

New York State Department of Environmental Conservation
Facility DEC ID: 8262800068



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-2628-00068/00008
Effective Date: 02/23/2000 Expiration Date: 02/23/2005

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 8-2628-00068/00009
Effective Date: Expiration Date:

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

Facility: R G & E RUSSELL STATION
1101 BEACH AVE
GREECE, NY 14612

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

Description:

Initial Title V facility permit and modification of Title IV (Acid Rain) facility permit for an existing electric generating station. Russell Station consists of three emission units. Emission Unit R-00001, consists of two boilers, each with a heat input of greater than 250 mmBTU/HR . Pulverized bituminous coal is the primary fuel and #2 fuel oil is the start-up fuel. Occasionally supplemental fuels including #2 fuel oil, waste oil, chemical wastes and coal tar may be burned with the coal. Each boiler uses an electrostatic precipitator (ESP) to control particulate emissions. One package boiler that fires natural gas is also ducted to Emission Unit R-00001. Emission Unit R-00002, consists of two boilers, each with a heat input of greater than 250 mmBTU/HR. Pulverized bituminous coal is the primary fuel and #2 fuel oil is the start-up fuel. Occasionally supplemental fuels including #2 fuel oil, waste oil, chemical wastes and coal tar may be burned with the coal. Each boiler uses an electrostatic precipitator (ESP) to control particulate emissions. Emission Unit R-00003 includes the activities associated with handling coal at the facility. Coal is delivered to the facility , generally by train, to an enclosure where it is bottom loaded directly into a conveyor system that transfers the coal to a bunker or to an on-site storage pile. From the storage pile, a conveyor system transfers the coal to a bunker, then to an enclosed feeder and pulverizing system that is under vacuum. Pulverized coal is then fed into the boilers. Title IV (Acid Rain) permit was initially issued on September 16, 1999 with an effective date of January 1, 2000 and an expiration date of December 31, 2004. The Title IV permit will be to modified so its permit term corresponds to the permit term of the Initial Title V facility permit. The Title V Facility Permit's Condition 42, reflects similar wording as is found in the Title IV(Acid Rain) Permit. The Title IV (Acid Rain) Permit and its attachments are included as part of this project.

New York State Department of Environmental Conservation
Facility DEC ID: 8262800068



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
6274 EAST AVON LIMA RD
AVON, NY 14414-9519

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

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



DEC GENERAL CONDITIONS

****** General Provisions ******

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

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

Item 4.1:

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

New York State Department of Environmental Conservation
Facility DEC ID: 8262800068



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



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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

Facility: R G & E RUSSELL STATION
1101 BEACH AVE
GREECE, NY 14612

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

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

Permit Effective Date: 02/23/2000

Permit Expiration Date: 02/23/2005



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

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

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



- 41 Sampling and analysis requirements.
- 42 Corrective action.
- 43 Corrective action.
- 44 Corrective action.
- 45 Corrective action.
- 46 Emissions data requirements.
- 47 Compliance Certification
- 48 Compliance Certification
- 49 Compliance Certification
- 50 Recycling and Emissions Reduction

Emission Unit Level

- 51 Emission Point Definition By Emission Unit
- 52 Process Definition By Emission Unit
- 53 Mandatory episode action plan
- 54 Episode action plans.
- 55 Compliance Certification (EU=R-00001)
- 56 Interpolation method for standards of particulate matter
from solid fuel firing equipment.
- 57 Compliance Certification (EU=R-00001)
- 58 Multiple combustion sources.
- 59 Compliance Certification (EU=R-00001)
- 60 Compliance Certification (EU=R-00001)
- 61 Multiple fuels particulate matter emission rate.
- 62 Mandatory episode action plan
- 63 Episode action plans.
- 64 Compliance Certification (EU=R-00002)
- 65 Interpolation method for standards of particulate matter
from solid fuel firing equipment.
- 66 Compliance Certification (EU=R-00002)
- 67 Multiple combustion sources.
- 68 Compliance Certification (EU=R-00002)
- 69 Compliance Certification (EU=R-00002)
- 70 Multiple fuels particulate matter emission rate.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 71 General Provisions
- 72 Contaminant List
- 73 Air pollution prohibited
- 74 Diesel truck opacity limitation
- 75 Idling of diesel trucks limited
- 76 Compliance Certification
- 77 Compliance Certification
- 78 Compliance Certification
- 79 Compliance Certification

Emission Unit Level

- 80 Compliance Certification (EU=R-00001)
- 81 Compliance Certification (EU=R-00001)
- 82 Compliance Certification (EU=R-00002)

New York State Department of Environmental Conservation
Permit ID: 8-2628-00068/00008 Facility DEC ID: 8262800068



- 83 Compliance Certification (EU=R-00002)
- 84 Compliance Certification (EU=R-00003)



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 02/23/2000 and 02/23/2005

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 02/23/2000 and 02/23/2005

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 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Condition 4: Unpermitted Emission Sources
Effective between the dates of 02/23/2000 and 02/23/2005

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 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

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

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



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

(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 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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

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

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

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

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Condition 7: Recycling and Salvage
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-1.7



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

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 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

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

Condition 9: Public Access to Recordkeeping for Title V facilities

Effective between the dates of 02/23/2000 and 02/23/2005

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

Item 9.1:

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

Condition 10: Proof of Eligibility

Effective between the dates of 02/23/2000 and 02/23/2005

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 02/23/2000 and 02/23/2005

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



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

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

Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 12.1:

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

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

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

Item 12.2:

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

Condition 13: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 13.1:

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

Condition 14: Compliance Requirements
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Item 14.1:

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

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

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

Item 14.2:

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

0i. 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 14.3:

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.



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Item 14.4:

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 15: Federally-Enforceable Requirements
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 15.1:

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

Condition 16: Fees
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 16.1:

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

Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 17.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Item 17.2:



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

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. 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 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 18.1:

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Condition 19: Permit Shield
Effective between the dates of 02/23/2000 and 02/23/2005

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Applicable Federal Requirement: 6NYCRR 201-6.

