

**New York State Department of Environmental Conservation
Facility DEC ID: 7313200035**



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

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3132-00035/00034
Effective Date: 09/26/2007 Expiration Date: 09/25/2012

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 7-3132-00035/00036
Effective Date: 09/26/2007 Expiration Date: 09/25/2012

Permit Issued To: WPS SYRACUSE GENERATION LLC
1716 LAWRENCE DR
DE PERE, WI 54115

Contact: RANDAL G OSWALD
WPS RESOURCES CORP
700 N ADAMS ST PO BOX 19002
GREEN BAY, WI 54307
(902) 433-1395

Facility: WPS SYRACUSE GENERATION LLC
300 BELLE ISLE RD
SOLVAY, NY 13209

Description:

This permit is a renewal of the facility's Title V operating permit and issuance of a Title IV Acid Rain Permit.

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: JOANNE L MARCH
DIVISION OF ENVIRONMENTAL PERMITS
615 ERIE BLVD WEST
SYRACUSE, NY 13204-2400

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers

Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 7
SUBOFFICE

Submission of application for permit modification or renewal-REGION 7
HEADQUARTERS



DEC GENERAL CONDITIONS

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

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 2: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 2.1:

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 2.2:

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 2.3:

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

Item 4.1:

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 5: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 5.1:

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 5.2:

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.

Item 5.3:



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Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 9: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 9.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

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

Condition 11: Submission of Applications for Permit Modification or Renewal -REGION 7
SUBOFFICE
Applicable State Requirement: 6NYCRR 621.5(a)

Item 11.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Sub-office
Division of Environmental Permits
1285 Fisher Avenue
Cortland, NY 13045-1090
(607) 753-3095

Condition 14: Submission of application for permit modification or renewal-REGION 7
HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 14.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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1716 LAWRENCE DR
DE PERE, WI 54115

Facility: WPS SYRACUSE GENERATION LLC
300 BELLE ISLE RD
SOLVAY, NY 13209

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
4931 - ELEC & OTHER SERVICES COMBINED

Permit Effective Date: 09/26/2007

Permit Expiration Date: 09/25/2012



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(c)(3): Compliance Certification
- 25 6NYCRR 201-6.5(g): Non Applicable requirements
- 26 6NYCRR 204-1.6: Standard Requirements of 204-1.6
- 27 6NYCRR 204-2: Authorized account representatives
- 28 6NYCRR 204-4.1: Contents of reports and compliance certifications.
- 29 6NYCRR 204-4.1: Compliance Certification
- 30 6NYCRR 204-7.1: Submission of NOx allowance transfers.
- 31 6NYCRR 204-8.1: Referance to 40CFR and list of requirments.
- 32 6NYCRR 204-8.2: Requirements for recertification of monitoring systems.
- 33 6NYCRR 204-8.3: Out of control periods.
- 34 6NYCRR 204-8.4: Compliance Certification
- 35 6NYCRR 227-1.3: Compliance Certification
- 36 40CFR 52.21, Subpart A: Compliance Certification
- 37 40CFR 52.21, Subpart A: Compliance Certification
- 38 40CFR 52.21, Subpart A: Compliance Certification
- 39 40CFR 52.21, Subpart A: Compliance Certification



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- 40 40CFR 52.21, Subpart A: Compliance Certification
- 41 40CFR 60.334, NSPS Subpart GG: Compliance Certification

Emission Unit Level

- 42 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 43 6NYCRR 201-6: Process Definition By Emission Unit

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- 44 40CFR 52.21, Subpart A: Compliance Certification
- 45 40CFR 52.21, Subpart A: Compliance Certification
- 46 40CFR 52.21, Subpart A: Compliance Certification
- 47 40CFR 52.21, Subpart A: Compliance Certification
- 48 40CFR 52.21, Subpart A: Compliance Certification
- 49 40CFR 52.21, Subpart A: Compliance Certification
- 50 40CFR 52.21, Subpart A: Compliance Certification
- 51 40CFR 52.21, Subpart A: Compliance Certification
- 52 40CFR 52.21, Subpart A: Compliance Certification
- 53 40CFR 52.21, Subpart A: Compliance Certification
- 54 40CFR 52.21, Subpart A: Compliance Certification
- 55 40CFR 52.21, Subpart A: Compliance Certification
- 56 40CFR 60.334(b)(2), NSPS Subpart GG: Compliance Certification

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- 57 40CFR 52.21, Subpart A: Compliance Certification
- 58 40CFR 52.21, Subpart A: Compliance Certification
- 59 40CFR 52.21, Subpart A: Compliance Certification
- 60 40CFR 52.21, Subpart A: Compliance Certification
- 61 40CFR 52.21, Subpart A: Compliance Certification
- 62 40CFR 52.21, Subpart A: Compliance Certification
- 63 40CFR 52.21, Subpart A: Compliance Certification
- 64 40CFR 52.21, Subpart A: Compliance Certification
- 65 40CFR 52.21, Subpart A: Compliance Certification
- 66 40CFR 52.21, Subpart A: Compliance Certification

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- 67 40CFR 52.21, Subpart A: Compliance Certification
- 68 40CFR 52.21, Subpart A: Compliance Certification
- 69 40CFR 52.21, Subpart A: Compliance Certification
- 70 40CFR 52.21, Subpart A: Compliance Certification
- 71 40CFR 52.21, Subpart A: Compliance Certification
- 72 40CFR 52.21, Subpart A: Compliance Certification
- 73 40CFR 52.21, Subpart A: Compliance Certification
- 74 40CFR 52.21, Subpart A: Compliance Certification
- 75 40CFR 52.21, Subpart A: Compliance Certification
- 76 40CFR 52.21, Subpart A: Compliance Certification

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- 77 40CFR 52.21, Subpart A: Compliance Certification



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78 40CFR 52.21, Subpart A: Compliance Certification
79 40CFR 52.21, Subpart A: Compliance Certification
80 40CFR 52.21, Subpart A: Compliance Certification
81 40CFR 52.21, Subpart A: Compliance Certification
82 40CFR 52.21, Subpart A: Compliance Certification
83 40CFR 52.21, Subpart A: Compliance Certification
84 40CFR 52.21, Subpart A: Compliance Certification
85 40CFR 52.21, Subpart A: Compliance Certification
86 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,Proc=104

87 40CFR 52.21, Subpart A: Compliance Certification
88 40CFR 52.21, Subpart A: Compliance Certification
89 40CFR 52.21, Subpart A: Compliance Certification
90 40CFR 52.21, Subpart A: Compliance Certification
91 40CFR 52.21, Subpart A: Compliance Certification
92 40CFR 52.21, Subpart A: Compliance Certification
93 40CFR 52.21, Subpart A: Compliance Certification
94 40CFR 52.21, Subpart A: Compliance Certification
95 40CFR 52.21, Subpart A: Compliance Certification
96 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00001,Proc=DCT,ES=00005

97 40CFR 60.48c, NSPS Subpart Dc: Compliance Certification

EU=U-00001,EP=00001,Proc=101

98 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00005

99 40CFR 52.21, Subpart A: Compliance Certification
100 40CFR 52.21, Subpart A: Compliance Certification
101 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00005,Proc=501

102 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00006

103 40CFR 52.21, Subpart A: Compliance Certification
104 40CFR 52.21, Subpart A: Compliance Certification
105 40CFR 52.21, Subpart A: Compliance Certification

EU=U-00007

106 40CFR 52.21, Subpart A: Compliance Certification
107 40CFR 52.21, Subpart A: Compliance Certification
108 40CFR 52.21, Subpart A: Compliance Certification

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109 40CFR 52.21, Subpart A: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 110 ECL 19-0301: Contaminant List
- 111 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 112 6NYCRR 211.2: Air pollution prohibited
- 113 6NYCRR 237-1: NOx Acid Deposition Allowances
- 114 6NYCRR 237-2: ADR NOx Authorized Account Representative
- 115 6NYCRR 237-4.1: Compliance Demonstration
- 116 6NYCRR 237-7.1: Submission of NOx allowance transfers
- 117 6NYCRR 237-8: Comply with Subpart H
- 118 6NYCRR 238-1: Standard Requirements of 238-1
- 119 6NYCRR 238-2: ADR SO2 budget Authorized account representative
- 120 6NYCRR 238-4.1: Compliance Demonstration
- 121 6NYCRR 238-7.1: Submission of SO2 allowance transfers
- 122 6NYCRR 238-8: Comply with Part 75.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6NYCRR Part 201-1.5

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.

