

New York State Department of Environmental Conservation
Facility DEC ID: 8261400448



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-2614-00448/00019
Effective Date: 09/10/2001 Expiration Date: No expiration date

Permit Issued To: ROCHESTER GAS & ELECTRIC CORP
89 EAST AVE
ROCHESTER, NY 14649

Facility: R G & E BEEBEE STATION
254 MILL ST
ROCHESTER, NY 14649

Contact: B. YVONNE SELBIG
ROCHESTER GAS & ELECTRIC CORP
89 EAST AVE
ROCHESTER, NY 14649

Description:

Initial Air State Facility permit for existing electric generating operations. The Beebee Station consists of three Emission Units (EU):

EU B-00001, an 804 million BTU per hour coal fired boiler, also permitted to burn limited amounts of waste oil, which was permanently shut down effective May 1, 1999;

EU B-00002, a 235 million BTU per hour #2 fuel oil fired turbine generator; and

EU B-00003, two 29 million BTU per hour natural gas fired steam heat boilers.

This permit includes Special Permit Conditions preventing any future operation of EU B-00001, and to establish certified Emission Reduction Credits (ERC) of 1043 tons per year of oxides of nitrogen (NO_x), and 4.4 tons per year of volatile organic compounds (VOC) based on its shutdown.

This permit also includes Special Permit Conditions to cap facility emissions of SO₂ and NO_x to a maximum of 99 tons per year each by restricting turbine generator #2 fuel oil use to 2,146,131 gallons of #2 fuel oil annually with a sulfur content not to exceed 0.5 percent by weight, and limits on operation of the two natural gas fired steam heat boilers. This will keep facility emissions below the Title V and 6 NYCRR Part 201-6 thresholds of 100 tons per year each for SO₂ and NO_x.

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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: PETER A LENT
 DIVISION OF ENVIRONMENTAL PERMITS
 6274 EAST AVON LIMA RD
 AVON, NY 14414-9519

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 8
HEADQUARTERS



DEC GENERAL CONDITIONS

**** General Provisions ****

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

Item 3.1:

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

Item 3.2:

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

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

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Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 8 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 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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89 EAST AVE
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Facility: R G & E BEEBEE STATION
254 MILL ST
ROCHESTER, NY 14649

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



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 18 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 3 6NYCRR 200.7: Maintenance of equipment
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the Air
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 16 6NYCRR 202-1.1: Required emissions tests
- 17 6NYCRR 211.3: Visible emissions limited.
- 19 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 9 6NYCRR 201-1.10(a): Public Access to Recordkeeping
- 12 6NYCRR 201-7.2: Facility Permissible Emissions
- *13 6NYCRR 201-7.2: Compliance Demonstration
- *14 6NYCRR 201-7.2: Compliance Demonstration
- *15 6NYCRR 201-7.2: Compliance Demonstration

Emission Unit Level

- 20 6NYCRR 201-7.2: Emission Unit Permissible Emissions
- 21 6NYCRR 201-7.2: Process Permissible Emissions

EU=B-00001

- 22 6NYCRR 231-2.6: Past Reduction By Emission Unit Shutdown
- 23 6NYCRR 231-2.6: Past Reduction By Emission Unit Shutdown

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 24 6NYCRR 201-5: General Provisions
- 25 6NYCRR 201-5: Permit Exclusion Provisions
- 26 6NYCRR 201-5: Emission Unit Definition
- 27 6NYCRR 201-5.3(b): Contaminant List
- 28 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 29 6NYCRR 201-5: Emission Point Definition By Emission Unit
 - 30 6NYCRR 201-5: Process Definition By Emission Unit
- NOTE: * preceding the condition number indicates capping.COMBINED

Permit Effective Date: 09/10/2001

Permit Expiration Date: No expiration date.

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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 18: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 215

Item 18.1:

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 3: Maintenance of equipment
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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

Condition 7: Recycling and Salvage
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 7.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 10: Proof of Eligibility
Effective between the dates of 09/10/2001 and Permit Expiration Date



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

Item 10.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 11: Proof of Eligibility

Effective between the dates of 09/10/2001 and Permit Expiration Date

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

Item 11.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Condition 16: Required emissions tests

Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 16.1:

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 17: Visible emissions limited.

Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 211.3

Item 17.1:

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-



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minute period per hour of not more than 57 percent opacity.

Condition 19: Recycling and Emissions Reduction
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 19.1:

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.

Condition 1: Sealing
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

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

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

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(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 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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

Condition 4: Unpermitted Emission Sources
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

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

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

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's



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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.

Condition 6: Emergency Defense
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

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

(3) During the period of the emergency the facility owner and/or operator took all



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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 9: Public Access to Recordkeeping
Effective between the dates of 09/10/2001 and Permit Expiration Date

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

Item 9.1:

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

Condition 12: Facility Permissible Emissions
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 12.1:

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

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

CAS No: 007446-09-5 PTE: 198,000 pounds per year
Name: SULFUR DIOXIDE

CAS No: 0NY210-00-0 PTE: 198,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 13: Compliance Demonstration
Effective between the dates of 09/10/2001 and Permit Expiration Date



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Applicable Federal Requirement: 6NYCRR 201-7.2

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Sulfur content of fuel is limited to 0.5 percent by weight. Emissions cap is based on fuel use limit required by NOx cap.

Parameter Monitored: FUEL OIL #2

Upper Permit Limit: 2146131 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 10/09/2002 for the period 09/10/2001 through 09/09/2002

Condition 14: Compliance Demonstration

Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Cap of 99 tpy based on fuel oil limit for combustion turbine in emission unit 2 and limits on operation of package boilers in emission unit 3. Within three years of



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the issue date of this permit emission factors for combustion turbine in emission unit 2 will be verified by stack testing according to 40 CFR 60, Appendix A, Method 7 or Method 20 or equivalent method approved by the Department.

Parameter Monitored: FUEL OIL #2

Upper Permit Limit: 2146131 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 10/09/2002 for the period 09/10/2001 through 09/09/2002

Condition 15: Compliance Demonstration
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Sulfur content of fuel is limited below maximum normally allowed by regulation - Part 225-1. This limit is accepted by the applicant to receive a higher cap on allowable fuel use for which NO_x emissions are the limiting factor.

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: DAILY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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



**** Emission Unit Level ****

Condition 20: Emission Unit Permissible Emissions
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 20.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: B-00002

CAS No: 007446-09-5
Name: SULFUR DIOXIDE
PTE(s): 22.6 pounds per hour
197,700 pounds per year

Emission Unit: B-00003

CAS No: 007446-09-5
Name: SULFUR DIOXIDE
PTE(s): 0.034 pounds per hour
300 pounds per year

Emission Unit: B-00002

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 40.6 pounds per hour
173,400 pounds per year

Emission Unit: B-00003

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 2.8 pounds per hour
14,400 pounds per year

Condition 21: Process Permissible Emissions
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

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Item 21.1:

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

Emission Unit: B-00002 Process: O13

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 22.6 pounds per hour

197,700 pounds per year

Emission Unit: B-00003 Process: GPB

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

PTE(s): 0.034 pounds per hour

300 pounds per year

Emission Unit: B-00002 Process: O13

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 40.6 pounds per hour

173,400 pounds per year

Emission Unit: B-00003 Process: GPB

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 2.8 pounds per hour

14,400 pounds per year

**Condition 22: Past Reduction By Emission Unit Shutdown
Effective between the dates of 09/10/2001 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 22.1:

This Condition applies to Emission Unit: B-00001

Item 22.2:

Emission Unit ID Numbers:

B00001

1. The above referenced emission units is prohibited from further operation.

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2. The facility has established: 1043 tons per year (tpy) of oxides of nitrogen emission reduction credits by shutdown of the above referenced emission units.

**Condition 23: Past Reduction By Emission Unit Shutdown
Effective between the dates of 09/10/2001 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 23.1:

This Condition applies to Emission Unit: B-00001

Item 23.2:

Emission Unit ID Numbers:

B00001

1. The above referenced emission unit is prohibited from further operation.
2. The facility has established: 4.4 tons per year (tpy) of volatile organic compounds emission reduction credits by shutdown of the above referenced emission units.