Item 19.1:

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

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

Condition 20: Property Rights

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 20.1:

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

Condition 21: Reopening for Cause

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 21.1:

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

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



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

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 21.2:

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

Item 21.3:

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

Condition 22: Right to Inspect

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 22.1:

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

i. Enter upon the permittee's premises where the permitted facility is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

iii. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

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

Condition 23: Severability

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Item 23.1:

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 24: Emission Unit Definition

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 24.1:

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

Emission Unit: R-00001

Emission Unit Description:

Emission Unit R-00001 consists of two boilers, each with a heat input capacity of greater than 250 mmBtu/hr. Pulverized bituminous coal is the primary fuel and #2 fuel oil is the start-up fuel. Occasionally supplemental fuels including #2 fuel oil, waste oil, chemical wastes and coal tar may be burned with the coal. Each unit uses an electrostatic precipitator (ESP) to control particulate emissions. One package boiler that fires natural gas is also ducted to Emission Unit R-00001.

Building(s): UNIT 1/4

Item 24.2:

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

Emission Unit: R-00002

Emission Unit Description:

Emission Unit R-00002 consists of two boilers, each with a heat input capacity of greater than 250 mmBtu/hr. Pulverized bituminous coal is the primary fuel and #2 fuel oil is the start-up fuel. Occasionally supplemental fuels including #2 fuel oil, waste oil, chemical wastes and coal tar may be burned with the coal. Each unit uses an electrostatic precipitator (ESP) to control particulate emissions.

Building(s): UNIT 1/4

Item 24.3:

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

Emission Unit: R-00003

Emission Unit Description:

Emission Unit R-00003 includes the activities associated with handling coal at the facility. Coal is delivered to the facility by train to an enclosure where it is bottom



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

loaded directly into a conveyor system that transfers the coal to an on-site storage pile. From the storage pile, the conveyor system transfers the coal to a bunker, then to an enclosed feeder and pulverizing system that is under vacuum. Pulverized coal is then fed into the boilers.

Building(s): COAL MOVE

Condition 25: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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 anniversary date of the effective date of this permit.

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

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Karl Mangels, 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 can be found in the general conditions of the DEC general conditions area of the permit. 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 (ANNIVERSARY)
Initial Report Due: 03/24/2001 for the period 02/23/2000 through 02/22/2001

Condition 26: Required emissions tests
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 26.1:

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 27: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

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 YEAR)

Reports due by April 15th for previous calendar year

Condition 28: Recordkeeping requirements
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 28.1:

(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 29: Visible emissions limited.
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 211.3

Item 29.1:

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 30: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 215.

Item 30.1:

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 31: Emission and fuel monitoring methods.
Effective between the dates of 02/23/2000 and 02/23/2005



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Applicable Federal Requirement: 6NYCRR 225-1.7

Item 31.1:

Facilities subject to Part 225-1 shall comply with the emission and fuel monitoring methods and requirements of this section 6 NYCRR 225-1.7.

Condition 32: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

d Applicable Federal Requirement: 6NYCRR 225-1.8

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:

Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a maximum of three years.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.3(b)

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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Each piece of equipment which fires Waste Fuel A shall demonstrate, at a minimum, 99% combustion efficiency.

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: WASTE OIL
Parameter Monitored: COMBUSTION EFFICIENCY
Lower Limit of Monitoring: 99.0 percent
Monitoring Frequency: CONTINUOUS
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 34: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Fuel contaminat limitations for Polychlorinated
Biphenyls.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: POLYCHLORINATED BIPHENYLS (48%CL)

Upper Limit of Monitoring: 49.99 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL
CHANGE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 35: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

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: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Monitoring Description:

Fuel contaminat limitations for total halogens.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: CHLORINE

Upper Limit of Monitoring: 1000.0 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL
CHANGE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 36: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Fuel contaminat limitations for lead.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: LEAD

Upper Limit of Monitoring: 250.0 parts per million by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL
CHANGE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel heat content - minimum required

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: HEAT CONTENT

Lower Limit of Monitoring: 125000.0 British thermal units per gallon

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.4(b)

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Fuel contaminant limitations for sulfur.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE OIL

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 1.5 percent by weight

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.7(a)

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As required the facility shall sample, analyze, and measure all quantities of waste fuel received and/or fired at the facility. Emissions and/or operations monitoring shall be conducted in a manner suitable to the representative of the commissioner. The facility shall maintain records of quantities of waste fuel B received and the names and addresses of waste Fuel B suppliers for three calendar years.

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 40: Availability of records for Department inspection.
Effective between the dates of 02/23/2000 and 02/23/2005**

Applicable Federal Requirement: 6NYCRR 225-2.7(d)

Item 40.1:

Any person required to maintain and retain records pursuant to this section must make such records available for inspection by the commissioner or his representative during normal business hours. Such person(s) must furnish copies of such records to the commissioner or his representative upon request.

**Condition 41: Sampling and analysis requirements.
Effective between the dates of 02/23/2000 and 02/23/2005**

Applicable Federal Requirement: 6NYCRR 225-2.7(e)

Item 41.1:

Sampling and analysis of waste fuel samples must be carried out in accordance with methods acceptable to the commissioner.

**Condition 42: Corrective action.
Effective between the dates of 02/23/2000 and 02/23/2005**

Applicable Federal Requirement: 6NYCRR 227-1.6(a)

Item 42.1:

Any facility found in violation of the provisions of this Part shall not cause, permit, or allow the operation



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

of the affected stationary combustion installation unless:

- (1) it is equipped with approved emission control equipment;
- (2) it is rehabilitated or upgraded in an approved manner; or
- (3) the fuel is changed to an acceptable type.

Condition 43: Corrective action.

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.6(b)

Item 43.1:

The commissioner may seal the affected stationary combustion installation that does not comply with the provisions in subdivision 6 NYCRR 227-1.6(a) within the time provided.