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to



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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.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

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 stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)

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



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order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

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

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

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.

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. 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

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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.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

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.

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



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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)

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.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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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 2: Fees

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(7)

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 3.1:

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(2)

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



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regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

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(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the

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following:

i. Compliance certifications shall contain:

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

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2



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

The address for the RAPCE is as follows:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements



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Applicable Federal Requirement: 6NYCRR 202-2.5

Item 8.1:

(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 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

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

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT
TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage



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Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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 the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 12.1:

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 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 13.1:

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 this Subpart. 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 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 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 14.1:

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



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Condition 15: Standard Requirement - Provide Information
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(4)

Item 15.1:

The owner and/or operator 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. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(a)(8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart 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 emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(d)(5)

Item 17.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance,



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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 18: Off Permit Changes
Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 19.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 211.3



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Item 20.1:

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 21: Accidental release provisions.

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 68

Item 21.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 22: Recycling and Emissions Reduction

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

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Condition 23: Emission Unit Definition

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Emission Unit: U-00001

Emission Unit Description:

Gas Turbine, heat recovery steam generator with duct burners, SCR.

Building(s): GENBLDG
YARD

Item 23.2:

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

Emission Unit: U-00005

Emission Unit Description:

EMERGENCY DIESEL POWERED GENERATOR.

Building(s): GENBLDG

Item 23.3:

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

Emission Unit: U-00006

Emission Unit Description:

BUILDING HEATING BOILER.

Building(s): GENBLDG

Item 23.4:

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

Emission Unit: U-00007

Emission Unit Description:

EMERGENCY DIESEL POWERED FIRE PUMP.

Building(s): GENBLDG

Condition 24: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.



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Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Condition 25: Non Applicable requirements
Effective between the dates of 09/26/2007 and 09/25/2012



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

Item 25.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

**Condition 26: Standard Requirements of 204-1.6
Effective between the dates of 09/26/2007 and 09/25/2012**

Applicable Federal Requirement: 6NYCRR 204-1.6

Item 26.1:

(1) The owners and operators of each NOx budget source and each NOx budget unit at the source shall hold NOx allowances available for compliance deductions under 6 NYCRR 204-6.5 as of the NOx allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total NOx emissions for the control period from the unit, as determined in accordance with 6 NYCRR 204-8.

(2) Each ton of nitrogen oxides emitted in excess of the NOx budget emissions limitation shall constitute a separate violation of this Part, the act, and applicable State law.

(3) A NOx budget unit shall be subject to the requirements under paragraph (1) of this section starting on the later of May 1, 2003 or the date on which the unit commences operation.

(4) NOx allowances shall be held in, deducted from, or transferred among NOx allowance tracking system accounts in accordance with 6 NYCRR 204-5, 204-6, 204-7 and 204-9 of this Part.

(5) A NOx allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this condition, for a control period in a year prior to the year for which the NOx allowance was allocated.

(6) The owners and operators of a NOx budget unit that has excess emissions in any control period shall:

(1) forfeit the NOx allowances required for deduction under 6 NYCRR 204-6.5(d)(1); and

(2) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 204-6.5(d)(3).

(7) Unless otherwise provided, the owners and operators of the NOx budget source and each NOx budget unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This may be extended for cause, at any time prior to the end of the five years, in writing by the Department or the EPA Administrator.



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(I) The account certificate of representation for the NOx authorized account representative for the source and each NOx budget unit at the source and all documents that demonstrate the submission of a new account certificate of representation changing the NOx authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 204-8; provided that to the extent that Subpart 204-8 provides for a three year period for record keeping, the three year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the NOx Budget Trading Program.

(iv) Copies of all documents used to complete a NOx budget permit application and any other submission under the NOx Budget Trading Program or to demonstrate compliance with the requirements of the NOx Budget Trading Program.

(8) The NOx authorized account Representative of a NOx budget source and each NOx budget unit at the source shall submit the reports and compliance certifications required under the NOx Budget Trading Program, including those under 6 NYCRR 204-4, 204-8 or 204-9 of this Part.

Condition 27: Authorized account representatives
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 204-2

Item 27.1:

(1) Except where an alternate NOx authorized account representative has been appointed as provided under 6 NYCRR 204-2.2, each NOx budget source, including all NOx budget units at the source, shall have one and only one NOx authorized account representative, with regard to all matters under the NOx Budget Trading Program concerning the source or any NOx budget unit at the source.

(2) Each submission under the NOx Budget Trading Program shall be submitted, signed, and certified by the NOx authorized account representative for each NOx budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NOx authorized account representative: "I am authorized to make the submission on behalf of the owners and operators of the NOx budget sources or NOx budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Condition 28: Contents of reports and compliance certifications.



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Applicable Federal Requirement: 6NYCRR 204-4.1

Item 28.1: The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the Administrator, concerning each unit at the source and subject to the NOx Budget emissions limitation for the control period covered by the report:

- (1) Identification of each NOx Budget unit; and
- (2) In the compliance certification report the NOx authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NOx Budget units at the source in compliance with the NOx Budget Trading Program, whether each NOx Budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the NOx Budget Trading Program applicable to the unit, including:
 - (i) Whether the unit was operated in compliance with the NOx Budget emissions limitation;
 - (ii) Whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NOx emissions to the unit, in accordance with Subpart 204-8;
 - (iii) Whether all the NOx emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 204-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions has been made;
 - (iv) Whether the facts that form the basis for certification under Subpart 204-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 204-8, if any, has changed; and
 - (v) If a change is required to be reported under item (iv) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

At the NOx authorized account representative's option the following may be included in the compliance certification report:

- (1) The serial numbers of the NOx allowances that are to be deducted from each unit's compliance account under Section 204-6.5 for the control period; and
- (2) For units sharing a common stack and having NOx emissions that are not monitored separately or apportioned in accordance with Subpart 204-8, the percentage of NOx allowances that is to be deducted from each unit's compliance account under Subdivision 204-6.5(e).

Condition 29: Compliance Certification

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Applicable Federal Requirement: 6NYCRR 204-4.1

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NOx Budget units at a source are subject to the NOx Budget emissions limitation, the NOx authorized account representative of the source shall submit to the Department and the Administrator by November 30 of that year, a compliance certification report for each source covering all such units.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Submission of NOx allowance transfers.

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 204-7.1

Item 30.1: The NOx authorized account representatives seeking recordation of a NOx allowance transfer shall submit the transfer to the Administrator. To be considered correctly submitted, the NOx allowance transfer shall include the following elements in a format specified by the Administrator:

- (a) The numbers identifying both the transferor and transferee accounts;
- (b) A specification by serial number of each NOx allowance to be transferred; and
- (c) The printed name and signature of the NOx authorized account representative of the transferor account and the date signed.

Condition 31: Reference to 40CFR and list of requirements.

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 204-8.1

Item 31.1: The owners and operators, and to the extent applicable, the NOx authorized account representative of a NOx Budget unit, shall comply with the monitoring and reporting requirements as provided in this Subpart and in Subpart H of 40 CFR Part 75. For purposes of complying with such requirements, the definitions in Section 204-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR Part 75 shall be replaced by the terms "NOx Budget unit," "NOx authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in Section 204-1.2.