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STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 24: General Provisions

Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 24.1:

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 24.2:

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 24.3:

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 25: Permit Exclusion Provisions

Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 25.1:

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR).

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



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contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 26: Emission Unit Definition
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 26.1:

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

Emission Unit: B-00001

Emission Unit Description:

Boiler unit number 12. Permanently shut down 5/1/99.
Emissions reduction credits taken for oxides of nitrogen
and volatile organic compounds.

Item 26.2:

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

Emission Unit: B-00002

Emission Unit Description:

UNIT 13 IS A #2 FUEL OIL-FIRED COMBUSTION
GAS TURBINE WITH A MAXIMUM HEAT INPUT
CAPACITY OF >100 MMBTU/HR BUT LESS THAN OR
EQUAL TO 250 MMBTU/HR. THIS UNIT IS USED TO
GENERATE ELECTRICITY FOR SALE.

Building(s): UNIT 13

Item 26.3:

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

Emission Unit: B-00003

Emission Unit Description:

THE PACKAGE BOILERS EACH HAVE A MAXIMUM
HEAT INPUT CAPACITY OF >20 MMBTU/HR BUT
LESS THAN OR EQUAL TO 50 MMBTU/HR. THE
BOILERS FIRE NATURAL GAS. THESE BOILERS ARE



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USED TO PROVIDE SEASONAL STATION HEAT AND
HEAT TO DAMS.

Building(s): PKG BOILER

Condition 27: Contaminant List
Effective between the dates of 09/10/2001 and Permit Expiration Date

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

Item 27.1:

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

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

Condition 28: Air pollution prohibited
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 28.1:

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

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

Condition 29: Emission Point Definition By Emission Unit
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 29.1:

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

Emission Unit: B-00002



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Emission Point: 0002B
Height (ft.): 26 Length (in.): 125 Width (in.): 86
NYTMN (km.): 4782.521 NYTME (km.): 287.129 Building: UNIT 13

Item 29.2:

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

Emission Unit: B-00003

Emission Point: 0003B
Height (ft.): 59 Diameter (in.): 48
NYTMN (km.): 4782.521 NYTME (km.): 287.129 Building: PKG BOILER

Condition 30: Process Definition By Emission Unit
Effective between the dates of 09/10/2001 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 30.1:

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

Emission Unit: B-00001
Process: CB1 Source Classification Code: 1-01-002-12
Process Description:
ONE PULVERIZED BITUMINOUS COAL-FIRE, DRY
BOTTOM, TANGENTIALLY-FIRED STATIONARY
COMBUSTION UNIT RATED AT >250 MMBTU/HR
GENERATING ELECTRICITY FOR SALE.

Emission Source/Control: UN012 - Combustion

Item 30.2:

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

Emission Unit: B-00002
Process: O13 Source Classification Code: 2-01-001-01
Process Description:
#2 FUEL OIL IS BURNED IN A COMBUSTION GAS
TURBINE WITH A MAXIMUM RATED HEAT CAPACITY
OF >100 MMBTU/HR BUT LESS THAN OR EQUAL TO
250 MMBTU/HR.

Emission Source/Control: UN013 - Combustion

Item 30.3:

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

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Emission Unit: B-00003

Process: GPB

Source Classification Code: 1-05-001-06

Process Description:

NATURAL GAS IS UTILIZED TO FIRE TWO PACKAGE BOILERS WHICH EACH HAVE A MAXIMUM RATED HEAT INPUT CAPACITY OF >20 MMBTU/HR BUT LESS THAN OR EQUAL TO 50 MMBTU/HR. THESE BOILERS ARE UTILIZED TO PROVIDE SEASONAL STATION HEAT AND TO HEAT THE DAMS. EMISSIONS ARE DISCHARGED THROUGH A COMMON STACK.

Emission Source/Control: BPKGA - Combustion

Emission Source/Control: BPKGB - Combustion