Condition 44: Corrective action.

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.6(c)

Item 44.1:

No person shall cause, permit, or allow the operation of any affected stationary combustion installation sealed by the commissioner in accordance with this section.

Condition 45: Corrective action.

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.6(d)

Item 45.1:

No person except the commissioner or his representative shall remove, tamper with, or destroy any seal affixed to any affected stationary combustion installation.

Condition 46: Emissions data requirements.

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.7(b)

Item 46.1:

Sampling, compositing, and analysis of fuel samples shall be conducted in accordance with methods acceptable to the commissioner.

Condition 47: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-2.5(b)

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Item 47.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 47.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Facility wide averaging of NOx emissions is allowed as per compliance plan submitted by RG&E after approval by the Department. A limit of 0.42 pounds per million BTUs heat input for very large, tangential, dry bottom coal fired boilers as required by 6 NYCRR Part 227-2.4 (a) (1) applies to this facility. CEMS requirements are contained in 6 NYCRR Part 227-2.6(b). The 24 hour averaging time will apply only in the ozone season from May 1 through September 15.

Upper Limit of Monitoring: 0.42 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 48: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-2.5(b)

Item 48.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 48.2:

Compliance Certification shall include the following monitoring:

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



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Monitoring Description:

Facility wide averaging of NOx emissions is allowed as per compliance plan submitted by RG&E after approval by the Department. A limit of 0.42 pounds per million BTUs heat input for very large, tangential, dry bottom coal fired boilers as required by 6 NYCRR Part 227-2.4 (a) (1) applies to this facility. CEMS requirements are contained in 6 NYCRR Part 227-2.6(b). The 30 day rolling averaging time will apply only in the non-ozone season from September 16 through April 30.

Upper Limit of Monitoring: 0.42 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 49: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 40CFR 72.

Item 49.1:

The Compliance Certification activity will be performed for the Facility.

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Paragraph 1:

SO2 Allowance Allocations and NOx Requirements for each affected unit.

Applicable Federal Requirement: 40 CFR Part 73, 76

Item 1.1:

Total annual phase II SO2 allowances (1) from table 2 of 40 CFR 73:

Allowance 2000-2009:

Unit 1 1093

Unit 2 1625

Unit 3 1586

Unit 4 2212



Allowance 2010 and thereafter:

Unit 1 1095
Unit 2 1629

Unit 3 1589
Unit 4 2217

NOx limit (2) (3): 0.40 lb/mmbtu for all units

NOTES:

(1) The number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA; however, this would not necessitate a revision to the unit SO₂ allowance allocations identified in this permit (See 40 CFR 72.84).

(2) Pursuant to 40 CFR part 76, a NO_x standard emission limitation compliance plan is approved for units 1, 2, 3 and 4. The NO_x compliance plan is effective beginning on January 1, 2000. Under the NO_x compliance plan, each unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR part 75, shall not exceed the applicable emission limitation, under 40 CFR 76.7(a), of 0.40 lb/MMBtu for each tangentially-fired boiler.

(3) In addition to the described NO_x compliance plan, these units shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

Paragraph 2:
Phase II Permit

Applicable Federal Requirement: 40 CFR Part 72,
75

Item 2.1:

(a) The owners and operators shall comply with all of the standard requirements and special provisions set forth on the attached Phase II Permit Application for each affected unit.

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



(b) This permit does not relieve the permittee from compliance with applicable state and federal air pollution control rules and regulations.

(c) The permittee is required to have sufficient SO₂ allowances in its possession to cover the SO₂ emissions generated from this facility.

(d) Annual compliance certification reports shall be submitted and contain information as required in 40 CFR 72 subpart I. All required reports shall be submitted within 60 days after the end of the calendar year to the U.S. EPA Administrator and to the NYSDEC as listed below:

U.S. EPA
Acid Rain Division
401 M Street, SW (6204J)
Washington, DC 20460

New York State Department of Environmental
Conservation
Region 8
Division of Air Resources
6274 East Avon Lima Road
Avon, NY 14414-9515

New York State Department of Environmental
Conservation
Division of Air Resources
50 Wolf Road
Albany, NY 12233-3258

(e) The facility must certify, operate and maintain and continuous monitoring systems for opacity, SO₂ emissions, NO_x emissions, CO₂ emissions and volumetric flow rate in accordance with the requirements of 40 CFR Part 75. All required reports shall be submitted within 60 days after the end of the calendar year to the U.S. EPA Administrator and to the NYSDEC as listed below:

U.S. EPA
Acid Rain Division
401 M Street, SW (6204J)
Washington, DC 20460

New York State Department of Environmental

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Conservation
Region 8
Division of Air Resources
6274 East Avon Lima Road
Avon, NY 14414-9515

New York State Department of Environmental
Conservation
Division of Air Resources
50 Wolf Road
Albany, NY 12233-3258

Monitoring Frequency: CONTINUOUS
Reporting Requirements: ANNUALLY (CALENDAR YEAR)
Reports due by January 30th for previous calendar year

Condition 50: Recycling and Emissions Reduction
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 50.1:

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** ****

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Condition 51: Emission Point Definition By Emission Unit
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 51.1:

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

Emission Unit: R-00001

Emission Point: 0001R

Height (ft.): 250

Diameter (in.): 189

NYTMN (km.): 4794.021 NYTME (km.): 286.429 Building: UNIT 1/4

Item 51.2:

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

Emission Unit: R-00002

Emission Point: 0002R

Height (ft.): 250

Diameter (in.): 189

NYTMN (km.): 4794.021 NYTME (km.): 286.429 Building: UNIT 1/4

Item 51.3:

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

Emission Unit: R-00003

Emission Point: FUGIT

Height (ft.): 0

Diameter (in.): 1

NYTMN (km.): 4794.021 NYTME (km.): 286.429 Building: COAL MOVE

Condition 52: Process Definition By Emission Unit
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 52.1:

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

Emission Unit: R-00001

Process: CR1

Source Classification Code: 1-01-002-12

Process Description:

ONE PULVERIZED, BITUMINOUS COAL-FIRED, DRY
BOTTOM, TANGENTIALLY FIRED STATIONARY
COMBUSTION UNIT RATED AT >250 MMBTU/HR
GENERATING ELECTRICITY FOR SALE.