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The owner or operator of each NOx Budget unit must meet the following requirements. These provisions also apply to a unit for which an application for a NOx Budget opt-in permit is submitted and not denied or withdrawn, as provided in Subpart 204-9:

- (1) Install all monitoring systems required under this Subpart for monitoring NOx mass. This includes all systems required to monitor NOx emission rate, NOx concentration, heat input, and flow, in accordance with 40 CFR 75.71 and 75.72.
- (2) Install all monitoring systems for monitoring heat input, if required under Section 204-8.7 for developing NOx allowance allocations.
- (3) Successfully complete all certification tests required under Section 204-8.2 and meet all other provisions of this Subpart and 40 CFR Part 75 applicable to the monitoring systems under paragraphs (a)(1) and (2) of this section.
- (4) Record and report data from the monitoring systems under paragraphs (a)(1) and (2) of this section.

**Condition 32: Requirements for recertification of monitoring systems.
Effective between the dates of 09/26/2007 and 09/25/2012**

Applicable Federal Requirement: 6NYCRR 204-8.2

Item 32.1: Whenever the owner or operator makes a replacement, modification, or change in a certified monitoring system that the Administrator or the Department determines significantly affects the ability of the system to accurately measure or record NOx mass emissions or heat input or to meet the requirements of 40 CFR 75.21 or Appendix B to 40 CFR Part 75, the owner or operator shall recertify the monitoring system according to 40 CFR 75.20(b). Furthermore, whenever the owner or operator makes a replacement, modification, or change to the flue gas handling system or the unit's operation that the Administrator or the Department determines to significantly change the flow or concentration profile, the owner or operator shall recertify the continuous emissions monitoring system according to 40 CFR 75.20(b). Examples of changes which require recertification include: replacement of the analyzer, change in location or orientation of the sampling probe or site, or changing of flow rate monitor polynomial coefficients.

**Condition 33: Out of control periods.
Effective between the dates of 09/26/2007 and 09/25/2012**

Applicable Federal Requirement: 6NYCRR 204-8.3

Item 33.1: Whenever any monitoring system fails to meet the quality assurance requirements of Appendix B of 40 CFR Part 75, data shall be substituted using the applicable procedures in Subpart D, Appendix D, or Appendix E of 40 CFR Part 75.

**Condition 34: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012**

Applicable Federal Requirement: 6NYCRR 204-8.4

Item 34.1:
The Compliance Certification activity will be performed for the Facility.

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Permit ID: 7-3132-00035/00034

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Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Authorized Account Representative for a NO_x Budget unit shall submit written notice to the Department and the USEPA Administrator in accordance with the requirements of this subpart as follows:

All monitoring plans or monitoring plan modifications; compliance certifications, recertifications and quarterly QA/QC reports; and, petitions for alternative monitoring, shall be submitted to the USEPA Administrator (or his/her representatives) as well as two copies to the Department (one copy to the Regional Air Pollution Control Engineer (RAPCES) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office. All Authorized Account Representative changes shall be sent to the NYSDEC central office.

All quarterly emission data shall be electronically filed with the USEPA Clean Air Markets Division with a copy (disc or hard copy) to the NYSDEC offices.

The address for the USEPA Administrator is as follows:

USEPA Clean Air Markets Division
1200 Pennsylvania Avenue, NW
Mail Code 6204J
Washington D.C. 20460

CEM Coordinator
USEPA-Region 2
2890 Woodbridge Avenue
Edison, N.J. 08837

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

AAR changes should be sent to the attention of:

New York State Department of Environmental Conservation

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NYSDEC
Stationary Source Planning Section
Bureau of Air Quality Planning
625 Broadway, 2nd Floor
Albany NY 12233-3251

The address for the RAPCE is as follows:

615 Erie Boulevard, West
Syracuse, NY 13204-2400

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 35: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average) except for one six-minute period per hour of not more than 27 percent opacity.

Compliance shall be determined by conducting observations in accordance with EPA Reference Method 9 upon written request from the DEC.

In the annual compliance report, the owner or operator shall state whether a Reference Method 9 observation was required and the results of such observation(s).

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION



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Facility DEC ID: 7313200035

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 36: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF FUEL OIL BURNED AT THE FACILITY SHALL NOT EXCEED 0.15 PERCENT BY WEIGHT. FUEL SAMPLING AND ANALYSIS SHALL BE PERFORMED IN ACCORDANCE WITH CUSTOM FUEL MONITORING SCHEDULE DESCRIBED IN THE USEPA LETTER DATED 12/3/93.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.15 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 37: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

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Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE AMBIENT AIR TEMPERATURE AT THE FACILITY SHALL BE MONITORED AND RECORDED WITHIN AN ACCURACY OF +/- 3 DEG F.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.



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Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

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: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

Emission Limit During Shutdown Work Practice
Standard

- (a) Shutdown shall be accomplished according to written procedures submitted to the DEC.
- (b) The time period for shutdown shall not exceed 0.5 hours.
- (c) Emissions shall be monitored and recorded whenever fuel is fired.

For those periods of excess emissions due to shutdown where procedures deviated from the procedures submitted to the DEC, the owner or operator shall describe how the shutdown procedures deviated from the written procedures.

On a semi-annual basis, the owner or operator shall submit to the DEC a report stating whether such records were maintained.

Periods of excess emission, including periods due to startup or shutdown, shall be submitted to the DEC in a quarterly report.

Parameter Monitored: DURATION OF SHUTDOWN

Upper Permit Limit: 0.5 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION



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Averaging Method: 30 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 40.1:

The Compliance Certification activity will be performed for the Facility.

Item 40.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Startup/shutdown

(a) The owner or operator shall develop and maintain procedures for the cold start of operations for the gas turbine, and for the shutdown of the gas turbine. Such procedures shall define temperatures and pressures for steam injection and ammonia injection permissives, upon which steam may be injected to the gas turbine for control of NO_x emissions. These procedures must be submitted to the DEC within 60 days of receipt of this permit.

(b) Deviations from the procedures developed in accordance with Item (a) of this condition shall be noted in a written log (or otherwise documented, such as in a computer system).

(c) Startup and shutdown shall be accomplished within the procedures required to be developed in Item (a) of this condition. The time period for excess emissions during startup shall not exceed 3 hours under any circumstance (commencing with first firing of fuel and ending with the conditions for achieving steam injection permissive). The time for shutdown shall not exceed one-half hour, commencing with the stop of steam injection flow.

(d) Excess emissions after steam injection permissive (or after the proper steam temperatures and pressures have



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been reached) and after ammonia injection permissive shall not be considered excess emissions due to startup, regardless of the time since first firing.

(d) Emissions shall be monitored and recorded whenever fuel is fired. Periods of excess emissions due to startup and shutdown must be identified in the quarterly excess emissions report. For those periods of excess emissions due to startup or shutdown where procedures deviated from the startup procedures developed in accordance with Item (a) of this condition, the owner or operator shall describe how the actual startup or shutdown procedures deviated from the written procedures.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 3 hours

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 41: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 60.334, NSPS Subpart GG

Item 41.1:

The Compliance Certification activity will be performed for the Facility.

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The stationary gas turbines are subject to 40 CFR Part 60, Subpart GG. Pursuant to Subpart GG:

1. The facility may monitor NO_x emissions using a CEM that is compliant with 40 CFR Part 75 requirements, except that the missing data substitution provisions do not apply. The facility is not required to monitor water to fuel ratio.
2. The facility does not have to adjust its NO_x emissions

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to ISO conditions (see 40 CFR 60.335(b)(1)).

3. The owner or operator shall monitor the total sulfur content of the fuel being fired in the turbine using one of the following procedures:

(a) Use the custom fuel schedule approved by EPA on December 3, 1998; or

(b) Use the procedures in 40 CFR 60.334(h), at the frequency described in 40 CFR 60.334(i); or

(c) Pursuant to 40 CFR 60.334(h)(3), demonstrate that the gaseous fuel meets the definition of natural gas in §60.331(u), after which sampling and analysis of gaseous fuel is not required.

