY REPORTS
SHALL BE POSTMARKED BY THE 30TH DAY
FOLLOWING THE END OF EACH CALENDAR
QUARTER.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/99.

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

Condition 76: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION LIMITS FOR PROCESS GT-1

VOC: 0.010 LB/MMBTU & 4.0

LB/HR

PM,PM-10: 0.024 LB/MMBTU & 10.0

LB/HR

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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016



EMISSION LIMITS FOR PROCESS GT-3

VOC: 0.012 LB/MMBTU & 5.0

LB/HR

PM,PM-10: 0.006 LB/MMBTU & 2.5

LB/HR

EMISSION LIMITS FOR PROCESS GT-6

VOC: 0.012 LB/MMBTU & 4.0

LB/HR

PM,PM-10: 0.030 LB/MMBTU & 10.0

LB/HR

EMISSION LIMITS FOR PROCESS GT-8

VOC: 0.015 LB/MMBTU & 5.0

LB/HR

PM,PM-10: 0.008 LB/MMBTU & 2.5

LB/HR

RECORDS OF INITIAL PERFORMANCE TEST
INDICATE COMPLIANCE WITH THE ABOVE
EMISSION LIMITS. COMPLIANCE MONITORING
OF THESE EMISSION LIMITS MUST BE
DEMONSTRATED BY INTERMITTENT STACK
TESTING TO BE CONDUCTED AT THE REQUEST OF
THIS AGENCY.

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 77: Circumvention.

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 77.1:

This Condition applies to Emission Unit: U-3GTDB

Item 77.2:

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 78: Monitoring requirements.

Effective between the dates of 08/30/1999 and 08/30/2004

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Permit ID: 9-2926-00016/00036

Facility DEC ID: 9292600016



Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 78.1:

This Condition applies to Emission Unit: U-3GTDB

Item 78.2:

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

Condition 79: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.48c(g), NSPS Subpart Dc

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of fuel combusted during each day. This condition applies to emission source DCTBN for processes DCT, GT2, GT4, GT7 and GT9 (duct burner systems only) in emission unit U-3GTDB.

Monitoring Frequency: DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 80: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.48c(h), NSPS Subpart Dc

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 80.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to a federally enforceable requirement limiting the annual capacity factor for any fuel or mixture of fuels under 60.42c or 60.43c shall calculate the annual capacity factor individually for each fuel combusted. The annual capacity factor is determined on a 12-month rolling average basis with a new capacity factor calculated at the end of the calendar month. This condition applies to emission source DCTBN in processes DCT, GT2, GT4, GT7 and GT9 (duct burner systems only) in emission unit U-3GTDB.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 81: Standard for nitrogen oxides.

i0 **Effective between the dates of 08/30/1999 and 08/30/2004**

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

Item 81.1:

This Condition applies to Emission Unit: U-3GTDB

Item 81.2:

$$STD = 0.0075 * [(14.4) / Y] + F$$

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:

| Fuel bound nitrogen (% by weight) | F (NOx % 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 |

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Condition 82: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 82.2:

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 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

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/29/00.

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

Condition 83: Compliance Certification
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.334, NSPS Subpart GG

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Item 83.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel sampling and analysis shall be performed in accordance with the alternate fuel monitoring schedule described in the USEPA letter dated June 10, 1994. Specifically, analyses of composite fuel oil samples are required from the bulk oil storage tanks after each delivery of new oil into the tanks. For natural gas, fuel analysis must be performed on a monthly basis.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/00.

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

Condition 84: Compliance Certification

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable Federal Requirement: 40CFR 60.334(e)(1), NSPS Subpart GG

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Regulated Contaminant(s):

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

Item 84.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

For the purpose of reports required under §60.7(c), periods of excess emissions that shall be reported are defined as follows:

(1) Nitrogen oxides. Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with §60.332 by the performance test required in §60.8 or any period during which the fuel-bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel-bound nitrogen allowance used during the performance test

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required in §60.8. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient Oconditions, gas turbine load, and nitrogen content of the fuel during the period of excess emissions, and the graphs or figures developed under §60.335(a).

(2) On February 1, 1999 Lockport Cogeneration Facility requested a variance from the above reporting requirement to the US Environmental Protection Agency. While awaiting a reply to this variance request, instead of water to fuel (steam to fuel for this facility) monitoring, this facility is required to comply with the PSD limits for NOx contained in this permit for both oil and gas firing and to measure NOx emissions using a continuous emissions monitoring system. Exceeding these limits would result in a violation of NOx limits for the turbine and duct burner. The value of 0.84 lbs of steam per lb of fuel identified in this permit as the Lower Limit of Monitoring is not to be used for enforcement purposes. This value represents an historic lower limit of operation while maintaining compliance with PSD NOx limits in this permit.

Parameter Monitored: STEAM/FUEL VOLUMETRIC FLOW RATE RATIO

Lower Permit Limit: 0.84 pounds of steam per pound of fuel

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/99.

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

Condition 85: Acceptable test methods

Effective between the dates of 08/30/1999 and 08/30/2004

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

Item 85.1:

This Condition applies to Emission Unit: U-3GTDB

Item 85.2:

In conducting the performance test required in 40 CFR 60.8, the owner or operator shall use the reference methods in Appendix A of 40 CFR 60 or other methods and procedures as specified in 40 CFR 60.335, except as provided for in 40 CFR 60.8(b).