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



PARTICULATE EMISSIONS ARE CONTROLLED BY AN
ESP.

Emission Source/Control: UN001 - Combustion

Emission Source/Control: K001R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.2:

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

Emission Unit: R-00001

Process: CR2

Source Classification Code: 1-01-002-12

Process Description:

ONE PULVERIZED, BITUMINOUS COAL-FIRED, DRY
BOTTOM, TANGENTIALLY FIRED STATIONARY
COMBUSTION UNIT RATED AT >250 MMBTU/HR
GENERATING ELECTRICITY FOR SALE.
PARTICULATE EMISSIONS ARE CONTROLLED BY AN
ESP.

Emission Source/Control: UN002 - Combustion

Emission Source/Control: K002R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.3:

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

Emission Unit: R-00001

Process: CT1

Source Classification Code: 1-01-012-01

Process Description:

NON-HAZARDOUS COAL TAR/COAL TAR SOIL WILL
BE FIRED WITH COAL AT A MAXIMUM RATE OF 10%
OF THE COAL FEED RATE. THE MAXIMUM AMOUNT
OF COAL TAR/COAL TAR SOIL BURNED AT RUSSELL
UNIT 1 WILL BE 5,000 TONS PER YEAR.

Emission Source/Control: UN001 - Combustion

Emission Source/Control: K001R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.4:

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

Emission Unit: R-00001

Process: CT2

Source Classification Code: 1-01-012-01



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Process Description:

NON-HAZARDOUS COAL TAR/COAL TAR SOIL WILL BE FIRED WITH COAL AT A MAXIMUM RATE OF 10% OF THE COAL FEED RATE. THE MAXIMUM AMOUNT OF COAL TAR/COAL TAR SOIL BURNED AT RUSSELL UNIT 2 WILL BE 5,000 TONS PER YEAR.

Emission Source/Control: UN002 - Combustion

Emission Source/Control: K002R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.5:

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

Emission Unit: R-00001

Process: CW1

Source Classification Code: 1-01-013-01

Process Description:

UNIT 1 WILL INCINERATE, DURING COAL BURNING, ORGANIC CHEMICAL WASTE CONTAINING AMMONIATED EDTA GENERATED DURING THE CLEANING OF RG&E BOILERS ON AN ANNUAL BASIS. RG&E WILL ABIDE BY THE FOLLOWING RESTRICTIONS: A) THE WASTEWATER WILL BE TESTED TO VERIFY THE WASTE CLASSIFICATION OF THE SOLUTION LEAVING THE BOILER. ANY HAZARDOUS WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH 6 NYCRR PART 370. B) ALL NON-HAZARDOUS WASTEWATER WILL BE COLLECTED IN A TANK. C) AS SOON AS THE CLEANING PROCESS IS COMPLETE, THE SOLUTION WILL BE FED AT A RATE NOT TO EXCEED 50 GALLONS PER MINUTE FOR INCINERATION. D) THE BURN RATE WILL BE ADJUSTED AS NECESSARY TO MAINTAIN THE AVERAGE STACK OPACITY BELOW 20%

Emission Source/Control: UN001 - Combustion

Emission Source/Control: K001R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.6:

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

Emission Unit: R-00001

Process: CW2

Source Classification Code: 1-01-013-01

Process Description:

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



UNIT 2 WILL INCINERATE, DURING COAL BURNING, ORGANIC CHEMICAL WASTE CONTAINING AMMONIATED EDTA GENERATED DURING THE CLEANING OF RG&E BOILERS ON AN ANNUAL BASIS. RG&E WILL ABIDE BY THE FOLLOWING RESTRICTIONS: A) THE WASTEWATER WILL BE TESTED TO VERIFY THE WASTE CLASSIFICATION OF THE SOLUTION LEAVING THE BOILER. ANY HAZARDOUS WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH 6 NYCRR PART 370. B) ALL NON-HAZARDOUS WASTEWATER WILL BE COLLECTED IN A TANK. C) AS SOON AS THE CLEANING PROCESS IS COMPLETE, THE SOLUTION WILL BE FED AT A RATE NOT TO EXCEED 50 GALLONS PER MINUTE FOR INCINERATION. D) THE BURN RATE WILL BE ADJUSTED AS NECESSARY TO MAINTAIN THE AVERAGE STACK OPACITY BELOW 20%

Emission Source/Control: UN002 - Combustion

Emission Source/Control: K002R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.7:

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

Emission Unit: R-00001
Process: OI1
Source Classification Code: 1-01-005-01
Process Description:
#2 FUEL OIL MAY BE CO-BURNED WITH COAL TO UP TO 1/3 OF THE MAXIMUM HEAT INPUT OF THE UNIT. IN ADDITION, #2 FUEL OIL MAY BE FIRED FOR FLAME STABILIZATION, STARTUPS, AND SHUTDOWNS. PARTICULATE EMISSIONS ARE CONTROLLED BY AN ESP.

Emission Source/Control: UN001 - Combustion

Emission Source/Control: K001R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.8:

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

Emission Unit: R-00001
Process: OI2
Source Classification Code: 1-01-005-01
Process Description:

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



#2 FUEL OIL MAY BE CO-BURNED WITH COAL TO UP TO 1/3 OF THE MAXIMUM HEAT INPUT OF THE UNIT. IN ADDITION, #2 FUEL OIL MAY BE FIRED FOR FLAME STABILIZATION, STARTUPS, AND SHUTDOWNS. PARTICULATE EMISSIONS ARE CONTROLLED BY AN ESP.