4. The facility is not claiming a fuel bound nitrogen allowance, as allowed in 40 CFR 60.332(a)(4).

5. The facility is monitoring compliance with the fuel oil sulfur limit by sampling and analyzing fuel in accordance with 40 CFR Part 75, Appendix D, Section 2.2.4.3, which requires one sample per lot. Such sample can be obtained and analyzed by the owner or operator, an outside lab, or a fuel supplier.

Compliance with the emissions limits cited pursuant to 40 CFR Part 52, Subpart HH, which are more stringent than 40 CFR Part 60, Subpart GG, ensures compliance with 40 CFR Part 60, Subpart GG. EPA guidance dated May 5, 1996, provides that owners or operators may elect to streamline multiple requirements into a single set of conditions that will assure compliance with all applicable requirements. If the owners or operators comply with the more stringent NO_x and SO₂ limits elsewhere in this permit, it will comply with 40 CFR Part 60, Subpart GG. Accordingly, the quarterly reporting required elsewhere in this permit will satisfy the excess emissions reporting under 40 CFR Part 60, Subpart GG.

In the annual certification report, the owner or operator shall state whether he or she complied with this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

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

Condition 42: Emission Point Definition By Emission Unit
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 42.1:

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

Emission Unit: U-00001

Emission Point: 00001

Height (ft.): 223

Diameter (in.): 162

NYTMN (km.): 4768.975 NYTME (km.): 400.273 Building: GENBLDG

Item 42.2:

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

Emission Unit: U-00005

Emission Point: 00005

Height (ft.): 31

Diameter (in.): 10

NYTMN (km.): 4768.938 NYTME (km.): 400.329 Building: GENBLDG

Item 42.3:

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

Emission Unit: U-00006

Emission Point: 00006

Height (ft.): 40

Diameter (in.): 10

NYTMN (km.): 4768.936 NYTME (km.): 400.328 Building: GENBLDG

Item 42.4:

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

Emission Unit: U-00007

Emission Point: 00007

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Emission Source/Control: 00004 - Control
Control Type: STEAM INJECTION

Emission Source/Control: 00006 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 43.3:

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

Emission Unit: U-00001
Process: 103
Source Classification Code: 2-02-002-01
Process Description:
NATURAL GAS COMBUSTION IN GAS TURBINE
WITHOUT SIMULTANEOUS OPERATION OF DUCT
BURNER.

Emission Source/Control: 00001 - Combustion
Design Capacity: 650 million Btu per hour

Emission Source/Control: 00004 - Control
Control Type: STEAM INJECTION

Emission Source/Control: 00006 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 43.4:

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

Emission Unit: U-00001
Process: 104
Source Classification Code: 2-02-002-03
Process Description:
NATURAL GAS COMBUSTION IN GAS TURBINE AND
DUCT BURNER SIMULTANEOUSLY.

Emission Source/Control: 00001 - Combustion
Design Capacity: 650 million Btu per hour

Emission Source/Control: 00005 - Combustion
Design Capacity: 99.5 million Btu per hour

Emission Source/Control: 00004 - Control
Control Type: STEAM INJECTION

Emission Source/Control: 00006 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 43.5:



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

Emission Unit: U-00001
Process: DCT Source Classification Code: 1-02-006-02
Process Description: NATURAL GAS COMBUSTION IN DUCT BURNER.

Emission Source/Control: 00005 - Combustion
Design Capacity: 99.5 million Btu per hour

Emission Source/Control: 00006 - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 43.6:

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

Emission Unit: U-00005
Process: 501 Source Classification Code: 2-02-004-01
Process Description:

DISTILLATE FUEL OIL COMBUSTION IN
EMERGENCY DIESEL GENERATOR.

Emission Source/Control: 50001 - Combustion

Item 43.7:

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

Emission Unit: U-00006
Process: 601 Source Classification Code: 1-03-006-03
Process Description: NATURAL GAS COMBUSTION IN BUILDING HEATING BOILER.

Emission Source/Control: 60001 - Combustion
Design Capacity: 2.5 million Btu per hour

Item 43.8:

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

Emission Unit: U-00007
Process: 701 Source Classification Code: 2-02-001-02
Process Description:

DISTILLATE FUEL OIL COMBUSTION IN
EMERGENCY DIESEL FIRE PUMP.

Emission Source/Control: 70001 - Combustion

Condition 44: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012



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Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FUEL OIL USE IN THE GAS TURBINE IS LIMITED TO 2000 HOURS PER YEAR CALCULATED ON A DAILY ROLLING BASIS.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 2000 hours

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 45: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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A LOG OF THE DAILY ROLLING ANNUAL AMOUNT
OF FUEL OIL BURNED IN THE GAS TURBINE
MUST BE MAINTAINED AT THE FACILITY.

On an annual basis, the owner or operator
shall, in the annual certification
report, state whether the facility has
complied with this requirement.

Monitoring Frequency: DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:

(1) The owner or operator shall submit to the DEC a plan for monitoring ammonia slip emissions. The monitoring plan shall include quality assurance provisions, including annual relative accuracy test procedures. Such plan shall be submitted within 180 days of the effective date of the Title V permit. Installation shall be completed within 300 days of the effective date of the Title V permit.

(2) Upon implementation of the ammonia slip emissions monitoring plan, the owner or operator shall submit to the DEC, on a quarterly basis, reports stating whether the facility complied with the ammonia emissions limit. Such



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report shall state the date and time each period of excess emissions began and ended, the average magnitude of the excess emission and the corrective action taken.

Manufacturer Name/Model Number: Ammonia monitor to be determined

Upper Permit Limit: 10.0 parts per million by volume

(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 18 & OSHA

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR BLOCK AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 47: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE TYPE AND AMOUNT OF FUEL COMBUSTED IN THE GAS TURBINE AND DUCT BURNER SHALL BE MONITORED AND RECORDED WITHIN AN ACCURACY OF +/- 5%.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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



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Condition 48: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE GAS TURBINE MAY ONLY FIRE NATURAL GAS AND DISTILLATE FUEL OIL SIMULTANEOUSLY DURING PERIODS OF FUEL SWITCHING. SUCH PERIODS SHALL NOT EXCEED ONE HOUR IN DURATION. EMISSION LIMITS FOR FUEL OIL FIRING APPLY DURING SWITCHING.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 49: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 49.2:

Compliance Certification shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL CONTINUOUSLY MONITOR
AND RECORD HOURLY GAS TURBINE GENERATOR
ELECTRICAL OUTPUT (GROSS KW).

On an annual basis, the owner or operator
shall, in the annual certification
report, state whether the facility has
complied with this requirement.

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 50: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE GAS TURBINE SHALL NOT OPERATE WHILE
FIRING FUEL OIL BELOW THE MINIMUM LOAD
(GROSS GENERATOR OUTPUT KW) CORRESPONDING
TO THE AMBIENT TEMPERATURE AS DETERMINED
IN ATTACHMENT 2. THE DUCT BURNER SHALL
NOT OPERATE WHILE THE GAS TURBINE IS
FIRING NATURAL GAS AND OPERATING BELOW
THE MINIMUM LOAD (GROSS GENERATOR OUPUT
KW) CORRESPONDING TO THE AMBIENT
TEMPERATURE AS DETERMINED IN ATTACHMENT
1.

On an annual basis, the owner or operator
shall, in the annual certification



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report, state whether the facility has
complied with this requirement.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TOTAL ANNUAL FUEL OIL USE IN THE GAS
TURBINE SHALL NOT EXCEED 9.4 MILLION
GALLONS BASED UPON A DAILY ROLLING
BASIS.

On an annual basis, the owner or operator
shall, in the annual certification
report, state whether the facility has
complied with this requirement.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 2 OIL
Upper Permit Limit: 9400000.0 gallons per year
Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

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Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Applicable regulation: 40 CFR 52.21

Monitoring type: Recordkeeping/Maintenance Procedures

In July 2000, the facility installed an evaporative cooler ("fogger"). The installation resulted in an increase in the capacity of the turbine. The installation will not trigger PSD if the emissions increase from the operation of the turbine and evaporative cooler remains less than the significance threshold for PM10 and Nox, the two limiting pollutants. Actual emissions of each pollutant shall be computed as the product of the allowable mass emissions rate for each process (101, 102, 103 and 104 defined elsewhere in this permit) and the hours of operation for each process. The following conditions shall apply to this facility:

1. The operator shall maintain and operate a device that records each hour of operation of the evaporative cooler. The owner shall keep a written log of when the device operates.