Condition 1-12: Compliance Certification



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Permit ID: 9-2926-00016/00036

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Effective between the dates of 01/08/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Replaces Condition(s) 86

Item 1-12.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Process: DCT

Regulated Contaminant(s):

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

Item 1-12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSION LIMIT FOR EACH DUCT BURNER FIRING GAS IS 0.1 LB/MMBTU (AND 11 LB/HR). SINCE DUCT BURNERS CAN ONLY OPERATE WHEN TURBINES ARE IN OPERATION , INITIAL PERFORMANCE TESTING DEMONSTRATED DUCT BURNER COMPLIANCE WITH OXIDES OF NITROGEN EMISSION LIMIT BY MEASURING STACK EMISSIONS COMBINED CYCLE OPERATION (I.E. TURBINE PLUS DUCT BURNER SIMULTANEOUS OPERATION) AND SUBTRACTING BYPASS STACK EMISSIONS (I.E. TURBINE OPERATION ALONE). SINCE FACILITY CEMS INSTALLATION CAN ONLY SAMPLE AND ANALYZE FROM ONE LOCATION AT A TIME (I.E. SAMPLE AND ANALYZE FROM EITHER COMBINED CYCLE STACK OR BYPASS STACK) COMPLIANCE MONITORING OF DUCT BURNER EMISSION LIMITS WILL BE CONDUCTED AT AGENCY REQUEST.

Manufacturer Name/Model Number: ROSEMONT/951A

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: APP A METH 7E , 20

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-13: Compliance Certification



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Permit ID: 9-2926-00016/00036

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Effective between the dates of 01/08/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Replaces Condition(s) 87

Item 1-13.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Process: DCT

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 1-13.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CARBON MONOXIDE EMISSION LIMIT FOR EACH DUCT BURNER FIRING GAS IS 0.1 LB/MMBTU (AND 11 LB/HR). SINCE DUCT BURNERS CAN ONLY OPERATE WHEN TURBINES ARE IN OPERATION , INITIAL PERFORMANCE TESTING DEMONSTRATED DUCT BURNER COMPLIANCE WITH CARBON MONOXIDE EMISSION LIMIT BY MEASURING STACK EMISSIONS COMBINED CYCLE OPERATION (I.E. TURBINE PLUS DUCT BURNER SIMULTANEOUS OPERATION) AND SUBTRACTING BYPASS STACK EMISSIONS (I.E. TURBINE OPERATION ALONE). SINCE FACILITY CEMS INSTALLATION CAN ONLY SAMPLE AND ANALYZE FROM ONE LOCATION AT A TIME (I.E. SAMPLE AND ANALYZE FROM EITHER COMBINED CYCLE STACK OR BYPASS STACK) COMPLIANCE MONITORING OF DUCT BURNER EMISSION LIMITS WILL BE CONDUCTED AT AGENCY REQUEST.

Manufacturer Name/Model Number: SIEMENS/7MB1120-1AB10-0BA1

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: APP A METH 10

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-14: Compliance Certification



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Effective between the dates of 01/08/2001 and 08/30/2004

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Replaces Condition(s) 88

Item 1-14.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-3GTDB

Process: DCT

Item 1-14.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION LIMITS FOR EACH DUCT BURNER

FIRING GAS:

VOC: 0.100 LB/MMBTU AND 11.0

LB/HR.

PM, PM-10: 0.006 LB/MMBTU AND 0.66

LB/HR.

SINCE DUCT BURNERS CAN ONLY OPERATE WHEN TURBINES ARE IN OPERATION, RECORDS OF INITIAL PERFORMANCE TESTING DEMONSTRATED DUCT BURNER COMPLIANCE WITH VOC AND PM, PM-10 EMISSION LIMITS BY MEASURING STACK EMISSIONS COMBINED CYCLE OPERATION (I.E. TURBINE PLUS DUCT BURNER SIMULTANEOUS OPERATION) AND SUBTRACTING BYPASS STACK EMISSIONS (I.E. TURBINE OPERATION ALONE). COMPLIANCE MONITORING OF DUCT BURNER EMISSION LIMITS FOR VOC AND PM, PM-10 WILL BE PERFORMED BY INTERMITTENT STACK TESTING AT AGENCY REQUEST.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 89: General Provisions

Effective between the dates of 08/30/1999 and 08/30/2004

Applicable State Requirement: 6NYCRR 201-5.

Item 89.1:

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 89.2:

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 89.3:

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 1-15: Contaminant List

Effective between the dates of 01/08/2001 and 08/30/2004

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

Item 1-15.1:

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

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN



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Condition 90: Air pollution prohibited
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable State Requirement: 6NYCRR 211.2

Item 90.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 91: Diesel truck opacity limitation
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable State Requirement: 6NYCRR 217-3.2(a)

Item 91.1:

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.

Condition 92: Idling of diesel trucks limited
Effective between the dates of 08/30/1999 and 08/30/2004

Applicable State Requirement: 6NYCRR 217-3.2(b)

Item 92.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.