Emission Source/Control: UN002 - Combustion

Emission Source/Control: K002R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.9:

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

Emission Unit: R-00001

Process: WO1

Source Classification Code: 1-01-013-02

Process Description:

NON-HAZARDOUS WASTE OIL GENERATED AT RG&E FACILITIES WILL BE INCINERATED, DURING COAL BURNING, IN ACCORDANCE WITH THE FOLLOWING CONDITIONS. A) THE QUANTITY OF NON-HAZARDOUS WASTE OIL TO BE INCINERATED IN UNIT 1 IS LIMITED TO NO MORE THAN 36,000 GALLONS PER YEAR. B) EACH BATCH OF WASTE OIL WILL BE ANALYZED TO DEMONSTRATE COMPLIANCE WITH 6 NYCRR PART 225-2. C) THE RESULTS OF THESE ANALYSES WILL BE MADE AVAILABLE TO NYSDEC AND USEPA REPRESENTATIVES ON DEMAND.

Emission Source/Control: UN001 - Combustion

Emission Source/Control: K001R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.10:

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

Emission Unit: R-00001

Process: WO2

Source Classification Code: 1-01-013-02

Process Description:

NON-HAZARDOUS WASTE OIL GENERATED AT RG&E FACILITIES WILL BE INCINERATED, DURING COAL BURNING, IN ACCORDANCE WITH THE FOLLOWING CONDITIONS. A) THE QUANTITY OF NON-HAZARDOUS WASTE OIL TO BE INCINERATED IN UNIT 2 IS LIMITED TO NO MORE THAN 36,000



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

GALLONS PER YEAR. B) EACH BATCH OF WASTE OIL WILL BE ANALYZED TO DEMONSTRATE COMPLIANCE WITH 6 NYCRR PART 225-2. C) THE RESULTS OF THESE ANALYSES WILL BE MADE AVAILABLE TO NYSDEC AND USEPA REPRESENTATIVES ON DEMAND.

Emission Source/Control: UN002 - Combustion

Emission Source/Control: K002R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.11:

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

Emission Unit: R-00002

Process: CR3

Source Classification Code: 1-01-002-12

Process Description:

ONE PULVERIZED, BITUMINOUS COAL-FIRED, DRY BOTTOM, TANGENTIALLY FIRED STATIONARY COMBUSTION UNIT RATED AT >250 MMBTU/HR GENERATING ELECTRICITY FOR SALE. PARTICULATE EMISSIONS ARE CONTROLLED BY AN ESP.

Emission Source/Control: UN003 - Combustion

Emission Source/Control: K003R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.12:

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

Emission Unit: R-00002

Process: CR4

Source Classification Code: 1-01-002-12

Process Description:

ONE PULVERIZED, BITUMINOUS COAL FIRED, DRY BOTTOM, TANGENTIALLY FIRED STATIONARY COMBUSTION UNIT RATED AT >250 MMBTU/HR GENERATING ELECTRICITY FOR SALE. PARTICULATE EMISSIONS ARE CONTROLLED BY AN ESP.

Emission Source/Control: UN004 - Combustion

Emission Source/Control: K004R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Item 52.13:

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

0 Emission Unit: R-00002

Process: CT3

Source Classification Code: 1-01-012-01

Process Description:

NON-HAZARDOUS COAL TAR/COAL TAR SOIL WILL BE FIRED WITH COAL AT A MAXIMUM RATE OF 10% OF THE COAL FEED RATE. THE MAXIMUM AMOUNT OF COAL TAR/COAL TAR SOIL BURNED AT RUSSELL UNIT 3 WILL BE 5,000 TONS PER YEAR.

Emission Source/Control: UN003 - Combustion

Emission Source/Control: K003R - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.14:

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

Emission Unit: R-00002

Process: CT4

Source Classification Code: 1-01-012-01

Process Description:

NON-HAZARDOUS COAL TAR/COAL TAR SOIL WILL BE FIRED WITH COAL AT A MAXIMUM RATE OF 10% OF THE COAL FEED RATE. THE MAXIMUM AMOUNT OF COAL TAR/COAL TAR SOIL BURNED AT RUSSELL UNIT 4 WILL BE 5,000 TONS PER YEAR.

Emission Source/Control: UN004 - Combustion

Emission Source/Control: K004R - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.15:

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

Emission Unit: R-00002

Process: CW3

Source Classification Code: 1-01-013-01

Process Description:

UNIT 3 WILL INCINERATE, DURING COAL BURNING, ORGANIC CHEMICAL WASTE CONTAINING AMMONIATED EDTA GENERATED DURING THE CLEANING OF RG&E BOILERS ON AN ANNUAL BASIS. RG&E WILL ABIDE BY THE FOLLOWING RESTRICTIONS: A) THE WASTEWATER WILL BE TESTED TO VERIFY THE WASTE CLASSIFICATION OF THE SOLUTION LEAVING THE BOILER. ANY



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

HAZARDOUS WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH 6 NYCRR PART 370. B) ALL NON-HAZARDOUS WASTEWATER WILL BE COLLECTED IN A TANK. C) AS SOON AS THE CLEANING PROCESS IS COMPLETE, THE SOLUTION WILL BE FED AT A RATE NOT TO EXCEED 50 GALLONS PER MINUTE FOR INCINERATION. D) THE BURN RATE WILL BE ADJUSTED AS NECESSARY TO MAINTAIN THE AVERAGE STACK OPACITY BELOW 20%

Emission Source/Control: UN003 - Combustion

Emission Source/Control: K003R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.16:

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

Emission Unit: R-00002

Process: CW4

Source Classification Code: 1-01-013-01

Process Description:

UNIT 4 WILL INCINERATE, DURING COAL BURNING, ORGANIC CHEMICAL WASTE CONTAINING AMMONIATED EDTA GENERATED DURING THE CLEANING OF RG&E BOILERS ON AN ANNUAL BASIS. RG&E WILL ABIDE BY THE FOLLOWING RESTRICTIONS: A) THE WASTEWATER WILL BE TESTED TO VERIFY THE WASTE CLASSIFICATION OF THE SOLUTION LEAVING THE BOILER. ANY HAZARDOUS WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH 6 NYCRR PART 370. B) ALL NON-HAZARDOUS WASTEWATER WILL BE COLLECTED IN A TANK. C) AS SOON AS THE CLEANING PROCESS IS COMPLETE, THE SOLUTION WILL BE FED AT A RATE NOT TO EXCEED 50 GALLONS PER MINUTE FOR INCINERATION. D) THE BURN RATE WILL BE ADJUSTED AS NECESSARY TO MAINTAIN THE AVERAGE STACK OPACITY BELOW 20%

Emission Source/Control: UN004 - Combustion

Emission Source/Control: K004R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.17:

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

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Emission Unit: R-00002

Process: OI3

Source Classification Code: 1-01-005-01

Process Description:

#2 FUEL OIL MAY BE CO-BURNED WITH COAL TO UP TO 1/3 OF THE MAXIMUM HEAT INPUT OF THE UNIT. IN ADDITION, #2 FUEL OIL MAY BE FIRED FOR FLAME STABILIZATION, STARTUPS, AND SHUTDOWNS. PARTICULATE EMISSIONS ARE CONTROLLED BY AN ESP.

Emission Source/Control: UN003 - Combustion

Emission Source/Control: K003R - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.18:

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

Emission Unit: R-00002

Process: OI4

Source Classification Code: 1-01-005-01

Process Description:

#2 FUEL OIL MAY BE CO-BURNED WITH COAL TO UP TO 1/3 OF THE MAXIMUM HEAT INPUT OF THE UNIT. IN ADDITION, #2 FUEL OIL MAY BE FIRED FOR FLAME STABILIZATION, STARTUPS, AND SHUTDOWNS. PARTICULATE EMISSIONS ARE CONTROLLED BY AN ESP.

Emission Source/Control: UN004 - Combustion

Emission Source/Control: K004R - Control

Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.19:

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

Emission Unit: R-00002

Process: WO3

Source Classification Code: 1-01-013-02

Process Description:

NON-HAZARDOUS WASTE OIL GENERATED AT RG&E FACILITIES WILL BE INCINERATED, DURING COAL BURNING, IN ACCORDANCE WITH THE FOLLOWING CONDITIONS. A) THE QUANTITY OF NON-HAZARDOUS WASTE OIL TO BE INCINERATED IN UNIT 3 IS LIMITED TO NO MORE THAN 36,000 GALLONS PER YEAR. B) EACH BATCH OF WASTE OIL WILL BE ANALYZED TO DEMONSTRATE

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



COMPLIANCE WITH 6 NYCRR PART 225-2. C) THE RESULTS OF THESE ANALYSES WILL BE MADE AVAILABLE TO NYSDEC AND USEPA REPRESENTATIVES ON DEMAND.

Emission Source/Control: UN003 - Combustion

Emission Source/Control: K003R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.20:

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

Emission Unit: R-00002

Process: WO4

Source Classification Code: 1-01-013-02

Process Description:

NON-HAZARDOUS WASTE OIL GENERATED AT RG&E FACILITIES WILL BE INCINERATED, DURING COAL BURNING, IN ACCORDANCE WITH THE FOLLOWING CONDITIONS. A) THE QUANTITY OF NON-HAZARDOUS WASTE OIL TO BE INCINERATED IN UNIT 4 IS LIMITED TO NO MORE THAN 36,000 GALLONS PER YEAR. B) EACH BATCH OF WASTE OIL WILL BE ANALYZED TO DEMONSTRATE COMPLIANCE WITH 6 NYCRR PART 225-2. C) THE RESULTS OF THESE ANALYSES WILL BE MADE AVAILABLE TO NYSDEC AND USEPA REPRESENTATIVES ON DEMAND.

Emission Source/Control: UN004 - Combustion

Emission Source/Control: K004R - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Item 52.21:

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

Emission Unit: R-00003

Process: R01

Source Classification Code: 3-03-003-16

Process Description:

Emission Unit R-00003 includes the activities associated with handling coal at the facility. Coal is delivered to the facility by train to an enclosure where it is bottom loaded directly into a conveyor system that transfers the coal to an on-site storage pile. From the storage pile, the conveyor system transfers the coal to a bunker, then to an enclosed feeder and pulverizing system that is under vacuum. Pulverized coal is then fed into the boilers.

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Emission Source/Control: RCHAN - Process

Condition 53: Mandatory episode action plan
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 207.2(a)

Item 53.1:

This Condition applies to Emission Unit: R-00001

Item 53.2:

An episode action plan for this source of air contamination must be submitted within 90 days upon the request of the Commissioner. The plan shall contain detailed steps which will be taken by the owner to reduce air contaminant emissions during each stage of an air pollution episode.

Condition 54: Episode action plans.
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 207.3(d)

Item 54.1:

This Condition applies to Emission Unit: R-00001

Item 54.2:

Any person who owns an air contamination source for which an episode action plan has been issued or approved shall take whatever actions are prescribed by this episode action plan when an air pollution episode is in effect.

Condition 55: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.7(a)(1)

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00001

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Combustion of non-hazardous chemical waste from boiler cleaning operations in processes CW1 and CW2. The facility is limited to combustion of no more than 140000



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

gallons of liquid per year containing no more than 140000
pounds of ammoniated ethylene diaminetetraacetic acid.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE MATERIAL

Parameter Monitored: VOLUME

Upper Limit of Monitoring: 140000 gallons per year

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL
CHANGE

Averaging Method: ANNUAL TOTAL

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 56: Interpolation method for standards of particulate matter
from solid fuel firing equipment.
Effective between the dates of 02/23/2000 and 02/23/2005**

Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)

0

Item 56.1:

This Condition applies to Emission Unit: R-00001

Item 56.2:

The following equation shall be used to determine the applicable particulate matter emission rate for a stationary combustion installations with a total heat input between 10-10,000 mmBtu/hr:

$$E = 1.0/p^{0.22}$$

where:

E = permissible emission rate in lb/million Btu

p = total heat input in mmBtu/hr.