2. The owner or operator shall submit to the DEC semi-annually a report stating whether the device monitoring the operation was operational.

4. The owner or operator shall submit to the agency a report stating whether the process operating hours complied with the following conditions, based on a 12 month rolling period:

(i) $19.3 \times (101 \text{ hours}) + 24.1 \times (102 \text{ hours}) + 5.8 \times (103 \text{ hours}) + 10.3 \times (104 \text{ hours}) < 30,000$

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AND

$$(ii) 48*(101 \text{ hours}) + 50*(102 \text{ hours}) + 24*(103 \text{ hours}) + 26*(104 \text{ hours}) < 80,000$$

where:

(101 hours) is the number of hours process 101 operated with the evaporative cooler operating in the 12 month period

(102 hours) is the number of hours process 102 operated with the evaporative cooler operating in the 12 month period.

(103 hours) is the number of hours process 103 operated with the evaporative cooler operating in the 12 month period.

(104 hours) is the number of hours process 104 operated with the evaporative cooler operating in the 12 month period.

30,000 is the significance level for PM10.

80,000 is the significance level for NOx.

Such reports shall be submitted with the annual Title V certifications and demonstrate compliance with each 12 calendar month period since the last report. In the event that either operational restriction is violated, the owner or operator shall submit to the DEC a report of such deviation within 30 days of the end of the last month in that 12 month period, and the DEC will deem that actual emissions have exceeded the PSD significance thresholds.

Monitoring Frequency: MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

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Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A LOG OF THE ROLLING ANNUAL NUMBER OF HOURS OF OPERATION OF THE GAS TURBINE WHILE BURNING FUEL OIL MUST BE MAINTAINED AT THE FACILITY.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Monitoring Frequency: DAILY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

Condition 54: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A QUARTERLY WRITTEN CEM REPORT SHALL BE SUBMITTED TO NYSDEC FOR EVERY CALENDAR QUARTER. ALL REPORTS SHALL BE POSTMARKED



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BY THE 30TH DAY FOLLOWING THE END OF EACH CALENDAR QUARTER. THE CEMS QUARTERLY REPORT SHALL INCLUDE AT A MINIMUM ALL PERIODS OF EXCESS EMISSIONS (INCLUDING STARTUPS, SHUTDOWNS AND MALFUNCTIONS), ALL PERIODS OF CEMS DOWNTIME (INCLUDING OUT-OF-CONTROL PERIODS) AND A SUMMARY OF THE QUARTERLY AUDIT RESULTS.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2007.
Subsequent reports are due every 3 calendar month(s).

Condition 55: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE MASS EMISSION RATES (LB/HR) OF NOX AND CO FROM THE STACK SHALL BE CONTINUOUSLY CALCULATED USING THE METHODOLOGY IN THE CEM MONITORING PLAN.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Monitoring Frequency: CONTINUOUS



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Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 56: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NATURAL GAS SAMPLING AND ANALYSIS SHALL
BE PERFORMED IN ACCORDANCE WITH THE
CUSTOM FUEL MONITORING SCHEDULE DESCRIBED
IN THE USEPA LETTER DATED 12/3/93.

Monitoring Frequency: QUARTERLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 57: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

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

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

PSD PM-10 concentration limit.

Emissions of PM-10 while combusting oil without simultaneous operation of the duct burner must not exceed 0.03 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and timeframes specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 0.03 pounds per million Btus

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 58: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD mass emission limit.

Emissions of carbon monoxide while combusting No. 2 oil in the gas turbine (without simultaneous operation of the



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duct burner) must not exceed 15.5 pounds per hour on a block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system that meets the specifications of 40 CFR Part 60, Appendix B and F, including daily, quarterly and annual quality assurance procedures.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8940

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 15.5 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 59: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

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

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Emissions of oxides of nitrogen while combusting No. 2 oil in the gas turbine (without simultaneous operation of the duct burner) must not exceed 18 ppmv, dry basis, corrected to 15% O₂ on a block hourly average.

Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18.0 parts per million by volume

(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 60: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 60.2:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of carbon monoxide while combusting No. 2 oil in the gas turbine (without simultaneous operation of the duct burner) must not exceed 9.5 ppmv, dry basis, corrected to 15% O₂ on a block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system that meets the specifications of 40 CFR Part 60, Appendix B and F.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8930

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 9.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 61: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



CAS No: 0NY998-00-0 VOC

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC concentration limit.

Emissions of VOC while combusting oil without simultaneous operation of the duct burner must not exceed 0.007 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and timeframes specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 62: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

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

Item 62.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD NOx mass emission limit. Compliance based on CEMS.

Emissions of oxides of nitrogen while combusting No. 2 oil in the gas turbine (without simultaneous operation of the duct burner) must not exceed 48.0 pounds per hour on a block hourly average.

Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 48 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 63: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

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

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC mass emission limit.

Emissions of VOC while combusting oil without simultaneous operation of the duct burner must not exceed 4.6 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and timeframes specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 4.6 pounds per hour

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 64: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

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

Item 64.2:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10 mass emission limit.

Emissions of PM-10 while combusting oil without simultaneous operation of the duct burner must not exceed 19.3 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 19.3 pounds per hour

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 65: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



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Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

PSD particulate mass emission limit. Emissions of particulate matter while combusting oil without simultaneous operation of the duct burner must not exceed 19.3 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and timeframes specified in 6 NYCRR 202-1. Initial stack testing demonstrated compliance with emission limit.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement. If emissions tests were conducted, the report shall state the results of such tests.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 19.3 pounds per hour

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 66: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 101

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD particulate concentration limit. Emissions of particulate matter while combusting oil without



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simultaneous operation of the duct burner must not exceed 0.03 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and timeframes specified in 6 NYCRR 202-1. Initial stack testing demonstrated compliance with emission limit.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement. If emissions tests were conducted, the report shall state the results of such tests.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.03 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 67: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD particulate mass emission limit. Initial stack testing demonstrated compliance with emission limit.

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Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Emissions of particulate matter while combusting No. 2 oil with simultaneous operation of the duct burner must not exceed 24.1 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 24.1 pounds per hour

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 68: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

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

Item 68.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen while combusting No. 2 oil in the gas turbine (with simultaneous operation of the duct burner) must not exceed 18.0 ppmv, dry basis, corrected to 15% oxygen on a block hourly average.

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Permit ID: 7-3132-00035/00034

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Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 18.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 69: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 69.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of carbon monoxide while combusting No. 2 oil



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in the gas turbine (with simultaneous operation of the duct burner) must not exceed 18.0 parts per million, dry basis, corrected to 15% O₂ on a block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system that meets the specifications of 40 CFR Part 60, Appendix B and F, including daily, quarterly and annual quality assurance procedures.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8930

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 70: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 70.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC mass emission limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of VOC while combusting No. 2 oil in the gas turbine with simultaneous operation of the duct burner must not exceed 12.7 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 12.7 pounds per hour

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 71: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

PSD VOC concentration limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of VOC while combusting No. 2 oil with simultaneous operation of the duct burner must not exceed 0.017 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 0.017 pounds per million Btus

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 72: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

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

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD pm-10 mass emission limit. Initial stack testing demonstrated compliance with emission limit.



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Emissions of PM-10 while combusting No. 2 oil with simultaneous operation of the duct burner must not exceed 24.1 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 24.1 pounds per hour

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 73: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

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

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10 concentration limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of PM-10 while combusting No. 2 oil without simultaneous operation of the duct burner must not exceed 0.033 pounds per million Btu.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 0.033 pounds per million Btus

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 74: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD mass emission limit.

Emissions of carbon monoxide while combusting No. 2 oil in the gas turbine (with simultaneous operation of the duct burner) must not exceed 29.0 pounds per hour on a block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

that meets the specifications of 40 CFR Part 60, Appendix B and F, including daily, quarterly and annual quality assurance procedures.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8930

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 29 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 75: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD particulate concentration limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of particulate matter while combusting No. 2 oil



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

with simultaneous operation of the duct burner must not exceed 0.033 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.033 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 76: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 102

Regulated Contaminant(s):

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

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD mass emission limit.

Emissions of oxides of nitrogen while combusting No. 2 oil in the gas turbine (with simultaneous operation of the duct burner) must not exceed 50.0 pounds per hour on a



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

block hourly average.

Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 50 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 77: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

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

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen while combusting natural



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

gas in the gas turbine (without simultaneous operation of the duct burner) must not exceed 9.0 ppmv, dry basis, corrected to 15% O₂ on a block hourly average.

Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 78: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 78.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of carbon monoxide while combusting natural gas in the gas turbine (without simultaneous operation of the duct burner) must not exceed 9.5 ppmv, dry basis, corrected to 15% O₂ on a block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system that meets the specifications of 40 CFR Part 60, Appendix B and F, including daily, quarterly and annual quality assurance procedures.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8930

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 9.5 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 79: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

CAS No: 0NY998-00-0 VOC

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC mass emission limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of VOC while combusting natural gas without simultaneous operation of the duct burner must not exceed 4.6 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 4.6 pounds per hour

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 80: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 80.2:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC concentration limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of VOC while combusting natural gas in the gas turbine without simultaneous operation of the duct burner must not exceed 0.007 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 81: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

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

Item 81.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10 mass emission limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of PM-10 while combusting natural gas in the gas turbine without simultaneous operation of the duct burner must not exceed 5.8 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 5.8 pounds per hour

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 82: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 82.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

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

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10 concentration limit. Initial stack testing



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

demonstrated compliance with emission limit.

Emissions of PM-10 while combusting natural gas in the gas turbine without simultaneous operation of the duct burner must not exceed 0.008 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 0.008 pounds per million Btus

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 83: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD particulate mass emission limit. Initial stack testing demonstrated compliance with emission limit.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Emissions of particulate matter while combusting natural gas in the gas turbine without simultaneous operation of the duct burner must not exceed 5.8 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 5.8 pounds per hour

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 84: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD particulate concentration limit. Initial stack testing demonstrated compliance with emission limit.



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Emissions of particulate matter while combusting natural gas in the gas turbine without simultaneous operation of the duct burner must not exceed 0.008 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.008 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 85: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD mass emission limit.

Emissions of carbon monoxide while combusting natural gas in the gas turbine (without simultaneous operation of the duct burner) must not exceed 15.5 pounds per hour on a



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system that meets the specifications of 40 CFR Part 60, Appendix B and F, including daily, quarterly and annual quality assurance procedures.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8930

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 15.5 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 86: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 86.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 103

Regulated Contaminant(s):

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

Item 86.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD mass emission limit.



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Emissions of oxides of nitrogen while combusting natural gas in the gas turbine (without simultaneous operation of the duct burner) must not exceed 24.0 pounds per hour on a block hourly average.

Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 87: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

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

Item 87.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10 concentration limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of PM-10 while combusting natural gas in the gas turbine with simultaneous operation of the duct burner must not exceed 0.012 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 0.012 pounds per million Btus

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 88: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Monitoring Description:

PSD mass emission limit.

Emissions of carbon monoxide while combusting natural gas in the gas turbine (with simultaneous operation of the duct burner) must not exceed 29.0 pounds per hour on a block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system that meets the specifications of 40 CFR Part 60, Appendix B and F, including daily, quarterly and annual quality assurance procedures.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8930

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 29 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 89: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

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



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen while combusting natural gas in the gas turbine (with simultaneous operation of the duct burner) must not exceed 9.0 ppmv, dry basis, corrected to 15% O₂ on a block hourly average.

Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 90: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 90.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of carbon monoxide while combusting natural gas in the gas turbine (with simultaneous operation of the duct burner) must not exceed 18.0 ppmv, dry basis, corrected to 15% O₂ on a block hourly average.

Emissions of carbon monoxide must be monitored and recorded using a continuous emission monitoring system that meets the specifications of 40 CFR Part 60, Appendix B and F, including daily, quarterly and annual quality assurance procedures.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: LEAR SIEGLER/8930

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 18.0 parts per million by volume
(dry, corrected to 15% O₂)

Reference Test Method: EPA METHOD 10

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 91: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 91.1:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 91.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC mass emission limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of VOC while combusting natural gas in the gas turbine with simultaneous operation of the duct burner must not exceed 12.7 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 12.7 pounds per hour

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 92: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Process: 104

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC concentration limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of VOC while combusting natural gas in the gas turbine with simultaneous operation of the duct burner must not exceed 0.017 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: VOC

Upper Permit Limit: 0.017 pounds per million Btus

Reference Test Method: EPA RM 25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 93: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 93.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Regulated Contaminant(s):

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

Item 93.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD PM-10 mass emission limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of particulate matter while combusting natural gas in the gas turbine with simultaneous operation of the duct burner must not exceed 10.3 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PM-10

Upper Permit Limit: 10.3 pounds per hour

Reference Test Method: EPA RM 201A/202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 94: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

Regulated Contaminant(s):

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

PSD mass emission limit.

Emissions of oxides of nitrogen while combusting natural gas in the gas turbine (with simultaneous operation of the duct burner) must not exceed 26.0 pounds per hour on a block hourly average.

Emissions of oxides of nitrogen must be monitored and recorded using a continuous emission monitoring system that complies with the specifications of 40 CFR Part 75, including daily, quarterly, semi-annual and annual quality assurance requirements.

On a quarterly basis, the owner or operator shall submit to the DEC a report of excess emissions. Such report shall be in a format acceptable to the DEC and for each period of excess emissions state the date and time the period of excess emission started and ended; the magnitude of the excess emission; the cause of the excess emission; and the corrective action.

Manufacturer Name/Model Number: Lear Siegler/8940

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 26 pounds per hour

Reference Test Method: 40 CFR 60 APP B/F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2007.

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

Condition 95: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Process: 104

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD particulate mass emission limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of particulate matter while combusting natural gas in the gas turbine with simultaneous operation of the duct burner must not exceed 10.3 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 10.3 pounds per hour

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 96: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: 104

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD particulate concentration limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of particulate matter while combusting natural gas with simultaneous operation of the duct burner must not exceed 0.012 pounds per million Btu.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.012 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 97: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

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

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Process: DCT

Emission Source: 00005

Item 97.2:



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The duct burner is subject to New Source Performance Standard (NSPS) Subpart Dc (Small industrial boilers). Only NSPS applicable requirements more stringent than the PSD requirements have been included in this permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 98: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: 00001
Process: 101

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

Item 98.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PSD VOC mass emission limit. Initial stack testing demonstrated compliance with emission limit.

Emissions of VOC while combusting natural gas in the gas turbine with simultaneous operation of the duct burner must not exceed 4.6 pounds per hour.

Compliance shall be demonstrated by stack testing upon written notice from the Department in accordance with the procedures and time frames specified in 6 NYCRR 202-1.

On an annual basis, the owner or operator shall, in the annual certification report, state whether the facility has complied with this requirement.