**Condition 57: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005**

Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00001

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

Item 57.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for any sized boiler firing solid fuel and not subject to the provisions of 6 NYCRR 227-1.2(a)(3).

Parameter Monitored: PARTICULATES

Upper Limit of Monitoring: 0.21 pounds per million Btus

Reference Test Method: 40CFR60 ApA Me5

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 58: Multiple combustion sources.
Effective between the dates of 02/23/2000 and 02/23/2005**

Applicable Federal Requirement: 6NYCRR 227-1.2(b)

Item 58.1:

This Condition applies to Emission Unit: R-00001

Item 58.2:

The total heat input of all furnaces connected to the same stack or pollution control device shall be used to calculate the permissible particulate emission rate.

**Condition 59: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005**

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

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00001

Item 59.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Parameter Monitored: OPACITY
Upper Limit of Monitoring: 20 percent
Reference Test Method: 40 CFR 60 Ap A Me 9
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR YEAR)
Reports due 30 days after each calendar quarter (January - March, April - June,
July - September, October - December)

Condition 60: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.4(b)

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00001

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity monitoring system (COMS) shall include the following in their quarterly excess emission reports:

- 1) Magnitude, date, and time of each exceedence;
- 2) For each period of excess emissions, specific identification of the cause and corrective action taken;
- 3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;
- 4) Total time the COMS is required to record data during the reporting period;
- 5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and
- 6) Such other requirements as the Department may deem



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

necessary in order to enforce Article 19 of the
Environmental Conservation Law (ECL).

Reference Test Method: 40 CFR 60 Ap A Me 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 61: Multiple fuels particulate matter emission rate.
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.5

Item 61.1:

This Condition applies to Emission Unit: R-00001

Item 61.2:

When two or more different fuels are burned simultaneously in a single furnace of a stationary combustion installation, the permissible emission rate for a contaminant shall be the sum of the permissible emission rates of the contaminant for each fuel multiplied by the heat derived from such fuel.

Condition 62: Mandatory episode action plan
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 207.2(a)

Item 62.1:

This Condition applies to Emission Unit: R-00002

Item 62.2:

An episode action plan for this source of air contamination must be submitted within 90 days upon the request of the Commissioner. The plan shall contain detailed steps which will be taken by the owner to reduce air contaminant emissions during each stage of an air pollution episode.

Condition 63: Episode action plans.
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 207.3(d)

Item 63.1:

This Condition applies to Emission Unit: R-00002

Item 63.2:

Any person who owns an air contamination source for which an episode action plan has been issued or approved shall take whatever actions are prescribed by this episode action plan when an air pollution



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

episode is in effect.

Condition 64: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 225-2.7(a)(1)

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00002

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Combustion of non-hazardous chemical waste from boiler cleaning operations in processes CW3 and CW4. The facility is limited to combustion of no more than 140000 gallons of liquid per year containing no more than 140000 pounds of ammoniated ethylene diaminetetraacetic acid.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE MATERIAL

Parameter Monitored: VOLUME

Upper Limit of Monitoring: 140000 gallons per year

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: ANNUAL TOTAL

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 65: Interpolation method for standards of particulate matter from solid fuel firing equipment.

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)

Item 65.1:

This Condition applies to Emission Unit: R-00002

Item 65.2:

The following equation shall be used to determine the applicable particulate matter emission rate for a stationary combustion installations with a total heat input between 10-10,000 mmBtu/hr:

$$E = 1.0/p^{0.22}$$

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



where:

E = permissible emission rate in lb/million Btu

p = total heat input in mmBtu/hr.

Condition 66: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.2(a)(4)

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00002

Regulated Contaminant:

CAS No: 0NY075-00-0

Name: PARTICULATES

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for any sized boiler firing
solid fuel and not subject to the provisions of 6 NYCRR
227-1.2(a)(3).

Parameter Monitored: PARTICULATES

Upper Limit of Monitoring: 0.2 pounds per million Btus

Reference Test Method: 40CFR60 ApA Me5

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 67: Multiple combustion sources.
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.2(b)

Item 67.1:

This Condition applies to Emission Unit: R-00002

Item 67.2:

The total heat input of all furnaces connected to the same stack or pollution control device shall be used to calculate the permissible particulate emission rate.



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Condition 68: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

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

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00002

Item 68.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Reference Test Method: 40 CFR 60 Ap A Me 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 69: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable Federal Requirement: 6NYCRR 227-1.4(b)

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00002

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



monitoring system (COMS) shall include the following in their quarterly excess emission reports:

- 1) Magnitude, date, and time of each exceedence;
- 2) For each period of excess emissions, specific identification of the cause and corrective action taken;
- 3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;
- 4) Total time the COMS is required to record data during the reporting period;
- 5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and
- 6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

Reference Test Method: 40 CFR 60 Ap A Me 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

**Condition 70: Multiple fuels particulate matter emission rate.
Effective between the dates of 02/23/2000 and 02/23/2005**

Applicable Federal Requirement: 6NYCRR 227-1.5

Item 70.1:

This Condition applies to Emission Unit: R-00002

Item 70.2:

When two or more different fuels are burned simultaneously in a single furnace of a stationary combustion installation, the permissible emission rate for a contaminant shall be the sum of the permissible emission rates of the contaminant for each fuel multiplied by the heat derived from such fuel.

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 71: General Provisions

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 201-5.

Item 71.1:

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 71.2:

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 71.3:

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 72: Contaminant List

Effective between the dates of 02/23/2000 and 02/23/2005

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

Item 72.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Condition 73: Air pollution prohibited
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 211.2

Item 73.1:

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 74: Diesel truck opacity limitation
Effective between the dates of 02/23/2000 and 02/23/2005

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

Item 74.1:

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 75: Idling of diesel trucks limited
Effective between the dates of 02/23/2000 and 02/23/2005

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

Item 75.1:

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.