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Parameter Monitored: VOC
Upper Permit Limit: 4.6 pounds per hour
Reference Test Method: EPA RM 25a
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 99: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 99.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00005

Item 99.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TOTAL ANNUAL FUEL USE IN THE EMERGENCY
DIESEL GENERATOR MAY NOT EXCEED 2,964
GALLONS PER YEAR, CALCULATED ON A DAILY
ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 2964.0 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 100: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 100.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00005

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Item 100.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THIS ENGINE SHALL NOT OPERATE MORE THAN
60 MINUTES PER WEEK CONCURRENTLY WITH THE
GAS TURBINE.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 101: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 101.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00005

Item 101.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE DAILY ROLLING ANNUAL AMOUNT OF FUEL
OIL BURNED AND HOURS OF OPERATION OF THE
EMERGENCY DIESEL GENERATOR SHALL BE
RECORDED DAILY AT THE FACILITY.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 102: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00005

Process: 501

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL ANNUAL HOURS OF OPERATION OF THE EMERGENCY DIESEL GENERATOR SHALL NOT EXCEED 52 HOURS CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 52.0 hours per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 103: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 103.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Item 103.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Total annual hours of operation of the building heating boiler shall not exceed 6000 hours calculated on a daily rolling basis.

The owner or operator shall submit to the DEC a report stating whether compliance was achieved. The report shall be submitted as part of the annual Title V compliance certification. In the event that the device exceeds the 6000 hr limit, the owner or operator shall notify DEC in writing within 30 days of the exceedance.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 6000 hours

Monitoring Frequency: DAILY



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 104: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE BUILDING HEATING BOILER SHALL NOT
OPERATE CONCURRENTLY WITH THE GAS TURBINE
EXCEPT DURING PERIODS OF STARTUP,
SHUTDOWN AND MALFUNCTION.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 105: Compliance Certification
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 105.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00006

Item 105.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE DAILY ROLLING ANNUAL HOURS OF
OPERATION OF THIS BOILER SHALL BE
RECORDED DAILY AT THE FACILITY.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 106: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 106.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

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

Item 106.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL ANNUAL FUEL USE IN THE EMERGENCY DIESEL FIRE PUMP ENGINE SHALL NOT EXCEED 510 GALLONS, CALCULATED ON A DAILY ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 510 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 107: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 107.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Item 107.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE EMERGENCY DIESEL FIRE PUMP ENGINE
SHALL NOT OPERATE MORE THAN 60 MINUTES
PER WEEK CONCURRENTLY WITH THE GAS
TURBINE.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 108: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 108.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Item 108.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE DAILY ROLLING AMOUNT OF FUEL BURNED
AND HOURS OF OPERATION OF THE EMERGENCY
DIESEL FIRE PUMP SHALL BE RECORDED DAILY
AT THE FACILITY.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 109: Compliance Certification

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00007

Process: 701

Item 109.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035



Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TOTAL ANNUAL HOURS OF OPERATION OF THE
EMERGENCY DIESEL FIRE PUMP ENGINE SHALL
NOT EXCEED 52 HOURS CALCULATED ON A DAILY
ROLLING BASIS.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 52.0 hours per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

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.

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.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 110: Contaminant List
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: ECL 19-0301

Item 110.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Condition 111: Unavoidable noncompliance and violations
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 201-1.4

Item 111.1:

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 issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. 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



New York State Department of Environmental Conservation

Permit ID: 7-3132-00035/00034

Facility DEC ID: 7313200035

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. These reporting requirements are superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(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.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Condition 112: Air pollution prohibited

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 211.2

Item 112.1:

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 113: NOx Acid Deposition Allowances

Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 237-1

Item 113.1:

(1) The owners and operators of each NOx budget source and each NOx budget unit at the source shall hold NOx allowances available for compliance deductions under 6 NYCRR 236-6.5, as of the NOx allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an



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amount not less than the total NO_x emissions for the control period from the unit, as determined in accordance with 6 NYCRR 237-8.

(2) Except for future control period NO_x allowances which may be deducted pursuant to 6 NYCRR 237-6.5(f), a NO_x allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this subdivision, for a control period in a year prior to the year for which the NO_x allowance was allocated.

(3) The owners and operators of a NO_x budget unit that has excess emissions in any control period shall:

(I) forfeit the NO_x allowances required for deduction under 6 NYCRR 237-6.5(d)(1); and

(ii) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 237-6.5(d)(3).

(4) Unless otherwise provided, the owners and operators of the NO_x budget source and each NO_x budget unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the department.

(I) The account certificate of representation for the NO_x authorized account representative for the source and each NO_x budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR 237-2.4; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new account certificate of representation changing the NO_x authorized account representative.

(ii) All emissions monitoring information, in accordance with 6 NYCRR 237-8 of this Part

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR NO_x Budget Trading Program.(iv) Copies of all documents used to complete a NO_x budget permit application and any other submission under the ADR NO_x Budget Trading Program or to demonstrate compliance with the requirements of the ADR NO_x Budget Trading Program.(5) The NO_x authorized account representative of a NO_x budget source and each NO_x budget unit at the source shall submit the reports and compliance certifications required under the ADR NO_x Budget Trading Program, including those under 6 NYCRR 237-4, 2378, or 237-9.

Condition 114: ADR NO_x Authorized Account Representative
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 237-2

Item 114.1:

(1) Except where an alternate NO_x authorized account representative has been appointed as provided under 6 NYCRR 237-2.2, each NO_x budget source, including all NO_x budget units at the source, shall have one and only one NO_x authorized account representative, with regard to all matters under the ADRNO_x Budget Trading Program concerning the source or any NO_x budget unit at the source.

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(2) Each submission under the ADR NOx Budget Trading Program shall be submitted, signed, and certified by the NOx authorized account representative for each NOx budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NOx authorized account representative: "I am authorized to make the submission on behalf of the owners and operators of the NOx budget sources or NOx budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Condition 115: Compliance Demonstration
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 237-4.1

Item 115.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 115.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more NOx budget units at a source are subject to the NOx budget emissions limitation, the NOx authorized account representative of the source shall submit to the department by the September 30 following the relevant control period, a compliance certification report for each source covering all such units.

The NOx authorized account representative shall include in the compliance certification report the following elements, in a format prescribed by the department, concerning each unit at the source and subject to the NOx budget emissions limitation for the control period covered by the report:

(1) identification of each NOx budget unit;

(2) except in instances when the NOx budget unit seeks to use future control period NOx allowances which may be deducted pursuant to NYCRR 237-6.5(f), at the NOx

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authorized account representative's option, the serial numbers of the NO_x allowances that are to be deducted from each unit's compliance account under NYCRR 237-6.5 for the control period;

(3) at the NO_x authorized account representative's option, for units sharing a common stack and having NO_x emissions that are not monitored separately or apportioned in accordance with NYCRR 237-8, the percentage of NO_x allowances that is to be deducted from each unit's compliance account under NYCRR 237-6.5(e);

(4) for units using future control period allowances for compliance purposes pursuant to NYCRR 237-6.5(f), the statement of intent and report required under NYCRR 237-6.5(f)(2); and

(5) the compliance certification under NYCRR 237-4(c).

In the compliance certification report the NO_x authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the NO_x budget units at the source in compliance with the Acid Deposition Reduction (ADR) NO_x Budget Trading Program, whether each NO_x budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the ADR NO_x Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the NO_x budget emissions limitation;

(b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute NO_x emissions to the unit, in accordance with NYCRR 237-8;

(c) whether all the NO_x emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with NYCRR 237-8. If conditional data were reported, the owner or operator



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shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under NYCRR 237-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under NYCRR 237-8, if any, has changed; and

(e) if a change is required to be reported in (4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by September 30th

Condition 116: Submission of NO_x allowance transfers
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 237-7.1

Item 116.1:

The NO_x authorized account representatives seeking recordation of a NO_x allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the NO_x allowance transfer shall include the following elements in a format specified by the department or its agent:

- (a) the numbers identifying both the transferor and transferee accounts;
- (b) a specification by serial number of each NO_x allowance to be transferred; and
- (c) the printed name and signature of the NO_x authorized account representative of the transferor account and the date signed.

Condition 117: Comply with Subpart H
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 237-8

Item 117.1:

The owners and operators, and to the extent applicable, the NO_x authorized account representative of a



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NOx budget unit, shall comply with the monitoring and reporting requirements as provided in this NYCRR 237-8 and in Subpart H of 40 CFR part 75. For purposes of complying with such requirements, the definitions in NYCRR 237-1.2 and in 40 CFR 72.2 shall apply, and the terms "affected unit," and "designated representative" in 40 CFR part 75 shall be replaced by the terms "NOx budget unit," and "NOx authorized account representative," respectively, as defined in section 237-1.2.

For any NOx budget unit which is also a NOx budget unit under Part 204 of this title, prior or contemporaneous timely submissions in compliance with the requirements of Subpart 204-8 may, when appropriate, be summarily referenced by the owners and operators of the NOx budget unit in order to demonstrate compliance with the requirements of this Subpart.

Condition 118: Standard Requirements of 238-1
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 238-1

Item 118.1:

(1) The owners and operators of each ADR SO₂ budget source and each SO₂ budget unit at the source shall hold SO₂ allowances available for compliance deductions under 6 NYCRR 238-6.5, as of the SO₂ allowance transfer deadline, in the unit's compliance account and the source's overdraft account in an amount not less than the total SO₂ emissions for the control period from the unit, as determined in accordance with 6 NYCRR 238-8.

(2) Except for future control period SO₂ allowances which may be deducted pursuant to 6 NYCRR 238-6.5(f), a SO₂ allowance shall not be deducted, in order to comply with the requirements under paragraph (1) of this subdivision, for a control period in a year prior to the year for which the SO₂ allowance was allocated.

(3) The owners and operators of a SO₂ budget unit that has excess emissions in any control period shall:

(i) forfeit the SO₂ allowances required for deduction under 6 NYCRR 238-6.5(d)(1); and

(ii) pay any fine, penalty, or assessment or comply with any other remedy imposed under 6 NYCRR 238-6.5(d)(3).

(4) Unless otherwise provided, the owners and operators of the ADR SO₂ budget source and each SO₂ budget unit at the source shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the department.

(i) The account certificate of representation for the SO₂ authorized account representative for the source and each SO₂ budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with 6 NYCRR 238-2.4; provided that the certificate and documents shall be retained on site at the source beyond such five-year period until such documents are superseded because of the submission of a new account certificate of representation changing the SO₂ authorized account representative.



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(ii) All emissions monitoring information, in accordance with 6 NYCRR 238-8 of this Part

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ADR SO₂ Budget Trading Program.

(iv) Copies of all documents used to complete a SO₂ budget permit application and any other submission under the ADR SO₂ Budget Trading Program or to demonstrate compliance with the requirements of the ADR SO₂ Budget Trading Program.

(5) The SO₂ authorized account representative of a SO₂ budget source and each SO₂ budget unit at the source shall submit the reports and compliance certifications required under the ADR SO₂ Budget Trading Program, including those under 6 NYCRR 238-4 or 238-8.

**Condition 119: ADR SO₂ budget Authorized account representative
Effective between the dates of 09/26/2007 and 09/25/2012**

Applicable State Requirement: 6NYCRR 238-2

Item 119.1:

(1) Except where an alternate NO_x authorized account representative has been appointed as provided under 6 NYCRR 237-2.2, each NO_x budget source, including all NO_x budget units at the source, shall have one and only one NO_x authorized account representative, with regard to all matters under the ADRNO_x Budget Trading Program concerning the source or any NO_x budget unit at the source.

(2) Each submission under the ADR NO_x Budget Trading Program shall be submitted, signed, and certified by the NO_x authorized account representative for each NO_x budget source on behalf of which the submission is made. Each such submission shall include the following certification statement by the NO_x authorized account representative: "I am authorized to make the submission on behalf of the owners and operators of the NO_x budget sources or NO_x budget units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

**Condition 120: Compliance Demonstration
Effective between the dates of 09/26/2007 and 09/25/2012**

Applicable State Requirement: 6NYCRR 238-4.1

Item 120.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 120.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For each control period in which one or more SO₂ budget units at a source are subject to the SO₂ budget emissions limitation, the SO₂ authorized account representative of the source shall submit to the Department by the March 1 following the relevant control period, a compliance certification report for each source covering all such units; as per NYCRR 238-4.

The SO₂ authorized account representative shall include in the compliance certification the following elements, in a format prescribed by the department, concerning each unit at the source and subject to the SO₂ budget emissions limitation for the control period covered by the report:

- (1) identification of each SO₂ budget unit;
- (2) except in instances when the SO₂ budget unit seeks to use future control period SO₂ allowances which may be deducted pursuant to NYCRR 238-6.5(f), at the SO₂ authorized account representative's option, the serial numbers of the SO₂ allowances that are to be deducted from each unit's compliance account under NYCRR 238-6.5 for the control period;
- (3) at the SO₂ authorized account representative's option, for units sharing a common stack and having SO₂ emissions that are not monitored separately or apportioned in accordance with NYCRR 238-8, the percentage of SO₂ allowances that is to be deducted from each unit's compliance account under NYCRR 238-6.5(e);
- (4) for units using future control period allowances for compliance purposes pursuant to NYCRR 238-6.5(f), the statement of intent and report required under NYCRR 238-6.5(f)(2); and
- (5) the compliance certification under NYCRR 238-4.1(c).

In the compliance certification report, the SO₂ authorized account representative shall certify, based on reasonable inquiry of those persons with primary responsibility for operating the source and the SO₂ budget units at the

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source in compliance with the ADR SO₂ Budget Trading Program, whether each SO₂ budget unit for which the compliance certification is submitted was operated during the calendar year covered by the report in compliance with the requirements of the ADR SO₂ Budget Trading Program applicable to the unit, including:

(a) whether the unit was operated in compliance with the SO₂ budget emissions limitation;

(b) whether the monitoring plan that governs the unit has been maintained to reflect the actual operation and monitoring of the unit, and contains all information necessary to attribute SO₂ emissions to the unit, in accordance with Subpart 238-8;

(c) whether all the SO₂ emissions from the unit, or a group of units (including the unit) using a common stack, were monitored or accounted for through the missing data procedures and reported in the quarterly monitoring reports, including whether conditional data were reported in the quarterly reports in accordance with Subpart 238-8. If conditional data were reported, the owner or operator shall indicate whether the status of all conditional data has been resolved and all necessary quarterly report resubmissions have been made;

(d) whether the facts that form the basis for certification under Subpart 238-8 of each monitor at the unit or a group of units (including the unit) using a common stack, or for using an excepted monitoring method or alternative monitoring method approved under Subpart 238-8, if any, has changed; and

(e) if a change is required to be reported under (4) above, specify the nature of the change, the reason for the change, when the change occurred, and how the unit's compliance status was determined subsequent to the change, including what method was used to determine emissions when a change mandated the need for monitor recertification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

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Reports due by March 1st

Condition 121: Submission of SO2 allowance transfers
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 238-7.1

Item 121.1:

The SO2 authorized account representatives seeking recordation of an SO2 allowance transfer shall submit the transfer to the department or its agent. To be considered correctly submitted, the SO2 allowance transfer shall include the following elements in a format specified by the department or its agent:

- (a) the numbers identifying both the transferor and transferee accounts;
- (b) a specification by serial number of each SO2 allowance to be transferred; and
- (c) the printed name and signature of the SO2 authorized account representative of the transferor account and the date signed.

Condition 122: Comply with Part 75.
Effective between the dates of 09/26/2007 and 09/25/2012

Applicable State Requirement: 6NYCRR 238-8

Item 122.1:

The owners and operators, and to the extent applicable, the SO2 authorized account representative of an SO2 budget unit, shall comply with the monitoring and reporting requirements as provided for in all applicable sections of 40 CFR part 75. For purposes of complying with such requirements, the definitions in section 238-1.2 of this Part and in 40 CFR 72.2 shall apply, and the terms affected unit, and designated representative in 40 CFR part 75 shall be replaced by the terms SO2 budget unit, and SO2 authorized account representative, respectively, as defined in section 238-1.2 of this Part.