Condition 76: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 225-1.2(a)(2)

Item 76.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Three-month average sulfur content allowed for solid fuel.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER SOLID FUELS

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 1.9 pounds per million Btus

Reference Test Method: 40CFR60 ApA Me6C

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-MONTH AVERAGE ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 77: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 225-1.2(a)(2)

Item 77.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Maximum sulfur content allowed per batch of solid fuel.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER SOLID FUELS

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 2.5 pounds per million Btus

Reference Test Method: 40CFR60 ApA Me6C



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Monitoring Frequency: CONTINUOUS

Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 78: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 225-1.2(a)(2)

Item 78.1:

The Compliance Certification activity will be performed for the Facility.

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any
solid fuel which contains sulfur in a quantity exceeding
the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: OTHER SOLID FUELS

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 1.7 pounds per million Btus

Reference Test Method: 40CFR60 ApA Me6C

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 79: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 225-1.2(a)(2)

Item 79.1:

The Compliance Certification activity will be performed for the Facility.

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Monitoring Description:

No person will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the following limitation. This limitation applies in all areas of New York with the exception of the Suffolk County Towns of Babylon, Brookhaven, Huntington, Islip and Smithtown and the Erie County areas of the City of Lackawanna and South Buffalo.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

Condition 80: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 227-1.4

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00001

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An Opacity Incident Report (OIR) shall be prepared for each excess opacity event. An excess opacity event consists of one or more six minute periods in which the average opacity exceeds twenty percent, which are caused by the same event. Each OIR shall include a description of the sequence of events, an explanation of the cause of the event, a description of the corrective actions taken and any appropriate preventative measures. The OIR will be maintained on-site for a period of five years and shall be made available to the Department on demand. Written summaries of excess opacity emissions for each calendar

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



quarter with the magnitude and cause of excess opacity emissions shall be submitted each calendar quarter.

Corrective maintenance activities shall be performed as needed and documented on corrective action sheets. These sheets will be maintained on-site for five years.

The preventative maintenance program will include the following activities:

Each opacity monitor automatically performs a zero and span calibration check every 24 hours according to 40 CFR 60, PS1 specifications.

Daily zero and span calibration data are reviewed. Six minute opacity data from each unit are reviewed. Maintenance to correct any problems shall be documented. Quarterly opacity audits and an annual opacity monitor response time test according to 40 CFR 60, PS1 shall be performed and documented.

A quality assurance program consisting of quarterly data reviews and bi-annual program audits shall be implemented. Quarterly data reviews shall at a minimum consist of examination of opacity data collected during the quarter to assure that exceedance events are properly documented with an OIR and required notifications have been made. Quarterly reports shall include tabulation of opacity monitor downtime (except zero and span checks) and missing data.

Program audits shall be conducted by June 30 and December 31 of each year. The audits shall at a minimum consist of daily zero and span checks, annual calibration error assessment, and review of documentation to assure that all records, including OIR's and monitor maintenance documentation, are complete .

Reference Test Method: 40 CFR 60 ApA Me9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 81: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



Applicable State Requirement: 6NYCRR 227-1.4

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00001

Item 81.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity monitors shall be operated in accordance with the requirements of 40 CFR 60 and 75, and the manufacturers' specifications. A preventative maintenance program approved by the Commissioner will be implemented and shall include daily, quarterly, and bi-annual maintenance activities. Documentation for the quarterly and bi-annual activities shall be maintained on-site for five years.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Reference Test Method: 40 CFR 60 ApA Me 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 82: Compliance Certification

Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 227-1.4

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00002

Item 82.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity monitors shall be operated in accordance with the



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

requirements of 40 CFR 60 and 75, and the manufacturers' specifications. A preventative maintenance program approved by the Commissioner will be implemented and shall include daily, quarterly, and bi-annual maintenance activities. Documentation for the quarterly and bi-annual activities shall be maintained on-site for five years.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Reference Test Method: 40 CFR 60 ApA Me 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 83: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 227-1.4

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: R-00002

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An Opacity Incident Report (OIR) shall be prepared for each excess opacity event. An excess opacity event consists of one or more six minute periods in which the average opacity exceeds twenty percent, which are caused by the same event. Each OIR shall include a description of the sequence of events, an explanation of the cause of the event, a description of the corrective actions taken and any appropriate preventative measures. The OIR will be maintained on-site for a period of five years and shall be made available to the Department on demand. Written summaries of excess opacity emissions for each calendar quarter with the magnitude and cause of excess opacity emissions shall be submitted each calendar quarter.

Corrective maintenance activities shall be performed as needed and documented on corrective action sheets. These

New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068



sheets will be maintained on-site for five years.

The preventative maintenance program will include the following activities:

Each opacity monitor automatically performs a zero and span calibration check every 24 hours according to 40 CFR 60, PS1 specifications.

Daily zero and span calibration data are reviewed. Six minute opacity data from each unit are reviewed. Maintenance to correct any problems shall be documented. Quarterly opacity audits and an annual opacity monitor response time test according to 40 CFR 60, PS1 shall be performed and documented.

A quality assurance program consisting of quarterly data reviews and bi-annual program audits shall be implemented.

Quarterly data reviews shall at a minimum consist of examination of opacity data collected during the quarter to assure that exceedance events are properly documented with an OIR and required notifications have been made. Quarterly reports shall include tabulation of opacity monitor downtime (except zero and span checks) and missing data.

Program audits shall be conducted by June 30 and December 31 of each year. The audits shall at a minimum consist of daily zero and span checks, annual calibration error assessment, and review of documentation to assure that all records, including OIR's and monitor maintenance documentation, are complete .

Reference Test Method: 40 CFR 60 ApA Me9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR YEAR)

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

Condition 84: Compliance Certification
Effective between the dates of 02/23/2000 and 02/23/2005

Applicable State Requirement: 6NYCRR 212.6(a)

Item 84.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 8-2628-00068/00008

Facility DEC ID: 8262800068

Emission Unit: R-00003

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY