

New York State Department of Environmental Conservation
Facility DEC ID: 4381400029



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-3814-00029/00024
Effective Date: 12/04/2000 Expiration Date: 12/04/2005

Permit Issued To: RENSSLAER COGENERATION LLC
39 RIVERSIDE AVE
RENSSELAER, NY 12144

Facility: RENSSLAER COGEN FACILITY
39 RIVERSIDE AVE
RENSSELAER, NY 12144

Contact: HARRY H BRAND
RENSSELAER COGEN
39 RIVERSIDE AVENUE
RENSSELAER, NY 12144
(518) 465-1657

Description:

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: ARTHUR N HENNINGSON
DIVISION OF ENVIRONMENTAL PERMITS
1150 NORTH WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 4
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 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department

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Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 4 HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1150 North Wescott Rd.
Schenectady, NY 12306-2014
(518) 357-2068



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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RENSSELAER COGEN FACILITY

39 RIVERSIDE AVE
RENSSELAER, NY 12144

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



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.5: Sealing
- 2 6NYCRR 200.6: Acceptable ambient air quality
- 3 6NYCRR 200.7: Maintenance of equipment
- 4 6NYCRR 201-1.2: Unpermitted Emission Sources
- 5 6NYCRR 201-1.4: Unavoidable Noncompliance and Violations
- 6 6NYCRR 201-1.5: Emergency Defense
- 7 6NYCRR 201-1.7: Recycling and Salvage
- 8 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected
Contaminants to the Air
- 9 6NYCRR 201-1.10(b): Public Access to Recordkeeping for Title V
facilities
- 10 6NYCRR 201-3.2(a): Proof of Eligibility
- 11 6NYCRR 201-3.3(a): Proof of Eligibility
- 12 6NYCRR 201-6: Applicable Criteria, Limits, Terms, Conditions and
Standards
- 13 6NYCRR 201-6: Cessation or Reduction of Permitted Activity Not a Defense
- 14 6NYCRR 201-6: Compliance Requirements
- 15 6NYCRR 201-6: Federally-Enforceable Requirements
- 16 6NYCRR 201-6: Fees
- 17 6NYCRR 201-6: Monitoring, Related Recordkeeping and Reporting
Requirements
- 18 6NYCRR 201-6: Permit Revocation, Modification, Reopening, Reissuance
or Termination, and Associated Information Submission Requirements
- 19 6NYCRR 201-6: Permit Shield
- 20 6NYCRR 201-6: Property Rights
- 21 6NYCRR 201-6: Reopening for Cause
- 22 6NYCRR 201-6: Right to Inspect
- 23 6NYCRR 201-6: Severability
- 24 6NYCRR 201-6: Emission Unit Definition
- 27 6NYCRR 201-6.5(c)(3): Compliance Certification
- 28 6NYCRR 201-6.5(e): Compliance Certification
- 25 6NYCRR 201-6.5(g): Permit Exclusion Provisions
- 26 6NYCRR 201-6.5(g): Non Applicable requirements
- 29 6NYCRR 202-1.1: Required emissions tests
- 30 6NYCRR 202-2.1: Compliance Certification
- 31 6NYCRR 202-2.5: Recordkeeping requirements
- 32 6NYCRR 211.3: Visible emissions limited.
- 33 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 34 6NYCRR 225-1.4: Temporary variances.
- 35 6NYCRR 225-1.7(b)(2): Compliance Certification
- 36 6NYCRR 225-1.7(d): Compliance Certification



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- 37 6NYCRR 225-1.8: Compliance Certification
 - 38 6NYCRR 227-1.3(a): Compliance Certification
 - 39 6NYCRR 227-2.1: This condition states the facility is applicable to NO_x RACT.
 - 40 6NYCRR 227-2.3: Compliance plans and deadlines.
 - 41 6NYCRR 227-3.12: Authorized Account Representatives (AARs)
 - 42 6NYCRR 227-3.13: General provisions for emissions monitoring.
 - 43 6NYCRR 227-3.15: Compliance Certification
 - 44 6NYCRR 227-3.16: Compliance Certification
 - 45 6NYCRR 227-3.17: Compliance Certification
 - 46 40CFR 52.21, Subpart A: Facility Permissible Emissions
 - 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 60.4, NSPS Subpart A: EPA Region 2 address.
 - 52 40CFR 60.7(a), NSPS Subpart A: Date of construction notification.
 - 53 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
 - 54 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
 - 55 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
 - 56 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
 - 57 40CFR 60.8(d), NSPS Subpart A: Prior notice.
 - 58 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
 - 59 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
 - 60 40CFR 60.9, NSPS Subpart A: Availability of information.
 - 61 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
 - 62 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
 - 63 40CFR 60.12, NSPS Subpart A: Circumvention.
 - 64 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
 - 65 40CFR 60.14, NSPS Subpart A: Modifications.
 - 66 40CFR 60.15, NSPS Subpart A: Reconstruction
 - 67 40CFR 82, Subpart F: Recycling and Emissions Reduction
- Emission Unit Level**
- 68 6NYCRR 201-6: Emission Point Definition By Emission Unit
 - 69 6NYCRR 201-6: Process Definition By Emission Unit
 - 70 40CFR 52.21, Subpart A: Process Permissible Emissions

EU=1-EDGEN,EP=00003,Proc=DG1

- *71 40CFR 52.21, Subpart A: Compliance Certification
- *72 40CFR 52.21, Subpart A: Compliance Certification
- *73 40CFR 52.21, Subpart A: Compliance Certification

EU=1-EDGEN,EP=00003,Proc=DG1,ES=EDGEN

- 74 6NYCRR 227-1: Compliance Certification

EU=1-FPDSL,EP=00004,Proc=FP1



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*75 40CFR 52.21, Subpart A: Compliance Certification

*76 40CFR 52.21, Subpart A: Compliance Certification

EU=1-FPDSL,EP=00004,Proc=FP1,ES=FPDSL

77 6NYCRR 227-1: Compliance Certification

EU=1-GTDBS

78 6NYCRR 227-1.3(a): Compliance Certification

79 6NYCRR 227-1.7(a): Fuel sampling.

80 40CFR 60.7(c), NSPS Subpart A: Excess emissions report.

81 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.

82 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.

83 40CFR 60.44b(h), NSPS Subpart Db: Compliance Certification

84 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.

85 40CFR 60.49b(d), NSPS Subpart Db: Compliance Certification

86 40CFR 60.332(a)(1), NSPS Subpart GG: Standard for nitrogen oxides.

87 40CFR 60.333(b), NSPS Subpart GG: Compliance Certification

88 40CFR 60.334(c)(3), NSPS Subpart GG: Compliance Certification

89 40CFR 60.335(b), NSPS Subpart GG: Acceptable test methods

90 40CFR 60.335(c)(1), NSPS Subpart GG: Nitrogen oxides emission rate calculation

91 40CFR 60.335(e), NSPS Subpart GG: Requirement for analysis of Nitrogen and Sulfur in fuel

EU=1-GTDBS,Proc=BW1

92 40CFR 60.49b(f), NSPS Subpart Db: Compliance Certification

93 40CFR 60.332(f), NSPS Subpart GG: Exemption from NOx standard.

EU=1-GTDBS,Proc=BW1,ES=000DB

94 40CFR 60.48b(h), NSPS Subpart Db: Exemption from oxides of nitrogen monitoring requirements.

95 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification

96 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,Proc=BW2

97 40CFR 60.42b(a), NSPS Subpart Db: Sulfur dioxide standard.

98 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.

99 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.

100 40CFR 60.43b(f), NSPS Subpart Db: Opacity standard.

101 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.

102 40CFR 60.45b(j), NSPS Subpart Db: Compliance Certification

103 40CFR 60.48b(a), NSPS Subpart Db: Opacity monitoring requirements.

104 40CFR 60.49b(f), NSPS Subpart Db: Compliance Certification

105 40CFR 60.49b(r), NSPS Subpart Db: Compliance Certification



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106 40CFR 60.332(f), NSPS Subpart GG: Exemption from NO_x standard.

107 40CFR 60.335(d), NSPS Subpart GG: Methods for determining compliance with the sulfur content standard

EU=1-GTDBS,Proc=BW2,ES=000DB

108 40CFR 60.48b(h), NSPS Subpart Db: Exemption from oxides of nitrogen monitoring requirements.

109 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification

110 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,Proc=BW3

111 40CFR 60.332(f), NSPS Subpart GG: Exemption from NO_x standard.

112 40CFR 60.335(d), NSPS Subpart GG: Methods for determining compliance with the sulfur content standard

EU=1-GTDBS,Proc=BW3,ES=000DB

113 40CFR 60.48b(h), NSPS Subpart Db: Exemption from oxides of nitrogen monitoring requirements.

114 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification

115 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,Proc=G01

116 40CFR 60.332(f), NSPS Subpart GG: Exemption from NO_x standard.

EU=1-GTDBS,Proc=G02

117 40CFR 60.332(f), NSPS Subpart GG: Exemption from NO_x standard.

118 40CFR 60.335(d), NSPS Subpart GG: Methods for determining compliance with the sulfur content standard

EU=1-GTDBS,Proc=GB1,ES=000DB

119 40CFR 60.48b(h), NSPS Subpart Db: Exemption from oxides of nitrogen monitoring requirements.

120 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification

121 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,Proc=GB2

122 40CFR 60.42b(a), NSPS Subpart Db: Sulfur dioxide standard.

123 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.

124 40CFR 60.43b(f), NSPS Subpart Db: Opacity standard.

125 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.

126 40CFR 60.45b(j), NSPS Subpart Db: Compliance Certification

127 40CFR 60.48b(a), NSPS Subpart Db: Opacity monitoring requirements.

128 40CFR 60.49b(f), NSPS Subpart Db: Compliance Certification

129 40CFR 60.49b(r), NSPS Subpart Db: Compliance Certification

130 40CFR 60.335(d), NSPS Subpart GG: Methods for determining

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compliance with the sulfur content standard

EU=1-GTDBS,Proc=GB2,ES=000DB

131 40CFR 60.48b(h), NSPS Subpart Db: Exemption from oxides of nitrogen monitoring requirements.

132 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification

133 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,Proc=GB3

134 40CFR 60.335(d), NSPS Subpart GG: Methods for determining compliance with the sulfur content standard

EU=1-GTDBS,Proc=GB3,ES=000DB

135 40CFR 60.48b(h), NSPS Subpart Db: Exemption from oxides of nitrogen monitoring requirements.

136 40CFR 60.49b(a), NSPS Subpart Db: Compliance Certification

137 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,Proc=GW1

138 40CFR 60.332(f), NSPS Subpart GG: Exemption from NO_x standard.

EU=1-GTDBS,Proc=GW2

139 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.

140 40CFR 60.332(f), NSPS Subpart GG: Exemption from NO_x standard.

141 40CFR 60.335(d), NSPS Subpart GG: Methods for determining compliance with the sulfur content standard

EU=1-GTDBS,EP=00001

142 6NYCRR 227-1.4(b): Compliance Certification

143 6NYCRR 227-1.4(c): Compliance Certification

144 6NYCRR 227-2.6(b)(4)(iv): Compliance Certification

*145 40CFR 52.21, Subpart A: Compliance Certification

*146 40CFR 52.21, Subpart A: Compliance Certification

*147 40CFR 52.21, Subpart A: Compliance Certification

*148 40CFR 52.21, Subpart A: Compliance Certification

*149 40CFR 52.21, Subpart A: Compliance Certification

*150 40CFR 52.21, Subpart A: Compliance Certification

*151 40CFR 52.21, Subpart A: Compliance Certification

*152 40CFR 52.21, Subpart A: Compliance Certification

153 40CFR 60.46b(a), NSPS Subpart Db: Compliance Certification

154 40CFR 60.49b(h)(2), NSPS Subpart Db: Compliance Certification

155 40CFR 60.49b(h)(4), NSPS Subpart Db: Compliance Certification

156 40CFR 60.334(b)(2), NSPS Subpart GG: Compliance Certification

157 40CFR 60.334(c)(1), NSPS Subpart GG: Compliance Certification

158 40CFR 60.335(a), NSPS Subpart GG: Compliance Certification



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EU=1-GTDBS,EP=00001,Proc=BW1

- *159 40CFR 52.21, Subpart A: Compliance Certification
- 160 40CFR 52.21, Subpart A: Compliance Certification
- *161 40CFR 52.21, Subpart A: Compliance Certification
- 162 40CFR 52.21, Subpart A: Compliance Certification
- *163 40CFR 52.21, Subpart A: Compliance Certification
- *164 40CFR 52.21, Subpart A: Compliance Certification
- *165 40CFR 52.21, Subpart A: Compliance Certification
- *166 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=BW1,ES=000DB

- *167 40CFR 52.21, Subpart A: Compliance Certification
- *168 40CFR 52.21, Subpart A: Compliance Certification
- *169 40CFR 52.21, Subpart A: Compliance Certification
- *170 40CFR 52.21, Subpart A: Compliance Certification
- *171 40CFR 52.21, Subpart A: Compliance Certification
- *172 40CFR 52.21, Subpart A: Compliance Certification
- 173 40CFR 60.44b(i), NSPS Subpart Db: Compliance Certification
- 174 40CFR 60.46b(c), NSPS Subpart Db: Compliance Certification
- 175 40CFR 60.46b(f), NSPS Subpart Db: Compliance Certification
- 176 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 177 40CFR 60.49b(e), NSPS Subpart Db: Compliance Certification
- 178 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=BW1,ES=000GT

- *179 40CFR 52.21, Subpart A: Compliance Certification
- *180 40CFR 52.21, Subpart A: Compliance Certification
- *181 40CFR 52.21, Subpart A: Compliance Certification
- *182 40CFR 52.21, Subpart A: Compliance Certification
- *183 40CFR 52.21, Subpart A: Compliance Certification
- *184 40CFR 52.21, Subpart A: Compliance Certification
- 185 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 186 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=BW2

- *187 40CFR 52.21, Subpart A: Compliance Certification
- *188 40CFR 52.21, Subpart A: Compliance Certification
- *189 40CFR 52.21, Subpart A: Compliance Certification
- *190 40CFR 52.21, Subpart A: Compliance Certification
- *191 40CFR 52.21, Subpart A: Compliance Certification
- 192 40CFR 52.21, Subpart A: Compliance Certification
- *193 40CFR 52.21, Subpart A: Compliance Certification
- *194 40CFR 52.21, Subpart A: Compliance Certification
- *195 40CFR 52.21, Subpart A: Compliance Certification
- 196 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=BW2,ES=000DB



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- *197 40CFR 52.21, Subpart A: Compliance Certification
- *198 40CFR 52.21, Subpart A: Compliance Certification
- *199 40CFR 52.21, Subpart A: Compliance Certification
- *200 40CFR 52.21, Subpart A: Compliance Certification
- *201 40CFR 52.21, Subpart A: Compliance Certification
- 202 40CFR 52.21, Subpart A: Compliance Certification
- 203 40CFR 60.44b(i), NSPS Subpart Db: Compliance Certification
- 204 40CFR 60.46b(b), NSPS Subpart Db: Compliance Certification
- 205 40CFR 60.46b(c), NSPS Subpart Db: Compliance Certification
- 206 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 207 40CFR 60.46b(f), NSPS Subpart Db: Compliance Certification
- 208 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 209 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 210 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 211 40CFR 60.49b(h)(3), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=BW2,ES=000GT

- *212 40CFR 52.21, Subpart A: Compliance Certification
- *213 40CFR 52.21, Subpart A: Compliance Certification
- *214 40CFR 52.21, Subpart A: Compliance Certification
- *215 40CFR 52.21, Subpart A: Compliance Certification
- 216 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 217 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=BW3

- *218 40CFR 52.21, Subpart A: Compliance Certification
- *219 40CFR 52.21, Subpart A: Compliance Certification
- 220 40CFR 52.21, Subpart A: Compliance Certification
- *221 40CFR 52.21, Subpart A: Compliance Certification
- 222 40CFR 52.21, Subpart A: Compliance Certification
- *223 40CFR 52.21, Subpart A: Compliance Certification
- *224 40CFR 52.21, Subpart A: Compliance Certification
- *225 40CFR 52.21, Subpart A: Compliance Certification
- *226 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=BW3,ES=000DB

- *227 40CFR 52.21, Subpart A: Compliance Certification
- *228 40CFR 52.21, Subpart A: Compliance Certification
- *229 40CFR 52.21, Subpart A: Compliance Certification
- *230 40CFR 52.21, Subpart A: Compliance Certification
- 231 40CFR 60.44b(i), NSPS Subpart Db: Compliance Certification
- 232 40CFR 60.46b(c), NSPS Subpart Db: Compliance Certification
- 233 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 234 40CFR 60.46b(f), NSPS Subpart Db: Compliance Certification
- 235 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 236 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification



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- *237 40CFR 52.21, Subpart A: Compliance Certification
- *238 40CFR 52.21, Subpart A: Compliance Certification
- *239 40CFR 52.21, Subpart A: Compliance Certification
- *240 40CFR 52.21, Subpart A: Compliance Certification
- *241 40CFR 52.21, Subpart A: Compliance Certification
- *242 40CFR 52.21, Subpart A: Compliance Certification
- 243 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 244 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=G01

- *245 40CFR 52.21, Subpart A: Compliance Certification
- *246 40CFR 52.21, Subpart A: Compliance Certification
- 247 40CFR 52.21, Subpart A: Compliance Certification
- 248 40CFR 52.21, Subpart A: Compliance Certification
- *249 40CFR 52.21, Subpart A: Compliance Certification
- *250 40CFR 52.21, Subpart A: Compliance Certification
- 251 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 252 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=G01,ES=000GT

- *253 40CFR 52.21, Subpart A: Compliance Certification
- *254 40CFR 52.21, Subpart A: Compliance Certification
- *255 40CFR 52.21, Subpart A: Compliance Certification
- *256 40CFR 52.21, Subpart A: Compliance Certification
- *257 40CFR 52.21, Subpart A: Compliance Certification
- *258 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=G02

- *259 40CFR 52.21, Subpart A: Compliance Certification
- *260 40CFR 52.21, Subpart A: Compliance Certification
- *261 40CFR 52.21, Subpart A: Compliance Certification
- 262 40CFR 52.21, Subpart A: Compliance Certification
- *263 40CFR 52.21, Subpart A: Compliance Certification
- *264 40CFR 52.21, Subpart A: Compliance Certification
- 265 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=G02,ES=000GT

- *266 40CFR 52.21, Subpart A: Compliance Certification
- *267 40CFR 52.21, Subpart A: Compliance Certification
- *268 40CFR 52.21, Subpart A: Compliance Certification
- *269 40CFR 52.21, Subpart A: Compliance Certification
- *270 40CFR 52.21, Subpart A: Compliance Certification
- *271 40CFR 52.21, Subpart A: Compliance Certification
- 272 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 273 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

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EU=1-GTDBS,EP=00001,Proc=GB1

- 274 40CFR 52.21, Subpart A: Compliance Certification
- *275 40CFR 52.21, Subpart A: Compliance Certification
- *276 40CFR 52.21, Subpart A: Compliance Certification
- 277 40CFR 52.21, Subpart A: Compliance Certification
- *278 40CFR 52.21, Subpart A: Compliance Certification
- *279 40CFR 52.21, Subpart A: Compliance Certification
- *280 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB1,ES=000DB

- *281 40CFR 52.21, Subpart A: Compliance Certification
- *282 40CFR 52.21, Subpart A: Compliance Certification
- *283 40CFR 52.21, Subpart A: Compliance Certification
- *284 40CFR 52.21, Subpart A: Compliance Certification
- *285 40CFR 52.21, Subpart A: Compliance Certification
- 286 40CFR 60.44b(i), NSPS Subpart Db: Compliance Certification
- 287 40CFR 60.46b(c), NSPS Subpart Db: Compliance Certification
- 288 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 289 40CFR 60.46b(f), NSPS Subpart Db: Compliance Certification
- 290 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 291 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB1,ES=000GT

- *292 40CFR 52.21, Subpart A: Compliance Certification
- *293 40CFR 52.21, Subpart A: Compliance Certification
- *294 40CFR 52.21, Subpart A: Compliance Certification
- *295 40CFR 52.21, Subpart A: Compliance Certification
- 296 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 297 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB2

- *298 40CFR 52.21, Subpart A: Compliance Certification
- *299 40CFR 52.21, Subpart A: Compliance Certification
- *300 40CFR 52.21, Subpart A: Compliance Certification
- *301 40CFR 52.21, Subpart A: Compliance Certification
- 302 40CFR 52.21, Subpart A: Compliance Certification
- *303 40CFR 52.21, Subpart A: Compliance Certification
- *304 40CFR 52.21, Subpart A: Compliance Certification
- *305 40CFR 52.21, Subpart A: Compliance Certification
- 306 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB2,ES=000DB

- *307 40CFR 52.21, Subpart A: Compliance Certification
- *308 40CFR 52.21, Subpart A: Compliance Certification
- *309 40CFR 52.21, Subpart A: Compliance Certification
- *310 40CFR 52.21, Subpart A: Compliance Certification
- 311 40CFR 60.44b(i), NSPS Subpart Db: Compliance Certification



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- 312 40CFR 60.46b(c), NSPS Subpart Db: Compliance Certification
- 313 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 314 40CFR 60.46b(f), NSPS Subpart Db: Compliance Certification
- 315 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 316 40CFR 60.49b(b), NSPS Subpart Db: Compliance Certification
- 317 40CFR 60.49b(e), NSPS Subpart Db: Compliance Certification
- 318 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 319 40CFR 60.49b(h)(3), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB2,ES=000GT

- *320 40CFR 52.21, Subpart A: Compliance Certification
- *321 40CFR 52.21, Subpart A: Compliance Certification
- *322 40CFR 52.21, Subpart A: Compliance Certification
- *323 40CFR 52.21, Subpart A: Compliance Certification
- *324 40CFR 52.21, Subpart A: Compliance Certification
- *325 40CFR 52.21, Subpart A: Compliance Certification
- 326 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 327 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB3

- *328 40CFR 52.21, Subpart A: Compliance Certification
- *329 40CFR 52.21, Subpart A: Compliance Certification
- 330 40CFR 52.21, Subpart A: Compliance Certification
- 331 40CFR 52.21, Subpart A: Compliance Certification
- *332 40CFR 52.21, Subpart A: Compliance Certification
- *333 40CFR 52.21, Subpart A: Compliance Certification
- *334 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB3,ES=000DB

- *335 40CFR 52.21, Subpart A: Compliance Certification
- *336 40CFR 52.21, Subpart A: Compliance Certification
- *337 40CFR 52.21, Subpart A: Compliance Certification
- *338 40CFR 52.21, Subpart A: Compliance Certification
- 339 40CFR 60.44b(i), NSPS Subpart Db: Compliance Certification
- 340 40CFR 60.46b(b), NSPS Subpart Db: Compliance Certification
- 341 40CFR 60.46b(b), NSPS Subpart Db: Compliance Certification
- 342 40CFR 60.46b(c), NSPS Subpart Db: Compliance Certification
- 343 40CFR 60.46b(e), NSPS Subpart Db: Compliance Certification
- 344 40CFR 60.46b(f), NSPS Subpart Db: Compliance Certification
- 345 40CFR 60.49b(e), NSPS Subpart Db: Compliance Certification
- 346 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GB3,ES=000GT

- *347 40CFR 52.21, Subpart A: Compliance Certification
- *348 40CFR 52.21, Subpart A: Compliance Certification
- *349 40CFR 52.21, Subpart A: Compliance Certification
- *350 40CFR 52.21, Subpart A: Compliance Certification



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- *351 40CFR 52.21, Subpart A: Compliance Certification
- *352 40CFR 52.21, Subpart A: Compliance Certification
- 353 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 354 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GW1

- *355 40CFR 52.21, Subpart A: Compliance Certification
- *356 40CFR 52.21, Subpart A: Compliance Certification
- 357 40CFR 52.21, Subpart A: Compliance Certification
- 358 40CFR 52.21, Subpart A: Compliance Certification
- *359 40CFR 52.21, Subpart A: Compliance Certification
- *360 40CFR 52.21, Subpart A: Compliance Certification
- *361 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GW1,ES=000GT

- *362 40CFR 52.21, Subpart A: Compliance Certification
- *363 40CFR 52.21, Subpart A: Compliance Certification
- *364 40CFR 52.21, Subpart A: Compliance Certification
- *365 40CFR 52.21, Subpart A: Compliance Certification
- 366 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 367 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GW2

- *368 40CFR 52.21, Subpart A: Compliance Certification
- 369 40CFR 52.21, Subpart A: Compliance Certification
- *370 40CFR 52.21, Subpart A: Compliance Certification
- *371 40CFR 52.21, Subpart A: Compliance Certification
- *372 40CFR 52.21, Subpart A: Compliance Certification
- *373 40CFR 52.21, Subpart A: Compliance Certification
- *374 40CFR 52.21, Subpart A: Compliance Certification
- *375 40CFR 52.21, Subpart A: Compliance Certification
- 376 40CFR 52.21, Subpart A: Compliance Certification

EU=1-GTDBS,EP=00001,Proc=GW2,ES=000GT

- *377 40CFR 52.21, Subpart A: Compliance Certification
- *378 40CFR 52.21, Subpart A: Compliance Certification
- *379 40CFR 52.21, Subpart A: Compliance Certification
- *380 40CFR 52.21, Subpart A: Compliance Certification
- *381 40CFR 52.21, Subpart A: Compliance Certification
- *382 40CFR 52.21, Subpart A: Compliance Certification
- 383 40CFR 60.334(a), NSPS Subpart GG: Compliance Certification
- 384 40CFR 60.335(c)(2), NSPS Subpart GG: Compliance Certification

EU=1-HWBLR,EP=00005,Proc=HB1

- *385 40CFR 52.21, Subpart A: Compliance Certification

EU=T-00110



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- 386 40CFR 60.116b(a), NSPS Subpart Kb: Monitoring of operations.
- 387 40CFR 60.116b(b), NSPS Subpart Kb: Records of the dimension and capacity of storage vessels

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 388 6NYCRR 201-5: General Provisions
- 389 6NYCRR 201-5.3(b): Contaminant List
- 390 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

EU=1-GTDBS,EP=00001

- 391 6NYCRR 211.2: Compliance Demonstration
- 392 6NYCRR 211.2: Compliance Demonstration
- 393 6NYCRR 211.2: Compliance Demonstration
- 394 6NYCRR 211.2: Compliance Demonstration
- 395 6NYCRR 211.2: Compliance Demonstration
- 396 6NYCRR 211.2: Compliance Demonstration
- 397 6NYCRR 211.2: Compliance Demonstration
- 398 6NYCRR 211.2: Compliance Demonstration
- 399 6NYCRR 211.2: Compliance Demonstration
- 400 6NYCRR 211.2: Compliance Demonstration

NOTE: * preceding the condition number indicates capping.COMBINED

Permit Effective Date: 12/04/2000

Permit Expiration Date: 12/04/2005



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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

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

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

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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

Maintenance of equipment

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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

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Condition 4: Unpermitted Emission Sources
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

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

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

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

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

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



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of the emission rates.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air taminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

Condition 6: Emergency Defense
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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

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

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

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

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

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

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

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

Condition 7: Recycling and Salvage
Effective between the dates of 12/04/2000 and 12/04/2005

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Applicable Federal Requirement: 6NYCRR 201-1.7

Item 7.1:

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

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

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

Condition 9: Public Access to Recordkeeping for Title V facilities
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 9.1:

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

Condition 10: Proof of Eligibility
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 10.1:

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

Condition 11: Proof of Eligibility
Effective between the dates of 12/04/2000 and 12/04/2005

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

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Item 11.1:

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

Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 12.1:

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

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

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

Item 12.2:

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

Condition 13: Cessation or Reduction of Permitted Activity Not a Defense

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 13.1:

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

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Compliance Requirements

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 14.1:

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

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

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

Item 14.2:

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

Item 14.3:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. Such progress reports shall contain the following:

- i. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- ii. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 15: Federally-Enforceable Requirements

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6



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Item 15.1:

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

Condition 16: Fees

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 16.1:

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

Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 17.1:

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

Condition 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 18.1:

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

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



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Administrator along with a claim of confidentiality.

Condition 19: Permit Shield

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 19.1:

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

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

Condition 20: Property Rights

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 20.1:

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

Condition 21: Reopening for Cause

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 21.1:

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

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

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

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

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

Item 21.2:

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

Item 21.3:

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

Condition 22: Right to Inspect

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 22.1:

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

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

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

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

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

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Condition 23: Severability

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Emission Unit Definition

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1:

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

Emission Unit: 1-EDGEN

Emission Unit Description:

EMERGENCY DIESEL GENERATOR ENGINE.

Building(s): B003

Item 24.2:

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

Emission Unit: 1-FPDSL

Emission Unit Description:

EMERGENCY FIRE WATER PUMP ENGINE.

Building(s): B004

Item 24.3:

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

Emission Unit: 1-GTDBS

Emission Unit Description:

ONE COMBUSTION TURBINE WITH SUPPLEMENTAL
DUCT BURNERS AND A SELECTIVE CATALYTIC
REDUCTION (SCR) SYSTEM FOR NOX CONTROL
VENTING THROUGH ONE STACK ATTACHED TO THE
TURBINE/GENERATOR BUILDING.

Building(s): B001

Item 24.4:

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

Emission Unit: 1-HWBLR

Emission Unit Description:



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HOT WATER BOILER IS USED FOR FREEZE
PROTECTION AND FUEL OIL PREHEATING.

Building(s): B001

Item 24.5:

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

Emission Unit: T-00110

Emission Unit Description:

MAIN 350,000 GALLON NO. 2 FUEL OIL TANK
VENT. THE TANK IS 40 FEET HIGH WITH A 40
FOOT DIAMETER.

Building(s): B002

Condition 27: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 6NYCRR 201-6.5(c)(3)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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.

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 28: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;

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- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

Compliance certifications shall be submitted annually. Certification reports are due 30 days after the end of the calendar year.

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

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

1150 North Westcott Road
Schenectady, NY 12306-2014

The address for the BCME is as follows:

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

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due on the same day each year

Condition 25: Permit Exclusion Provisions



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Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 25.1:

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

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

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

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

Condition 26: Non Applicable requirements

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 26.1:

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 29: Required emissions tests

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 202-1.1



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Item 29.1:

An acceptable report of measured emissions shall be submitted, as may be required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 31: Recordkeeping requirements

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 31.1:

(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.

Visible emissions limited.

Effective between the dates of 12/04/2000 and 12/04/2005

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Applicable Federal Requirement: 6NYCRR 211.3

Item 32.1:

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 33: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 12/04/2000 and 12/04/2005**

Applicable Federal Requirement: 6NYCRR 215

Item 33.1:

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

**Condition 34: Temporary variances.
Effective between the dates of 12/04/2000 and 12/04/2005**

Applicable Federal Requirement: 6NYCRR 225-1.4

Item 34.1:

Upon application by an air contamination source owner or a fuel supplier the commissioner may issue an order granting a temporary variance from the provisions of 6 NYCRR Part 225-1 where it can be shown, to the commissioner's satisfaction, that there is an insufficient supply of conforming fuel, either:

- (1) of the proper type required for use in a particular air contamination source; or
- (2) generally throughout an area of the State.

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 225-1.7(b)(2)

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



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Fuel sampling and analysis must be conducted in a manner approved by the commissioner.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 225-1.7(d)

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Data collected pursuant to this section must be tabulated and summarized in a form acceptable to the commissioner, and must be retained for three years. The source owner must furnish such records and summaries upon request of the commissioner.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 37: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 225-1.8

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

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1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition

- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then the Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Reference Test Method: METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE



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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 39: This condition states the facility is applicable to NOx RACT.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-2.1

Item 39.1:

This facility is subject to NOx RACT.

Condition 40: Compliance plans and deadlines.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-2.3

Item 40.1:

All existing combustion installations at major stationary sources of NOx subject to Subpart 227-2 shall by March 15, 1994 identify measures necessary to achieve compliance with Subpart 227-2.

Requirements contained in an permit(s) to construct or certificates to operate in effect which are more restrictive than those contained in this Subpart, or which impose additional requirements beyond those contained in this Subpart, will remain in effect. Small boilers are not subject to this section. Any owner or operator of a facility subject to this section must submit to the Department an operating plan acceptable to the Department (items to be included at a minimum are listed in 227- 2.3g).

Condition 41: Authorized Account Representatives (AARs)

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-3.12

Item 41.1: Each budget source must designate an AAR, and may designate an alternate AAR, for each compliance account and compliance overdraft account.

Condition 42: General provisions for emissions monitoring.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-3.13

Item 42.1: The owner and/or operator of each budget source subject to this Subpart must comply with the following requirements, as applicable:

(1) NOx mass emissions from each budget source shall be monitored as specified in both this Section and the Guidance Document, (The January 28, 1997 document issued by the Ozone Transport Commission titled "Guidance for Implementation of Emission Monitoring Requirements for the NOx Budget Program")



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as well as attendant and incorporated documents including the July 3, 1997 document issued by the OTC titled "NOx Budget Program Monitoring Certification and Reporting Requirements" and the July 3, 1997 document issued by the Administrator titled "Electronic Data Reporting, Acid Rain Program/NOx Budget Program."

(2) A monitoring plan for each existing budget source must be submitted to the Department in accordance with the procedures, but not the deadlines, outlined in the Guidance Document. The monitoring plan must be submitted within 30 days of the effective date of this Subpart.

(3) Emissions monitoring systems required by this Section shall be installed, operational and meet all of the certification testing requirements in accordance with the procedures outlined in the Guidance Document by May 1, 1999 or the first hour that the budget source is operating during a control period.

(4) Monitoring systems are subject to initial performance testing and periodic calibration, accuracy testing and quality assurance/quality control testing as specified in the Guidance Document.

(5) During a period when valid data are not being recorded by monitoring devices approved for use to demonstrate compliance with this Subpart, missing or invalid data shall be replaced with representative default data in accordance with the provisions of 40 CFR Part 75 and the Guidance Document.

(6) NOx emissions data shall be reported to the NETS in accordance with provisions of Section 227-3.15.

(7) Budget sources that commence operation during the allocation period shall begin reporting data in the first hour that the budget source is operating during a control period.

Condition 43: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-3.15

Item 43.1:

The Compliance Certification activity will be performed for the Facility.

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This budget source must submit to the Administrator, in a format which meets the requirements of the Administrator's Electronic Data Reporting convention, information regarding emissions and operations during each calendar quarter of each year in accordance with the procedures specified in the Guidance Document.



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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 44: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-3.16

Item 44.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Each year during the period extending from November 1 through the allowance transfer deadline, December 31, this budget source may request the Administrator to deduct a number of allowances from the budget source's compliance account equal to the current year control period NO_x emissions from the budget source. The request must include identification of the compliance account from which the deductions should be made. The request may include the serial numbers of the particular allowances to be deducted. If no serial numbers are included, the Administrator will first deduct allowances allocated for the current year control period. If the Administrator exhausts all allowances allocated for the current year control period, the Administrator will next deduct banked allowances in the compliance account in the order in which they were deposited. The request may only involve allowances placed in the budget source's compliance account; allowances in a compliance overdraft account or general account may not be deducted pursuant to the request.

(b) If, by November 1 of the current year, the total number of allowances in the budget source's compliance account and compliance overdraft account, including

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allowance transfer requests properly submitted to the Administrator, is less than the current year control period NOx emissions from the budget source, the budget source must obtain additional allowances by the allowance transfer deadline so that the total number of allowances in the compliance account and compliance overdraft account, including allowance transfer requests properly submitted to the Administrator by the allowance transfer deadline, at least equals the current year control period NOx emissions rounded to the nearest whole ton. The Administrator will not consider for compliance purposes allowances contained in any general account held by the owner and/or operator of the budget source.

(c) If, by the allowance transfer deadline, this budget source either makes no allowance deduction request or makes a request that is insufficient to meet the requirements of Subdivision 227-3.16(a), the Administrator will deduct a number of allowances from the budget source's compliance account and compliance overdraft account that equals the current year control period NOx emissions from the budget source. Under this Subdivision, the Administrator will deduct allowances in the following order:

- (1) Current year allowances from the compliance account in the order in which they were deposited.
- (2) Banked allowances in the compliance account in the order in which they were deposited.
- (3) Current year allowances from the compliance overdraft account in the order in which they were deposited.
- (4) Banked allowances from the compliance overdraft account in the order in which they were deposited.

(d) Any banked allowances deducted pursuant to this Section shall be deducted in accordance with the provisions of Section 227-3.9.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-3.17

Item 45.1:

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The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (a) By December 31 of each year, this budget source must submit a compliance certification to the Department relating to the budget source's activities during the current year.
- (b) The compliance certification shall contain, at a minimum:
 - (1) identification of the budget source, including address of the budget source, name and address of the owner and/or operator, account numbers of the relevant compliance account and compliance overdraft account and the name of the AAR;
 - (2) a statement indicating whether NO_x emissions data have been reported to the NETS in accordance with the procedures set forth in Section 227-3.15 and any additional procedures established by the Administrator;
 - (3) a statement indicating whether the budget source has a number of allowances in its compliance account or compliance overdraft account equal to or greater than the budget source's NO_x emissions for the current year control period;
 - (4) a statement indicating whether the monitoring data reflected the actual operation of the budget source;
 - (5) a statement indicating whether all NO_x emissions from the budget source were accounted for, either through the relevant monitoring or application of the appropriate missing data procedures; and
 - (6) a statement indicating whether there were any changes in the method of operation of the budget source or the method of monitoring the budget source during the current year.
- (c) The Department may verify compliance by whatever means necessary, including, but not limited to, the following:
 - (1) inspection of budget source operating records;



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- (2) examining information contained in the NATS (NO_x Allowance Tracking System) regarding allowance deductions and transfers for the budget source;
- (3) examining information contained in the NETS (NO_x Emission Tracking System) regarding NO_x emissions from the budget source;
- (4) testing emission monitoring devices; and,
- (5) testing conducted pursuant to 6 NYCRR Part 202.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Facility Permissible Emissions
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 46.1:

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

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

CAS No: 007446-09-5

PTE: 67,588 pounds per year

Name: SULFUR DIOXIDE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 47.1:

The Compliance Certification activity will be performed for the Facility.

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission limits apply at all loads of operation, except during periods of startup, fuel switching, malfunctions (as stated in the paragraphs of subdivision 6NYCRR Part 201.5(d) and shut down (not to exceed three hours per occurrence). Combustion turbine water washing may be done while on-line, but not to exceed 500 hours per 12 month period. Records must be maintained which clearly show the time that water washing took place.



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Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 48.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 48.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE SULFUR CONTENT OF THE FUEL BURNED AT
THE FACILITY SHALL NOT EXCEED 0.05
PERCENT BY WEIGHT.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.05 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 49.1:

The Compliance Certification activity will be performed for the Facility.

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Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ALL EMISSION LIMITS BASED ON HEAT INPUT
CORRESPOND TO THE HIGHER HEATING VALUE
(HHV) OF THE FUEL BURNED.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 50.1:

The Compliance Certification activity will be performed for the Facility.

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All emissions are based on a one hour average.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

EPA Region 2 address.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 51.1:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:



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Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor

New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC
Bureau of Enforcement and Compliance Assurance
50 Wolf Road
Albany, NY 12233-3254

Condition 52: Date of construction notification.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 52.1:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;
- 2) a notification of the anticipated date of initial start up, post marked not more than 60 days not less than 30 days prior to such date;
- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under this part. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date; and



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7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, post marked not less than 30 days prior to the performance test.

Condition 53: Recordkeeping requirements.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 53.1:

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

Condition 54: Performance testing timeline.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 54.1:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Performance test methods.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 55.1:

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

Condition 56: Required performance test information.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 56.1:

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

Condition 57: Prior notice.

Effective between the dates of 12/04/2000 and 12/04/2005

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

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Item 57.1:

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

Condition 58: Performance testing facilities.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 58.1:

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

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

Condition 59: Number of required tests.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 59.1:

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

Condition 60: Availability of information.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 60.1:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

Condition 61: Opacity standard compliance testing.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 61.1:

The following conditions shall be used to determine compliance with the opacity standards:

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1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

**Condition 62: Compliance with Standards and Maintenance Requirements
Effective between the dates of 12/04/2000 and 12/04/2005**

Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A

Item 62.1:

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

**Condition 63: Circumvention.
Effective between the dates of 12/04/2000 and 12/04/2005**

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 63.1:

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

**Condition 64: Monitoring requirements.
Effective between the dates of 12/04/2000 and 12/04/2005**

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 64.1:

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

**Condition 65: Modifications.
Effective between the dates of 12/04/2000 and 12/04/2005**

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Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 65.1:

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

Condition 66: Reconstruction

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 66.1:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 67: Recycling and Emissions Reduction

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable F40CFR 82, Subpart F

Item 67.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.



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- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

**Condition 68: Emission Point Definition By Emission Unit
Effective between the dates of 12/04/2000 and 12/04/2005**

Applicable Federal Requirement: 6NYCRR 201-6

Item 68.1:

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

Emission Unit: 1-EDGEN

Emission Point: 00003

Height (ft.): 13

Diameter (in.): 6

NYNYTME (km.): 602.505

Building: B003

Item 68.2:

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

Emission Unit: 1-FPDSL

Emission Point: 00004

Height (ft.): 18

Diameter (in.): 6

NYTMN (km.): 4720.038 NYTME (km.): 602.576

Building: B004

Item 68.3:

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

Emission Unit: 1-GTDBS



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Facility DEC ID: 4381400029

Emission Point: 00001
Height (ft.): 150
Diameter (in.): 138
NYTMN (km.): 4720.024
NYTME (km.): 602.533 Building: B001

Item 68.4:

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

Emission Unit: 1-HWBLR

Emission Point: 00005
Height (ft.): 40
Diameter (in.): 10
NYNYTME (km.): 602.543 Building: B001

Item 68.5:

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

Emission Unit: T-00110

Emission Point: 00002
Height (ft.): 40
Diameter (in.): 8
NYTMN (km.): 4719.954 NYTME (km.): 602.49 Building: B002

**Condition 69: Process Definition By Emission Unit
Effective between the dates of 12/04/2000 and 12/04/2005**

Applicable Federal Requirement: 6NYCRR 201-6

Item 69.1:

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

Emission Unit: 1-EDGEN

Process: DG1 Source Classification Code: 2-01-001-02
Process Description: EMERGENCY DIESEL GENERATOR ENGINE.

Emission Source/Control: EDGEN - Combustion
Design Capacity: 750 percent by volume

Item 69.2:

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

Emission Unit: 1-FPDSL

Process: FP1 Source Classification Code: 2-02-001-02

Process Description:

Firewater pump diesel engine. Total operating hours for the fire water pump diesel engine shall not exceed 104 hours per year. The fire water pump diesel engine shall fire No.2 fuel oil only.

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Emission Source/Control: FPDSL - Combustion

Design Capacity: 110 percent by volume

Item 69.3:

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

Emission Unit: 1-GTDBS

Process: BW1

Source Classification Code: 2-02-002-03

Process Description:

GAS TURBINE AND SUPPLEMENTAL DUCT BURNERS BOTH FIRING NATURAL GAS WHILE PERFORMING ON-LINE WATER WASHING. SCR USED FOR NOX CONTROL. ON-LINE GAS TURBINE WATER WASHING SHALL NOT EXCEED 500 HOURS 12 MONTH PERIOD.

Emission Source/Control: 000DB - Combustion

Design Capacity: 167 million Btu per hour

Emission Source/Control: 000GT - Combustion

Design Capacity: 655 million Btu per hour

Emission Source/Control:

00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.4:

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

Emission Unit: 1-GTDBS

Process: BW2

Source Classification Code: 2-02-001-01

Process Description:

GAS TURBINE AND SUPPLEMENTAL DUCT BURNERS BOTH FIRING NO. 2 FUEL OIL WHILE PERFORMING ON-LINE WATER WASHING. SCR USED FOR NOX CONTROL. ON-LINE GAS TURBINE WATER WASHING SHALL NOT EXCEED 500 HOURS PER 12 MONTH PERIOD. TOTAL NO. 2 FUEL OIL CONSUMPTION IN THE GAS TURBINE SHALL NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR AND TOTAL NO. 2 FUEL OIL CONSUMPTION IN THE DUCT BURNERS SHALL NOT EXCEED 1.24 X 10⁶ GALLONS PER YEAR, BOTH CALCULATED ON A DAILY ROLLING BASIS.

Emission Source/Control:

000DB - Combustion

Design Capacity: 167 million Btu per hour

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Emission Source/Control: 000GT - Combustion
Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.5:

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

Emission Unit: 1-GTDBS
Process: BW3

Source Classification Code: 2-02-001-01

Process Description:

GAS TURBINE FIRING NO. 2 FUEL OIL AND SUPPLEMENTAL DUCT BURNERS FIRING NATURAL GAS WHILE PERFORMING ON-LINE WATER WASHING. SCR USED FOR NOX CONTROL. ON-LINE GAS TURBINE WATER WASHING SHALL NOT EXCEED 500 HOURS PER 12 MONTH PERIOD. TOTAL NO. 2 FUEL OIL CONSUMPTION IN THE GAS TURBINE SHALL NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR, CALCULATED ON A DAILY ROLLING BASIS.

Emission Source/Control: 000DB - Combustion
Design Capacity: 167 million Btu per hour

Emission Source/Control: 000GT - Combustion
Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.6:

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

Emission Unit: 1-GTDBS
Process: G01

Source Classification Code: 2-02-002-03

Process Description:

GAS TURBINE FIRING NATURAL GAS WITHOUT SUPPLEMENTAL DUCT FIRING. SCR USED FOR NOX CONTROL.

Emission Source/Control: 000GT - Combustion
Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

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Item 69.7:

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

Emission Unit: 1-GTDBS

Process: G02

Source Classification Code: 2-02-001-03

Process Description:

GAS TURBINE FIRING NO. 2 FUEL OIL WITHOUT SUPPLEMENTAL DUCT BURNERS. TOTAL NO. 2 FUEL OIL FIRING IN THE GAS TURBINE SHALL NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR, CALCULATED ON A DAILY ROLLING BASIS.

Emission Source/Control: 000GT - Combustion

Design Capacity: 655 million Btu per hour

Emission Source/Control:

00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.8:

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

Emission Unit: 1-GTDBS

Process: GB1

Source Classification Code: 2-02-002-03

Process Description:

GAS TURBINE AND SUPPLEMENTAL DUCT BURNERS BOTH FIRING NATURAL GAS. SCR USED FOR NOX CONTROL.

Emission Source/Control:

000DB - Combustion

Design Capacity: 167 million Btu per hour

Emission Source/Control: 000GT - Combustion

Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control

Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.9:

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

Emission Unit: 1-GTDBS

Process: GB2

Source Classification Code: 2-02-001-03

Process Description:

GAS TURBINE AND SUPPLEMENTAL DUCT BURNERS BOTH FIRING NO. 2 FUEL OIL. SCR USED FOR NOX CONTROL. TOTAL NO. 2 FUEL OIL CONSUMPTION IN THE GAS TURBINE SHALL NOT

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EXCEED 8.14 X 10⁶ GALLONS PER YEAR AND
TOTAL NO. 2 FUEL OIL CONSUMPTION IN THE
DUCT BURNERS SHALL NOT EXCEED 1.24 X 10⁶
GALLONS PER YEAR, BOTH CALCULATED ON A
DAILY ROLLING BASIS.

Emission Source/Control: 000DB - Combustion
Design Capacity: 167 million Btu per hour

Emission Source/Control: 000GT - Combustion
Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.10:

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

Emission Unit: 1-GTDBS

Process: GB3 Source Classification Code: 2-02-001-03
Process Description:

GAS TURBINE FIRING NO. 2 FUEL OIL AND
SUPPLEMENTAL DUCT BURNERS FIRING NATURAL
GAS. SCR USED FOR NOX CONTROL. TOTAL NO. 2
FUEL OIL FIRING IN THE GAS TURBINE SHALL
NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR,
CALCULATED ON A DAILY ROLLING BASIS.

Emission Source/Control: 000DB - Combustion
Design Capacity: 167 million Btu per hour

Emission Source/Control: 000GT - Combustion
Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.11:

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

Emission Unit: 1-GTDBS
Process: GW1 Source Classification Code: 2-02-002-03

Process Description:

GAS TURBINE FIRING NATURAL GAS WHILE
PERFORMING ON-LINE WATER WASHING. NO
SUPPLEMENTAL DUCT BURNERS OPERATING. SCR
USED FOR NOX CONTROL. ON-LINE GAS TURBINE

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WATER WASHING SHALL NOT EXCEED 500 HOURS
PER 12 MONTH PERIOD.

Emission Source/Control: 000GT - Combustion
Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.12:

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

Emission Unit: 1-GTDBS

Process: GW2 Source Classification Code: 2-02-001-03
Process Description:
GAS TURBINE FIRING NO. 2 FUEL OIL WHILE
PERFORMING ON-LINE WATER WASHING.

Emission Source/Control: 000GT - Combustion
Design Capacity: 655 million Btu per hour

Emission Source/Control: 00SCR - Control
Control Type: SELECTIVE CATALYTIC REDUCTION (SCR)

Item 69.13:

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

Emission Unit: 1-HWBLR
Process: HB1 Source Classification Code: 1-02-006-03
Process Description:
NATURAL GAS OR PROPANE FIRED 2.1 MMBTU PER
HOUR HOT WATER BOILER USED FOR FREEZE
PROTECTION AND OIL PREHEATING.

Emission Source/Control: HWBLR - Combustion
Design Capacity: 2.1 million Btu per hour

Item 69.14:

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

Emission Unit: T-00110
Process: VT1 Source Classification Code: 2-02-001-01
Process Description: MAIN NO. 2 FUEL OIL TANK VENT.

Emission Source/Control: T0110 - Process
Design Capacity: 350 1000 gallons

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Facility DEC ID: 4381400029



Condition 70: Process Permissible Emissions
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 70.1:

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

Emission Unit: 1-GTDBS Process: BW1

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 40 parts per million by volume (dry, corrected to 15% O2)
56 pounds per hour

28,000 pounds per year

Emission Unit: 1-GTDBS Process: BW2

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 56 parts per million by volume (dry, corrected to 15% O2)
88 pounds per hour

44,000 pounds per year

Emission Unit: 1-GTDBS Process: BW3

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 56 parts per million by volume (dry, corrected to 15% O2)
88 pounds per hour

44,000 pounds per year

Emission Unit: 1-GTDBS Process: G01

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 13 parts per million by volume (dry, corrected to 15% O2)
28 pounds per hour

245,280 pounds per year

Emission Unit: 1-GTDBS Process: G02

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 24 parts per million by volume (dry, corrected to 15% O2)

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44 pounds per hour
81,048 pounds per year

Emission Unit: 1-GTDBS Process: GB1

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 20 parts per million by volume (dry, corrected to 15% O2)
28 pounds per hour
245,280 pounds per year

Emission Unit: 1-GTDBS Process: GB2

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 28 parts per million by volume (dry, corrected to 15% O2)
44 pounds per hour
81,048 pounds per year

Emission Unit: 1-GTDBS Process: GB3

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 28 parts per million by volume (dry, corrected to 15% O2)
44 pounds per hour
81,048 pounds per year

Emission Unit: 1-GTDBS Process: GW1

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 40 parts per million by volume (dry, corrected to 15% O2)
56 pounds per hour
28,000 pounds per year

Emission Unit: 1-GTDBS Process: GW2

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 56 parts per million by volume (dry, corrected to 15% O2)
88 pounds per hour
44,000 pounds per year

Emission Unit: 1-GTDBS Process: G01

CAS No: 0NY075-00-0

Name: PARTICULATES

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PTE(s): 3.6 pounds per hour
0.007 pounds per million Btus
31,536 pounds per year

Emission Unit: 1-GTDBS Process: G02

CAS No: 0NY075-00-0

Name: PARTICULATES

PTE(s): 22 pounds per hour
0.037 pounds per million Btus
42,069 pounds per year

Emission Unit: 1-EDGEN Process: DG1

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 30.3 pounds per hour
6.4 pounds per million Btus
6,060 pounds per year

Emission Unit: 1-FPDSL Process: FP1

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

4.3 pounds per hour
5.6 pounds per million Btus
447 pounds per year

Emission Unit: 1-GTDBS Process: BW1

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 9 parts per million by volume (dry, corrected to 15% O2)
26 pounds per hour
13,000 pounds per year

Emission Unit: 1-GTDBS Process: BW2

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 30 parts per million by volume (dry, corrected to 15% O2)
83 pounds per hour
41,500 pounds per year

Emission Unit: 1-GTDBS Process: BW3

CAS No: 0NY210-00-0

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Name: OXIDES OF NITROGEN

PTE(s): 30 parts per million by volume (dry, corrected to 15% O2)
83 pounds per hour
41,500 pounds per year

Emission Unit: 1-GTDBS Process: G01

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 9 parts per million by volume (dry, corrected to 15% O2)
26 pounds per hour
227,769 pounds per year

Emission Unit: 1-GTDBS Process: G02

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 30 parts per million by volume (dry, corrected to 15% O2)
83 pounds per hour
152,886 pounds per year

Emission Unit: 1-GTDBS Process: GB1

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 9 parts per million by volume (dry, corrected to 15% O2)
26 pounds per hour
227,760 pounds per year

Emission Unit: 1-GTDBS Process: GB2

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 30 parts per million by volume (dry, corrected to 15% O2)
83 pounds per hour
152,886 pounds per year

Emission Unit: 1-GTDBS Process: GB3

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 30 parts per million by volume (dry, corrected to 15% O2)
83 pounds per hour
152,886 pounds per year

Emission Unit: 1-GTDBS Process: GW1



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 9 parts per million by volume (dry, corrected to 15% O₂)

26 pounds per hour

13,000 pounds per year

Emission Unit: 1-GTDBS

Process: GW2

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 30 parts per million by volume (dry, corrected to 15% O₂)

83 pounds per hour

41,500 pounds per year

Emission Unit: 1-GTDBS

Process: G01

CAS No: 0NY998-00-0

Name: VOC

3.1 pounds per hour

0.006 pounds per million Btus

27,156 pounds per year

Emission Unit: 1-GTDBS

Process: G02

CAS No: 0NY998-00-0

Name: VOC

11 pounds per hour

0.018 pounds per million Btus

20,466 pounds per year

Condition 71: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-EDGEN Emission Point: 00003

Process: DG1

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 71.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE EMERGENCY DIESEL ENGINE IS LIMITED TO 104 HRS/YR OF OPERATION. FUEL USAGE AND HOURS OF OPERATION RECORDS MUST BE MAINTAINED TO DETERMINE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 104 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 72: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-EDGEN

Emission Point: 00003

Process: DG1

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 72.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NITROGEN OXIDE EMISSIONS FROM THE EMERGENCY DIESEL GENERATOR ARE LIMITED TO 17.2 LBS/HR AND 6.4 LBS/MMBTU.

Monitoring Frequency: UPON PERMIT RENEWAL

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 73: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 73.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00003

Process: DG1

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 73.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE EMERGENCY DIESEL GENERATOR IS
LIMITED TO 200 HOURS/YR OF OPERATION.
FUEL USAGE AND HOURS OF OPERATION RECORDS
MUST BE MAINTAINED TO DETERMINE
COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 200 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 74: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-1

Item 74.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00003

Process: DG1

Emission Source: EDGEN



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 75: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-FPDSL Emission Point: 00004

Process: FP1

Regulated Contaminant(s):

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

Item 75.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NITROGEN OXIDE EMISSIONS ARE LIMITED TO
5.6 LB/MMBTU AND 19.5 LBS/HR

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 76.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00004

Process: FP1

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 76.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE EMERGENCY FIRE WATER PUMP DIESEL ENGINE IS LIMITED TO 104 HRS/YR OF OPERATION. FUEL USAGE AND HOURS OF OPERATION RECORDS MUST BE MAINTAINED TO DETERMINE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 104 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 77: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 6NYCRR 227-1

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-FPDSL

Process: FP1

Emission Point: 00004

Emission Source: FPDSL

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 78: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Item 78.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 79: Fuel sampling.
Effective between the dates of 12/04/2000 and 12/04/2005

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

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Facility DEC ID: 4381400029



Item 79.1:

This Condition applies to Emission Unit: 1-GTDBS

Item 79.2:

Any stationary combustion installation described in section 6 NYCRR 227-1.2 of this Part, shall provide pertinent emissions data upon the commissioner's request.

Excess emissions report.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 80.1:

This Condition applies to Emission Unit: 1-GTDBS

Item 80.2:

Affected owners or operators shall submit an excess emissions report quarterly (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each calendar quarter (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Condition 81: Excess emissions report.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 81.1:

Emission Unit: 1-GTDBS

Item 81.2:

An excess emissions report and/or a summary report, for each pollutant monitored, shall be sent to the Administrator quarterly (or as required), in the form prescribed in Figure 1 of subdivision 60.7(d).

Condition 82: Facility files for subject sources.

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Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 82.1:

Condition applies to

Emission Unit: 1-GTDBS

Item 82.2:

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

Condition 83: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Regulated Contaminant(s):

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

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

COMBINED NOX EMISSIONS MONITORED AT
STACK PER ALTERNATIVE NOX MONITORING AND
REPORTING PROCEDURES.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 04/02/2001 for the period 12/04/2000 through 03/03/2001

Condition 84: Alternative sulfur dioxide monitoring method.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 84.1:

Air Pollution Control Permit Conditions

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Condition applies to

Emission Unit: 1-GTDBS

Item 84.2:

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

Condition 85: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 85.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Item 85.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 86: Standard for nitrogen oxides.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 86.1:

Emission Unit: 1-GTDBS

Item 86.2:

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

Where: STD = allowable nitrogen oxide emissions in percent by volume at 15% excess oxygen on a dry basis,



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Y = manufacture's rated heat rate at manufacture's rated load (kilojoules per watt hour) or the actual measured heat rate based on the lower heating value of the fuel as measured at actual peak load of the facility. The value of Y shall not exceed 14.4 kilojoules per watt hour,

F = nitrogen oxide emission allowance for fuel bound nitrogen:

Fuel bound nitrogen (% by weight) (NOx % by volume)

N <= 0.015	0
0.015 < N <= 0.1	0.04(N)
0.1 < N <= 0.25	0.004 + 0.0067(N-0.1)
N > 0.25	0.005

Condition 87: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 87.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

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

Item 87.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.8 percent by weight
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

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Condition 88: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.334(c)(3), NSPS Subpart GG

Item 88.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Item 88.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As stated in 40CFR60.332(f), stationary gas turbines using water or steam injection for control of NO_x emissions are exempt from 40CFR60.332(a) when ice fog is deemed a traffic hazard by the owner or operator of the gas turbine.

A quarterly written report that includes a record of each period during which this exemption was invoked shall be submitted to the Administrator. For each period, the ambient conditions existing during the period, the date and time the air pollution control system was deactivated, and the date and time the air pollution control system was reactivated shall be reported. All quarterly reports shall be postmarked by the 30th day following the end of each calendar quarter.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 89: Acceptable test methods
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 89.1:

Condition applies to

Emission Unit: 1-GTDBS



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Facility DEC ID: 4381400029

Item 89.2:

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

Condition 90: Nitrogen oxides emission rate calculation
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(1), NSPS Subpart GG

Item 90.1:

Condition applies to

Emission Unit: 1-GTDBS

Item 90.2:

The owner or operator shall determine compliance with the nitrogen oxide (NOx) standard using the following equation:

$$NO_x = (NO_{x0}) (Pr/Po)^{0.5} e^{19(Ho-0.00633)} (288 \text{ degrees K}/Ta)^{1.53}$$

Where:

NO_x = emission rate of NO_x at 15 % O₂ and ISO standard ambient conditions, volume percent.

NO_{x0}= observed NO_x concentration, ppm by volume.

Pr= reference combustor inlet absolute pressure at 101.3 kilopascals ambient pressure, mm Hg.

Po=observed combustor inlet absolute pressure at test, mm Hg.

Ho=observed humidity of ambient air, g H₂O/g air.

e= 2.718

Ta=ambient temperature, degrees K.

Condition 91: Requirement for analysis of Nitrogen and Sulfur in fuel
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 91.1:

Condition applies to

Emission Unit: 1-GTDBS

Item 91.2:

To meet the requirements 40 CFR 60.334(b), the owner or operator shall use methods specified in 40 CFR 335(a) and (d) to determine the nitrogen and sulfur content of fuels being burned. The analysis may be performed by the owner or operator, a service contractor, the fuel vendor, or any qualified agency.

Condition 92: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

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



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Item 92.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW1

Regulated Contaminant(s):

CAS No: ONY075-00-0

PARTICULATES

Item 92.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 04/02/2001 for the period 12/04/2000 through 03/03/2001

Condition 93: Exemption from NOx standard.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 93.1:

Emission Unit: 1-GTDBS

Process: BW1

Item 93.2:

Gas turbines using water or steam injection to control NOx are exempt from section 332.a when ice fog is deemed a traffic hazard.

Condition 94: Exemption from oxides of nitrogen monitoring requirements.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.48b(h), NSPS Subpart Db

Item 94.1:

This Condition applies to Emission Unit: 1-GTDBS

PrEmission Source: 000DB

Item 94.2:

Facilities subject to the oxides of nitrogen emission standard in paragraph 40 CFR 60-Db.44b(a)(4) are not required to install a CEM for to monitor oxides of nitrogen emissions.

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Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Condition 95: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 95.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW1

Emission Source: 000DB

Item 95.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected



New York State Department of Environmental Conservation

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Facility DEC ID: 4381400029

facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW1

Emission Source: 000DB

Item 96.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 97: Sulfur dioxide standard.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 97.1:

Emission Unit: 1-GTDBS

Process: BW2

Item 97.2:

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

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Where: Es = sulfur dioxide emission standard,

Ka = 1.2 lb/mmBtu,

Kb = 0.8 lb/mmBtu,

Ha = heat input coal mmBtu,

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

Condition 98: Sulfur dioxide standard compliance.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 98.1:

This Condition applies to Emission Unit: 1-GTDBS
Process: BW2

Item 98.2:

Sulfur dioxide limitations shall be met at all times including periods start up, shutdown, and malfunction.

Condition 99: Demonstration criteria for low sulfur oil.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 99.1:

Condition applies to Emission Unit: 1-GTDBS
Process: BW2

Item 99.2:

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

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

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

Condition 100: Opacity standard.
Effective between the dates of 12/04/2000 and 12/04/2005

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



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Condition applies to

Item 100.1:

Emission Unit: 1-GTDBS
Process: BW2

Item 100.2:

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

Condition 101: Particulate matter and opacity exemption.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 101.1:

Emission Unit: 1-GTDBS

Process: BW2

Item 101.2:

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Condition 102: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW2

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.



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

Condition 103: Opacity monitoring requirements.
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db

Item 103.1:

This Condition applies to Emission Unit: 1-GTDBS
Process: BW2

Item 103.2:

Facilities subject to section 40 CFR 60-Db.43b opacity standard must install, calibrate, maintain, operate, and record the data from a continuous opacity monitor.

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 104.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS
Process: BW2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 104.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 105: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005



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Facility DEC ID: 4381400029

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

Item 105.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 105.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Quarterly reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding quarter.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 106: Exemption from NOx standard.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 106.1:

This Condition applies to Emission Unit: 1-GTDBS

Process: BW2

Item 106.2:

Gas turbines using water or steam injection to control NOx are exempt from section 332.a when ice fog is deemed a traffic hazard.



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Condition 107: Methods for determining compliance with the sulfur content standard

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 107.1:

Condition applies to

Emission Unit: 1-GTDBS

Process: BW2

Item 107.2:

The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.335(b) as follows:

ASTM D 2880-71 for liquid fuels and ASTM 1072-80, D 3031-81, D 4084-82, or D 3246-81 for gaseous fuels.

Condition 108: Exemption from oxides of nitrogen monitoring requirements.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.48b(h), NSPS Subpart Db

Item 108.1:

Emission Unit: 1-GTDBS

Process: BW2

Emission Source: 000DB

Item 108.2:

Facilities subject to the oxides of nitrogen emission standard in paragraph 40 CFR 60-Db.44b(a)(4) are not required to install a CEM for to monitor oxides of nitrogen emissions.

Condition 109: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW2

Emission Source: 000DB

Item 109.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as

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provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 110: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW2

Emission Source: 000DB

Item 110.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 111: Exemption from NOx standard.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 111.1:

Emission Unit: 1-GTDBS

Process: BW3

Item 111.2:

Gas turbines using water or steam injection to control NOx are exempt from section 332.a when ice fog is deemed a traffic hazard.

Condition 112: Methods for determining compliance with the sulfur content standard

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 112.1:

This Condition applies to Emission Unit: 1-GTDBS

Process: BW3

Item 112.2:

The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.335(b) as follows:

ASTM D 2880-71 for liquid fuels and ASTM 1072-80, D 3031-81, D 4084-82, or D 3246-81 for gaseous fuels.

Condition 113: Exemption from oxides of nitrogen monitoring requirements.



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Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.48b(h), NSPS Subpart Db

Item 113.1:

This Condition applies to Emission Unit: 1-GTDBS
PrEmission Source: 000DB

Item 113.2:

Facilities subject to the oxides of nitrogen emission standard in paragraph 40 CFR 60-Db.44b(a)(4) are not required to install a CEM for to monitor oxides of nitrogen emissions.

Condition 114: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 114.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS
PrEmission Source: 000DB

Item 114.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g),

60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all



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fuels fired and based on each individual fuel fired,
and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 115: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 115.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: BW3

Emission Source: 000DB

Item 115.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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



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Condition 116: Exemption from NO_x standard.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 116.1:

Emission Unit: 1-GTDBS

Process: G01

Item 116.2:

Gas turbines using water or steam injection to control NO_x are exempt from section 332.a when ice fog is deemed a traffic hazard.

Condition 117: Exemption from NO_x standard.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 117.1:

This Condition applies to Emission Unit: 1-GTDBS

Process: G02

Item 117.2:

Gas turbines using water or steam injection to control NO_x are exempt from section 332.a when ice fog is deemed a traffic hazard.

Condition 118: Methods for determining compliance with the sulfur content standard
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 118.1:

Condition applies to

Emission Unit: 1-GTDBS

Process: G02

Item 118.2:

The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.335(b) as follows:

ASTM D 2880-71 for liquid fuels and ASTM 1072-80, D 3031-81, D 4084-82, or D 3246-81 for gaseous fuels.

Condition 119: Exemption from oxides of nitrogen monitoring requirements.
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.48b(h), NSPS Subpart Db



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Item 119.1:

This Condition applies to Emission Unit: 1-GTDBS
PrEmission Source: 000DB

Item 119.2:

Facilities subject to the oxides of nitrogen emission standard in paragraph 40 CFR 60-Db.44b(a)(4) are not required to install a CEM for to monitor oxides of nitrogen emissions.

Condition 120: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 120.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS
PrEmission Source: 000DB

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),
- (3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,
- (4) Notification that an emerging technology will be used

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for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: GB1

Emission Source: 000DB

Item 121.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 122: Sulfur dioxide standard.

Effective between the dates of 12/04/2000 and 12/04/2005

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

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Item 122.1:

Condition applies to

Emission Unit: 1-GTDBS
Process: GB2

Item 122.2:

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

Where: Es = sulfur dioxide emission standard,

Ka = 1.2 lb/mmBtu,

Kb = 0.8 lb/mmBtu,

Ha = heat input coal mmBtu,

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

Condition 123: Demonstration criteria for low sulfur oil.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 123.1:

Condition applies to

Emission Unit: 1-GTDBS
Process: GB2

Item 123.2:

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

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

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

Condition 124: Opacity standard.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 124.1:

Emission Unit: 1-GTDBS

Process: GB2

Item 124.2:



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

Condition 125: Particulate matter and opacity exemption.
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 125.1:

Condition applies to

Emission Unit: 1-GTDBS
Process: GB2

Item 125.2:

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS
Process: GB2

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as

described in §60.49b(r).

Monitoring Frequency: PER DELIVERY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 127: Opacity monitoring requirements.
Effective between the dates of 12/04/2000 and 12/04/2005



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Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db

Item 127.1:

This Condition applies to Emission Unit: 1-GTDBS
Process: GB2

Item 127.2:

Facilities subject to section 40 CFR 60-Db.43b opacity standard must install, calibrate, maintain, operate, and record the data from a continuous opacity monitor.

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS
Process: GB2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 128.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 129: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 129.1:

The Compliance Certification activity will be performed for:



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Emission Unit: 1-GTDBS

Process: GB2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 129.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Quarterly reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding quarter.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 130: Methods for determining compliance with the sulfur content standard

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 130.1:

Condition applies to

Emission Unit: 1-GTDBS

Process: GB2

Item 130.2:

The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.335(b) as follows:

ASTM D 2880-71 for liquid fuels and ASTM 1072-80, D 3031-81, D 4084-82, or D 3246-81 for gaseous fuels.

Condition 131: Exemption from oxides of nitrogen monitoring requirements.

Effective between the dates of 12/04/2000 and 12/04/2005

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Applicable Federal Requirement: 40CFR 60.48b(h), NSPS Subpart Db

Item 131.1:

This Condition applies to Emission Unit: 1-GTDBS
PrEmission Source: 000DB

Item 131.2:

Facilities subject to the oxides of nitrogen emission standard in paragraph 40 CFR 60-D.44b(a)(4) are not required to install a CEM for to monitor oxides of nitrogen emissions.

Condition 132: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS
PrEmission Source: 000DB

Item 132.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g),

60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired,

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and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 133.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: GB2

Emission Source: 000DB

Item 133.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 134: Methods for determining compliance with the sulfur content



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standard

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 134.1:

This Condition applies to Emission Unit: 1-GTDBS
Process: GB3

Item 134.2:

The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.335(b) as follows:

ASTM D 2880-71 for liquid fuels and ASTM 1072-80, D 3031-81, D 4084-82, or D 3246-81 for gaseous fuels.

Condition 135: Exemption from oxides of nitrogen monitoring requirements.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.48b(h), NSPS Subpart Db

Item 135.1:

Condition applies to

Emission Unit: 1-GTDBS
Process: GB3 Emission Source: 000DB

Item 135.2:

Facilities subject to the oxides of nitrogen emission standard in paragraph 40 CFR 60-Db.44b(a)(4) are not required to install a CEM for to monitor oxides of nitrogen emissions.

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS
Process: GB3 Emission Source: 000DB

Item 136.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall submit notification of the date of initial startup, as provided by 40 CFR Part 60.7. This notification shall

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include:

(1) The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility,

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR Part 60.42b(d)(1), 60.43b(a)(2), (a)(3)(iii), (c)(2)(ii), (d)(2)(iii), 60.44b(c), (d), (e), (i), (j), (k), 60.45b(d), (g), 60.46b(h), or 60.48b(i),

(3) The annual capacity factor at which the owner or operator anticipates operating the facility based on all fuels fired and based on each individual fuel fired, and,

(4) Notification that an emerging technology will be used for controlling emissions of sulfur dioxide. The Administrator will examine the description of the emerging technology and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR Part 60.42b(a) unless and until this determination is made by the Administrator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 137.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Process: GB3

Emission Source: 000DB

Item 137.2:

Compliance Certification shall include the following monitoring:



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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 138: Exemption from NOx standard.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 138.1:

Condition applies to

Emission Unit: 1-GTDBS

Process: GW1

Item 138.2:

Gas turbines using water or steam injection to control NOx are exempt from section 332.a when ice fog is deemed a traffic hazard.

Condition 139: Sulfur dioxide standard compliance.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 139.1:

Emission Unit: 1-GTDBS

Process: GW2

Item 139.2:

Sulfur dioxide limitations shall be met at all times including periods start up, shutdown, and malfunction.

Condition 140: Exemption from NOx standard.

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 140.1:



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Emission Unit: 1-GTDBS

Process: GW2

Item 140.2:

Gas turbines using water or steam injection to control NOx are exempt from section 332.a when ice fog is deemed a traffic hazard.

Condition 141: Methods for determining compliance with the sulfur content standard

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 141.1:

This Condition applies to Emission Unit: 1-GTDBS

Process: GW2

Item 141.2:

The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.335(b) as follows:

ASTM D 2880-71 for liquid fuels and ASTM 1072-80, D 3031-81, D 4084-82, or D 3246-81 for gaseous fuels.

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 142.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Item 142.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- 1) Magnitude, date, and time of each exceedence;
- 2) For each period of excess emissions, specific identification of the cause and corrective action

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taken;

3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;

4) Total time the COMS is required to record data during the reporting period;

5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and

6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

Monitoring Frequency: QUARTERLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 143: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 143.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Item 143.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FUEL IS MONITORED PER CUSTOM FUEL
MONITORING SCHEDULE APPROVED DECEMBER 17,
1993.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 07/03/2001 for the period 12/04/2000 through 06/03/2001



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Condition 144: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applic:6NYCRR 227-2.6(b)(4)(iv)

Item 144.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Item 144.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

QUARTERLY REPORT CONTENTS AS REQUIRED BY
NSPS REQUIREMENTS, CUSTOM FUEL MONITORING
SCHEDULE AND ALTERNATIVE NOX MONITORING
AND REPORTING PROCEDURES.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: QUARTERLY (ANNIVERSARY)

Initial Report Due: 04/02/2001 for the period 12/04/2000 through 03/03/2001

Condition 145: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 145.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Regulated Contaminant(s):

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

Item 145.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE TOTAL GTDBS HEAT INPUT SHALL NOT
EXCEED 780 MMBTU/HR (BASED ON HHV).

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Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NATURAL GAS
Upper Permit Limit: 780 million Btu per hour
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 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 146.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 146.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE DUCT BURNER SHALL ONLY FIRE NATURAL GAS OR NO. 2 FUEL OIL. MONITORING OF SO2 SHALL BE IN ACCORDANCE WITH THE APPROVED CUSTOM FUEL MONITORING PLAN AND ON A PER DELIVERY BASIS FOR FUEL OIL.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 147: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



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Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 147.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 147.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continous mass emission rate of CO from 1-GTDBS must be monitored. Excess emissions must be reported quarterly.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 148: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable CFR 52.21, Subpart A

Item 148.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Regulated Contaminant(s):

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

Item 148.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continous mass emission rate of NO_x from 1-GTDBS must be monitored. Excess emissions must be reported quarterly.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 149.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 149.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continuous emissions monitor must be used to monitor CO emissions from 1_GTDBS. Excess emissions must be reported quarterly.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 150: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 150.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

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

Item 150.2:

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Facility DEC ID: 4381400029



Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE GAS TURBINE SHALL NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 8.14E06 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 151.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 151.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE DUCT BURNERS SHALL NOT EXCEED 1.24 X 10⁶ GALLONS PER YEAR CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT



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Process Material: NUMBER 2 OIL
Upper Permit Limit: 1.24E06 gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 152: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 152.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 152.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

ON LINE GAS TURBINE WATER WASHING (EMISSION PROCESSES GW1, GW2, BW1, BW2, AND BW3) SHALL CUMULATIVE NOT EXCEED 500 HOURS PER 12 MONTH PERIOD. RECORDS MUST BE MAINTAINED WHICH CLEARLY SHOW THE TIME THAT WATER WASHING TOOK PLACE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: WATER

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification



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Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(a), NSPS Subpart Db

Item 153.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Regulated Contaminant(s):

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

Item 153.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

COMBINED NOX EMISSIONS MONITORED AT
STACK PER ALTERNATIVE NOX MONITORING AND

REPORTING PROCEDURES.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 154: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.49b(h)(2), NSPS Subpart Db

Item 154.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Regulated Contaminant(s):

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

Item 154.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

COMBINED NOX EMISSIONS ARE REPORTED
QUARTERLY AS DESCRIBED IN ALTERNATIVE NOX

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MONITORING AND REPORTING PROCEDURES.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 155: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.49b(h)(4), NSPS Subpart Db

Item 155.1:
The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

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

Item 155.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EXCESS NOX EMISSIONS DETERMINED BY
MONITORING COMBINED STACK EXHAUST AS
DESCRIBED IN ALTERNATIVE NOX MONITORING
AND REPORTING PROCEDURES.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 156: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 156.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

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Item 156.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FUEL MONITORING PERFORMED IN ACCORDANCE
WITH CUSTOM FUEL MONITORING SCHEDULE.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 157: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 157.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Regulated Contaminant(s):

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

Item 157.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EXCESS NOX EMISSIONS ARE DETERMINED
DIRECTLY USING CEM DATA AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 158: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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



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Item 158.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Regulated Contaminant(s):

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

Item 158.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The computation of nitrogen oxides emissions determined by fuel bound nitrogen is required by this regulation however, this facility is exempt as per the facility's custom fuel monitoring schedule.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 159: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 159.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 159.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX FROM 1GTDBS MUST BE MONITORED. EXCESS



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Facility DEC ID: 4381400029

EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C

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 1/30/2001.

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

Condition 160: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 160.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: BW1

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 160.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH3
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 10.7 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Applicable 40CFR 52.21, Subpart A

Item 161.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW1

Regulated Contaminant(s):

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

Item 161.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions of
shall not exceed the limits herein while firing natural
gas in the gas turbine and supplemental duct burners

while, performing washing.

Manufacturer Name/Model Number: ROSEMOUNT 951C

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 1/30/2001.

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

Condition 162: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 162.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Item 162.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 163: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 163.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: BW1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 163.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

ON LINE GAS TURBINE WATER WASHING SHALL
NOT EXCEED 500 HOURS PER 12 MONTH
PERIOD.

Work Practice Type: PROCESS MATERIAL THRUPUT



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Process Material: WATER
Upper Permit Limit: 500 hours
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 164.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW1

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 164.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

RECORDS OF ON-LINE GAS TURBINE WATER
WASHING MUST BE MAINTAINED WHICH CLERALLY
SHOW THE TIME THAT WATER WASHING TOOK
PLACE.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 165: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 165.1:

The Compliance Certification activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 165.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 166: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 166.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: BW1

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 166.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Description:

Continous emission monitoring is required. Emissions of shall not exceed the limits herein while firing natural gas in the gas turbine and supplemental duct burners while, performing washing.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 40 parts per million by volume (dry, corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 167.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW1

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 167.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST BE DEMONSTRATED DURING INITIAL PERFORMANCE TESTING.

Upper Permit Limit: 3.33 pounds per hour

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 168: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 168.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 168.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring of NO_x is required. Excess emissions must be reported quarterly.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.025 pounds per million Btus

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 169.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW1

Emission Source: 000DB



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 169.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this emission limit during initial startup.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.015 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 170: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 170.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 170.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED TO MONITOR CO FROM 1GTDBS. EXCESS EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 0.080 pounds per million Btus

Reference Test Method: 40 CFR 60 APP B & F



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 171: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 171.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 171.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION

LIMIT MUST BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 2.4 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 172: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 172.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Process: BW1

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 172.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the non-methane hydrocarbon emission limit was demonstrated using the manufacture's specifications during initial permitting of the project.

Upper Permit Limit: 0.020 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 173: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 173.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 173.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED USING STACK CEM DATA AS DESCRIBED IN ALTERNATIVE NOX MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: 40 CFR 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 174: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(c), NSPS Subpart Db

Item 174.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW1 Emission Source: 000DB

Regulated Contaminant(s):

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

Item 174.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 175: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(f), NSPS Subpart Db

Item 175.1:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 175.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 176.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Regulated Contaminant(s):

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

Item 176.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL PERFORMANCE TESTING CONDUCTED ON
COMBINED EMISSIONS AT STACK PER



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES. DATA SUBMITTED IN MAY 1994.

Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 177: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 177.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW1 Emission Source: 000DB

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

Item 177.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
PERFORMANCE TESTS CONDUCTED ON COMBINED
EXHAUST AT STACK. COMPLIANCE DETERMINED
AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 178.1:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 178.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX MONITORED PER ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES. SCR
USE PRECLUDES RECORDING EXCLUSIVE DUCT
BURNER EMISSIONS.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 0.025 pounds per million Btus
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 179: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 179.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW1 Emission Source: 000GT

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 179.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE.

Upper Permit Limit: 3.6 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 180: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 180.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 180.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this non-methane VOC emission
limit during initial startup.

Parameter Monitored: VOC

Upper Permit Limit: 0.006 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 181: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 181.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 181.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description: CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR CO FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Upper Permit Limit: 13 parts per million by volume (dry,
corrected to 15% O₂)
Reference Test Method: 40 CFR 60 APP B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 12 calendar month(s).

Condition 182: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 182.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW1 Emission Source: 000GT

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

Item 182.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine and supplemental duct burners while performing washing.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9 parts per million by volume (dry, corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 183.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW1

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: ONY998-00-0

VOC

Item 183.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST BE DEMONSTRATED DURING INITIAL PERFORMANCE TESTING AND UPON PERMIT RENEWAL.

Upper Permit Limit: 3.1 pounds per hour



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reference Test Method: EPA METHOD 25
Monitoring Frequency: UPON PERMIT RENEWAL
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 184: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 184.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PreEmission Source: 000GT

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 184.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this PM emission limit during
initial startup.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.007 pounds per million Btus
Reference Test Method: EPA METHOD 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 185: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 185.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW1 Emission Source: 000GT

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 185.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 186: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 186.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW1

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 186.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 187: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 187.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW2

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 187.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

RECORDS OF ON-LINE GAS TURBINE WATER
WASHING MUST BE MAINTAINED WHICH CLERALLY
SHOW THE TIME THAT WATER WASHING TOOK
PLACE.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 188: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 188.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: BW2

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 188.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE DUCT BURNERS SHALL NOT EXCEED 1.24 X 10⁶ GALLONS PER YEAR, CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 1.24E06 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 189.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 189.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

ON-LINE GAS TURBINE WATER WASHING SHALL NOT EXCEED 500 HOURS PER 12 MONTH PERIOD.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: WATER
Upper Permit Limit: 500 hours
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 190.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW2

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

Item 190.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX FROM 1GTDBS MUST BE MONITORED. EXCESS EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 83 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Condition 191: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 191.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW2

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 191.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 88 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 1/30/2001.

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

Condition 192: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 192.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: BW2

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

CAS No: 007664-41-7 AMMONIA

Item 192.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 193.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW2

Regulated Contaminant(s):

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

Item 193.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NOX FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMONT 951C



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 194: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 194.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW2

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 194.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE GAS
TURBINE SHALL NOT EXCEED 8.14 X 10⁶
GALLONS PER YEAR, CALCULATED ON A DAILY
ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 8.14E06 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 195: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 195.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW2

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 195.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and supplemental duct burners while performing washing.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 56 parts per million by volume (dry, corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 196.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW2

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 196.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH3
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3.1 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 197: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 197.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 197.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 7.6 pounds per hour



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 198.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW2 Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 198.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.050 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 199.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW2 Emission Source: 000DB

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 199.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 7.6 pounds per hour
Reference Test Method: EPA METHOD 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 200.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW2 Emission Source: 000DB

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

Item 200.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CONTINUOUS EMISSION RATE OF NOX FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 0.073 pounds per million Btus



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 201: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 201.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 201.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Upper Permit Limit: 0.10 pounds per million Btus
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 202: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 202.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 202.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.050 pounds per million Btus
Reference Test Method: EPA METHOD 25
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 203: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 203.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW2 Emission Source: 000DB

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

Item 203.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
COMPLIANCE WITH NOX STANDARD DETERMINED
USING STACK CEM DATA AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 0.073 pounds per million Btus

Reference Test Method: 40 CFR 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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(b), NSPS Subpart Db

Item 204.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Item 204.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE MATTER

STANDARD (OPACITY) DETERMINED BY TESTING

COMBINED STACK EXHAUST.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(c), NSPS Subpart Db

Item 205.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

EmisEmission Point: 00001

Process: BW2

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 205.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Upper Permit Limit: 0.073 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 206: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 206.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW2

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 206.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE TESTS CONDUCTED ON COMBINED
EXHAUST AT STACK. COMPLIANCE DETERMINED
AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



EmisEmission Point: 00001

Process: BW2

Emission Source: 000DB

Item 208.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL OPACITY PERFORMANCE TESTING
CONDUCTED ON COMBINED EMISSIONS AT STACK
PER APPROVED TESTING PROTOCOL. DATA

SUBMITTED IN MAY 1994.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 209: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 209.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW2

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: ONY210-00-0

OXIDES OF NITROGEN

Item 209.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL PERFORMANCE TESTING CONDUCTED ON
COMBINED EMISSIONS AT STACK PER
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES. DATA SUBMITTED IN MAY 1994.

Upper Permit Limit: 0.073 pounds per million Btus

Reference Test Method: EPA METHOD 20



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 210.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Regulated Contaminant(s):

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

Item 210.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX MONITORED PER ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES. SCR
USE PRECLUDES RECORDING EXCLUSIVE DUCT
BURNER EMISSIONS.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 0.073 pounds per million Btus

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 1/30/2001.

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

Condition 211: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.49b(h)(3), NSPS Subpart Db

Item 211.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

PrEmission Source: 000DB

Item 211.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

EXCESS OPACITY EMISSIONS DETERMINED BY
MEASURED COMBINED EMISSIONS AT STACK.

Manufacturer Name/Model Number: United Sciences 500C

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 APP B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 212: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 212.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 212.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

DEMONSTRATE COMPLIANCE WITH THIS
EMISSION LIMIT DURING INITIAL STARTUP AND
UPON PERMIT RENEWAL.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.037 pounds per million Btus

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Reference Test Method: EPA METHOD 5
Monitoring Frequency: UPON PERMIT RENEWAL
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 213.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW2 Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 213.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING AND UPON PERMIT
RENEWAL.

Upper Permit Limit: 11.0 pounds per hour
Reference Test Method: EPA METHOD 25
Monitoring Frequency: UPON PERMIT RENEWAL
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 214: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 214.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: 000GT

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 214.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 22.0 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 215: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 215.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 215.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this non-methane VOC emission
limit during initial startup.

Parameter Monitored: VOC

Upper Permit Limit: 0.018 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: UPON PERMIT RENEWAL



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 216: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 216.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 216.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 217: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 217.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW2

Emission Source: 000GT

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 217.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 218: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 218.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: BW3

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 218.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

RECORDS OF ON-LINE GAS TURBINE WATER
WASHING MUST BE MAINTAINED WHICH CLERALLY
SHOW THE TIME THAT WATER WASHING TOOK
PLACE.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 219.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW3

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

Item 219.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 83 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 220: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 220.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Process: BW3

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 220.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH3 FROM 1GTDBS MUST BE MONITORED. EXCESS EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3.1 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 221: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 221.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW3

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 221.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF CO FROM 1GTDBS MUST BE MONITORED. EXCESS EMISSIONS MUST BE REPORTED QUARTERLY.



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Upper Permit Limit: 88 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 222: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 222.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW3

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 222.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E
Upper Permit Limit: 3 parts per million by volume (dry,
corrected to 15% O2)
Reference Test Method: NONE
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005



Applicable 40CFR 52.21, Subpart A

Item 223.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW3

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 223.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

ON-LINE GAS TURBINE WATER WASHING SHALL
NOT EXCEED 500 HOURS PER 12 MONTH
PERIOD.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: WATER

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 224: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 224.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW3

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 224.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions of shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and natural gas in the supplemental duct burners while performing washing.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30.0 parts per million by volume

(dry, corrected to 15% O₂)

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 1/30/2001.

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

Condition 225: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 225.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: BW3

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 225.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions of shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and natural gas in the supplemental duct burners while performing washing.

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 56 parts per million by volume (dry,
corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 226: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 226.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: BW3

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 226.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS
Monitoring Description:
TOTAL NO. 2 FUEL OIL FIRING IN THE GAS
TURBINE SHALL NOT EXCEED 8.14 X 10⁶
GALLONS PER YEAR, CALCULATED ON A DAILY
ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THROUGHPUT
Process Material: NUMBER 2 OIL
Upper Permit Limit: 8.14E06 gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 227.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY075-00-0

PARTICULATES

Item 227.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this emission limit during
initial startup.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.015 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 228: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 228.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: PrEmission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 228.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the non-methane hydrocarbon emission limit was demonstrated using the manufacture's specifications during initial startup.

Upper Permit Limit: 0.020 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 229: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 229.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 229.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED TO MONITOR CO FROM 1GTDBS. EXCESS EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 0.080 pounds per million Btus

Reference Test Method: 40 CFR 60 APP B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 230.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: BW3 Emission Source: 000DB

Regulated Contaminant(s):

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

Item 230.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
 Continuous emission monitoring of NO_x is required. Excess emissions must be reported quarterly.

Manufacturer Name/Model Number: ROSEMOUNT 951E
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.025 pounds per million Btus
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 231: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 231.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Process: BW3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 231.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
USING STACK CEM DATA AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: 40 CFR 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 1/30/2001.

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

Condition 232: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(c), NSPS Subpart Db

Item 232.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 232.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

ALTERNATIVE NOX MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 233: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 233.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 233.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE TESTS CONDUCTED ON COMBINED EXHAUST AT STACK. COMPLIANCE DETERMINED AS DESCRIBED IN ALTERNATIVE NOX MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 234: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(f), NSPS Subpart Db

Item 234.1:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW3

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 234.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 235.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Regulated Contaminant(s):

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

Item 235.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL PERFORMANCE TESTING CONDUCTED ON



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

COMBINED EMISSIONS AT STACK PER
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES. DATA SUBMITTED IN MAY 1994.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 236: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 236.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW3

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 236.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX MONITORED PER ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 0.025 pounds per million Btus

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 237.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 237.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this non-methane VOC emission limit during initial startup.

Parameter Monitored: VOC

Upper Permit Limit: 0.018 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 238.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 238.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Description:

Continuous emission monitoring is required. Emissions of shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and natural gas in the supplemental duct burners while performing washing.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O₂)

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 1/30/2001.

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

Condition 239: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 239.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PreEmission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 239.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 11.0 pounds per hour

Reference Test Method: EPA METHOD 25

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 240.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0

PARTICULATES

Item 240.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 22.0 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 241.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 241.2:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR CO FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 24 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 242: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 242.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: BW3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 242.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.037 pounds per million Btus

Reference Test Method: EPA METHOD 5



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 243: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 243.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: BW3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 243.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 244: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 244.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

EmisEmission Point: 00001

Process: BW3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 244.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 245: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 245.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: G01

Regulated Contaminant(s):

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

Item 245.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING REQUIREMENTS.

Manufacturer Name/Model Number: ROSEMOUNT 951C



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 246.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: G01

Regulated Contaminant(s):

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

Item 246.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine with no supplemental firing of the duct burners.

Manufacturer Name/Model Number: ROSEMOUNT 951C

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 1/30/2001.

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

Condition 247: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 247.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: G01

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 247.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH3
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 10.7 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 248: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 248.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: G01

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 248.2:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Compliance Certification shall include the following monitoring:

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

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 249: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 249.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: G01

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 249.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine with no supplemental firing of the duct burners.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 28 pounds per hour



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 250.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: G01

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 250.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine with no supplemental firing of the duct burners.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 13 parts per million by volume (dry, corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 251: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



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

Item 251.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: G01

Regulated Contaminant(s):

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

Item 251.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING REQUIREMENTS.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 252: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 252.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: G01

Regulated Contaminant(s):

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

Item 252.2:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 253: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 253.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PreEmission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 253.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.006 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 254: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005



Applicab40CFR 52.21, Subpart A

Item 254.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

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

Item 254.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 3.1 pounds per hour
Reference Test Method: EPA METHOD 25
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 255: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 255.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 255.2:

Compliance Certification shall include the following monitoring:

Capping: Yes



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PM EMISSION LIMIT MUST BE DEMONSTRATED DURING INITIAL PERFORMANCE TESTING.

Upper Permit Limit: .007 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 256: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 256.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PreEmission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 256.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION LIMIT MUST BE DEMONSTRATED DURING INITIAL PERFORMANCE TESTING.

Upper Permit Limit: 3.6 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 257: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Applicab40CFR 52.21, Subpart A

Item 257.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

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

Item 257.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING REQUIREMENTS.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 258: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 258.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: G01 Emission Source: 000GT

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 258.2:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR CO FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 13 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 259: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 259.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: G02

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 259.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING, IN THE GAS
TURBINE, SHALL NOT EXCEED 8.14 X 10⁶
GALLONS PER YEAR, CALCULATED ON A DAILY
ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Process Material: NUMBER 2 OIL
Upper Permit Limit: 8.14E06 gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 260: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 260.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: G02

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 260.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 83 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 1/30/2001.

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

Condition 261: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 261.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: G02

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 261.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 44 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 1/30/2001.

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

Condition 262: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 262.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: G02

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 262.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 263: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 263.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: G02

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 263.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions
shall not exceed the limits herein while firing #2 fuel
oil in the gas turbine with no supplemental firing of the
duct burners.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 28.0 parts per million by volume
(dry, corrected to 15% O2)

Reference Test Method: 40 CFR 60 APP B & F



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 264: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 264.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: G02

Regulated Contaminant(s):

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

Item 264.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine with no supplemental firing of the duct burners.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 265.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: G02

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 265.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH₃
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3.1 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 266: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 266.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 266.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 11.0 pounds per hour

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 267: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 267.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: G02

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 267.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 0.018 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 268: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 268.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: G02

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: ONY075-00-0

PARTICULATES

Item 268.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 22.0 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 269.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: G02

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: ONY075-00-0

PARTICULATES

Item 269.2:

Compliance Certification shall include the following monitoring:

Capping: Yes



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.037 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 270: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 270.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PreEmission Source: 000GT

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 270.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine with no supplemental firing of the duct burners.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 24.0 parts per million by volume

(dry, corrected to 15% O₂)

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.



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 271: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 271.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: G02

Emission Source: 000GT

Regulated Contaminant(s):

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

Item 271.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine with no supplemental firing of the duct burners.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 272.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

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

Item 272.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEMS AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 273: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 273.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: G02 Emission Source: 000GT

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

Item 273.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



DIRECTLY WITH CEM.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 274.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB1

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 274.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH₃
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 10.7 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 275: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Item 275.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GB1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 275.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CONTINUOUS MASS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Upper Permit Limit: 28 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 276.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GB1

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 276.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 13 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 277: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 277.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB1

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 277.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH₃ FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 278: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 278.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB1

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 278.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine and the supplemental duct burners firing natural gas.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 20.0 parts per million by volume
(dry, corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 279.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB1

Regulated Contaminant(s):

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

Item 279.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine and the supplemental duct burners firing natural gas.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 9.0 parts per million by volume

(dry, corrected to 15% O2)

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 1/30/2001.

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

Condition 280: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 280.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GB1

Regulated Contaminant(s):

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

Item 280.2:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 281.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB1

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 281.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 0.080 pounds per million Btus

Reference Test Method: 40 CFR 60 APP B & F

Monitoring Frequency: CONTINUOUS



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 282: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 282.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 282.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 3.33 pounds per hour
Reference Test Method: EPA METHOD 25
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 283: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 283.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 283.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 0.020 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 284: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 284.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB1

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 284.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 2.4 pounds per hour

Reference Test Method: EPA METHOD 5



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 285: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 285.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB1

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 285.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION

LIMIT MUST BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 0.015 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 286: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 286.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB1

Emission Source: 000DB

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

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

Item 286.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
USING STACK CEM DATA AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Manufacturer Name/Model Number: ROSEMONT 951C

Upper Permit Limit: 0.025 pounds per million Btus

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(c), NSPS Subpart Db

Item 287.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Regulated Contaminant(s):

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

Item 287.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 288.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 288.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE TESTS CONDUCTED ON COMBINED
EXHAUST AT STACK. COMPLIANCE DETERMINED
AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 289: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(f), NSPS Subpart Db

Item 289.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB1

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 289.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 290.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Regulated Contaminant(s):

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

Item 290.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL PERFORMANCE TESTING CONDUCTED ON
COMBINED EMISSIONS AT STACK PER
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES. DATA SUBMITTED IN MAY 1994

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 291.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 291.2:

Compliance Certification shall include the following monitoring:

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

NOX MONITORED PER ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: 40 CFR 60 APP B & F
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 292: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 292.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GB1 Emission Source: 000GT



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 294.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB1

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0

PARTICULATES

Item 294.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 3.6 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 295.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB1

Emission Source: 000GT



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 295.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.006 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 296: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 296.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB1

Emission Source: 000GT

Regulated Contaminant(s):

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

Item 296.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 APP B & F



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 297: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 297.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GB1 Emission Source: 000GT

Regulated Contaminant(s):

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

Item 297.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM. FUEL CONSUMPTION AND
WATER/FUEL RATIO WERE NOT DETERMINED
DURING INITIAL PERFORMANCE TESTING AS
THEY ARE UNRELATED TO NOX EMISSION RATE.

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 298: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 298.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

EmisEmission Point: 00001

Process: GB2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 298.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE GAS TURBINE SHALL NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR, CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 8.14E06 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 299: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 299.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 299.2:

Compliance Certification shall include the following monitoring:

Capping: Yes



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE DUCT BURNERS SHALL NOT EXCEED 1.24×10^6 GALLONS PER YEAR, CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: $1.24E06$ gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 300: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 300.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GB2

Regulated Contaminant(s):

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

Item 300.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX FROM 1GTDBS MUST BE MONITORED. EXCESS EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 83 pounds per hour

Reference Test Method: 40 CFR 60 APP B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 301: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 301.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GB2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 301.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CONTINUOUS MASS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Upper Permit Limit: 44 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 302.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GB2

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 302.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 303.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 303.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

TO MONITOR CO FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Upper Permit Limit: 28 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 304.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB2

Regulated Contaminant(s):

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

Item 304.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners firing #2 fuel oil.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: 40 CFR 60 APP B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 305.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GB2

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 305.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners firing #2 fuel oil.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 28 parts per million by volume (dry, corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 306: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 306.1:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 306.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH3
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3.1 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 307: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 307.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 307.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.050 pounds per million Btus
Reference Test Method: EPA METHOD 25
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 308: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 308.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 308.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.050 pounds per million Btus
Reference Test Method: EPA METHOD 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 309: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 309.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 309.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION RATE OF NOX FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 0.073 pounds per million Btus
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 310: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 310.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GB2 Emission Source: 000DB

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 310.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 0.10 pounds per million Btus

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 1/30/2001.

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

Condition 311: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 311.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB2

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 311.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
USING STACK CEM DATA AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 0.073 pounds per million Btus

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.



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

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

Item 313.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE TESTS CONDUCTED ON COMBINED EXHAUST AT STACK. COMPLIANCE DETERMINED AS DESCRIBED IN ALTERNATIVE NOX MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.073 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 314: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(f), NSPS Subpart Db

Item 314.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB2 Emission Source: 000DB

Regulated Contaminant(s):

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

Item 314.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED IN INITIAL PERFORMANCE TESTS BY MEASURING COMBINED STACK EMISSIONS AS DESCRIBED IN ALTERNATIVE NOX MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.073 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 315: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 315.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 315.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL PERFORMANCE TESTING CONDUCTED ON
COMBINED EMISSIONS AT STACK PER
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES. DATA SUBMITTED IN MAY 1994.

Upper Permit Limit: 0.073 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 316.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Item 316.2:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL OPACITY PERFORMANCE TESTING
CONDUCTED ON COMBINED EMISSIONS AT STACK
PER APPROVED TESTING PROTOCOL. DATA
SUBMITTED IN MAY 1994.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA METHOD 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 317: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 317.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 317.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE TESTS CONDUCTED ON COMBINED
EXHAUST AT STACK. COMPLIANCE DETERMINED
AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 318: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 318.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Emission Source: 000DB

Regulated Contaminant(s):

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

Item 318.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX MONITORED PER ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 0.073 pounds per million Btus

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.49b(h)(3), NSPS Subpart Db

Item 319.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000DB

Item 319.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

EXCESS OPACITY EMISSIONS DETERMINED BY
MEASURED COMBINED EMISSIONS AT STACK.

Manufacturer Name/Model Number: UNITED SCIENCES 500C

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 APP B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 320.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 320.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Parameter Monitored: VOC

Upper Permit Limit: 0.018 pounds per million Btus

Reference Test Method: METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 321: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 321.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 321.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 11.0 pounds per hour

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 322: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 322.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 322.2:

Compliance Certification shall include the following monitoring:

Monitoring Description: Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.037 pounds per million Btus
Reference Test Method: METHOD 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 323: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 323.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 323.2:

Compliance Certification shall include the following monitoring:

Monitoring Description: Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 22.0 pounds per hour
Reference Test Method: EPA METHOD 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 324: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 324.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 324.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners firing #2 fuel oil.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 24.0 parts per million by volume
(dry, corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 325: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 325.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Emission Unit: 1-GTDBS

Process: GB2

Emission Point: 00001

Emission Source: 000GT

Regulated Contaminant(s):

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

Item 325.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners

firing #2 fuel oil.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30 parts per million by volume (dry, corrected to 15% O₂)

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 1/30/2001.

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

Condition 326: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 326.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 326.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Condition 327: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 327.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB2

Emission Source: 000GT

Regulated Contaminant(s):

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

Item 327.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 328.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB3

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 328.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE GAS TURBINE SHALL NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR, CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 8.14E06 gallons per year

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 329: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 329.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB3

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

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

Item 329.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NO_x
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPROTED QUARTERLY

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 83 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 1/30/2001.

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

Condition 330: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 330.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB3

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 330.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH₃ FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3.1 pounds per hour



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reference Test Method: NONE
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 331: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 331.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB3

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 331.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 332: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 332.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB3

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 332.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPROTED QUARTERLY

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 44 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 1/30/2001.

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

Condition 333: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicab40CFR 52.21, Subpart A

Item 333.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GB3

Regulated Contaminant(s):

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

Item 333.2:

Compliance Certification shall include the following monitoring:

Capping: Yes



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners firing natural gas.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O₂)

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 1/30/2001.

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

Condition 334: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 334.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GB3

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 334.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners firing natural gas.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 28 parts per million by volume (dry,



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 335.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 335.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Compliance with the non-methane hydrocarbon emission limit was demonstrated using the manufacture's specifications during initial permitting of the project.

Upper Permit Limit: 0.020 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 336: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 336.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 336.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR CO FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E
Upper Permit Limit: 0.080 pounds per million Btus
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 337: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 337.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GB3 Emission Source: 000DB

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

Item 337.2:

Compliance Certification shall include the following monitoring:

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



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Continuous emission monitoring of NO_x is required. Excess emissions must be reported quarterly.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.025 pounds per million Btus

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 1/30/2001.

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

Condition 338: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 338.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PreEmission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 338.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this emission limit during initial startup.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.015 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 339: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



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

Item 339.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 339.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
USING STACK CEM DATA AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: 40 CFR 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 340: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(b), NSPS Subpart Db

Item 340.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GB3 Emission Source: 000DB

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

Item 340.2:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL PERFORMANCE TESTING CONDUCTED ON
COMBINED EMISSIONS AT STACK PER
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES. DATA SUBMITTED IN MAY 1994.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 341: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(b), NSPS Subpart Db

Item 341.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 341.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

INITIAL PERFORMANCE TESTING CONDUCTED ON
COMBINED EMISSIONS AT STACK PER
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES. DATA SUBMITTED IN MAY 1994.

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(c), NSPS Subpart Db

Item 342.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 342.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED
IN INITIAL PERFORMANCE TESTS BY MEASURING
COMBINED STACK EMISSIONS AS DESCRIBED IN
ALTERNATIVE NOX MONITORING AND REPORTING
PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: EPA METHOD 20
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 343: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 343.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GB3 Emission Source: 000DB

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

Item 343.2:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE TESTS CONDUCTED ON COMBINED EXHAUST AT STACK. COMPLIANCE DETERMINED AS DESCRIBED IN ALTERNATIVE NOX MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: UPON PERMIT RENEWAL

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 344: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.46b(f), NSPS Subpart Db

Item 344.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB3

Emission Source: 000DB

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 344.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH NOX STANDARD DETERMINED IN INITIAL PERFORMANCE TESTS BY MEASURING COMBINED STACK EMISSIONS AS DESCRIBED IN ALTERNATIVE NOX MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 0.025 pounds per million Btus

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 345.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000DB

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

Item 345.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

PERFORMANCE TESTS CONDUCTED ON COMBINED
EXHAUST AT STACK. COMPLIANCE DETERMINED
AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 346: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 346.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GB3 Emission Source: 000DB

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

Item 346.2:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification shall include the following monitoring:

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

NOX MONITORED PER ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 0.025 pounds per million Btus
Reference Test Method: 40 CFR 60 APP B & F
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 347: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 347.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GB3 Emission Source: 000GT

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 347.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 22.0 pounds per hour
Reference Test Method: EPA METHOD 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 348: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 348.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 348.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners

firing natural gas.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 24.0 parts per million by volume
(dry, corrected to 15% O₂)

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 1/30/2001.

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

Condition 349: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 349.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

EmisEmission Point: 00001

Process: GB3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 349.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine and the supplemental duct burners firing natural gas.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O2)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 350.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GB3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 350.2:

Compliance Certification shall include the following monitoring:

Capping: Yes



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Demonstrate compliance with this non-methane VOC emission limit during initial startup.

Parameter Monitored: VOC

Upper Permit Limit: 0.018 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 351: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 351.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GB3

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 351.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Upper Permit Limit: 11.0 pounds per hour

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 352: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Applicab40CFR 52.21, Subpart A

Item 352.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 352.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PM EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.037 pounds per million Btus
Reference Test Method: EPA METHOD 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 353: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 353.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GB3 Emission Source: 000GT

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

Item 353.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 354.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

PrEmission Source: 000GT

Regulated Contaminant(s):

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

Item 354.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 355: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 355.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GW1

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 355.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

RECORDS OF ON-LINE GAS TURBINE WATER
WASHING MUST BE MAINTAINED WHICH CLEARLY
SHOW THE TIME THAT WATER WASHING TOOK
PLACE.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 356: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 356.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GW1

Regulated Contaminant(s):

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

Item 356.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NOX
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 357.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW1

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 357.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH3
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 10.7 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 358.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GW1

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

Item 358.2:

Compliance Certification shall include the following monitoring:

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

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E
Upper Permit Limit: 10 parts per million by volume (dry,
corrected to 15% O2)
Reference Test Method: NONE
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 359: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 359.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GW1

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 359.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine while performing on-line water washing no supplemental duct burner firing

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 40 parts per million by volume (dry, corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 360.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW1

Regulated Contaminant(s):

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

Item 360.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine while performing on-line water washing no supplemental duct burner firing

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

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

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 361.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW1

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 361.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

ON LINE GAS TURBINE WATER WASHING SHALL NOT EXCEED 500 HOURS PER 12 MONTH PERIOD.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: WATER

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 362.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW1

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0

VOC

Item 362.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 0.006 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 363.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW1

Emission Source: 000GT



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

CAS No: 0NY075-00-0
Regulated Contaminant(s): PARTICULATES

Item 363.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PM EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: .007 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 364.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW1

Emission Source: 000GT

CAS No: 000630-08-0
Regulated Contaminant(s): CARBON MONOXIDE

Item 364.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions
shall not exceed the limits herein while firing natural
gas in the gas turbine while performing on-line water
washing no supplemental duct burner firing

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Upper Permit Limit: 13 parts per million by volume (dry, corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 365: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 365.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PreEmission Source: 000GT

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

Item 365.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous emission monitoring is required. Emissions shall not exceed the limits herein while firing natural gas in the gas turbine while performing on-line water washing no supplemental duct burner firing

Manufacturer Name/Model Number: ROSEMOUNT 951C
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 9.0 parts per million by volume (dry, corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 366.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

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

Item 366.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 367: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 367.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001
Process: GW1 Emission Source: 000GT

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

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Item 367.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 9 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 368: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 368.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GW2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 368.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

ON-LINE GAS TURBINE WATER WASHING SHALL
NOT EXCEED 500 HOURS PER 12 MONTH
PERIOD.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: WATER

Upper Permit Limit: 500 hours

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 369: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 369.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GW2

Regulated Contaminant(s):

CAS No: 007664-41-7

AMMONIA

Item 369.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS EMISSION MONITOR MUST BE USED
TO MONITOR NH3 FROM 1GTDBS. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3 parts per million by volume (dry,
corrected to 15% O2)

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 370: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 370.1:

The Compliance Certification activity will be performed for:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GW2

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 370.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine while performing on-line water washing no supplemental duct burner firing

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 56.0 parts per million by volume
(dry, corrected to 15% O2)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 371.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2

Regulated Contaminant(s):

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

Item 371.2:

Compliance Certification shall include the following monitoring:

Capping: Yes



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine while performing on-line water washing no supplemental duct burner firing

Manufacturer Name/Model Number: ROSEMOUNT 951C

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O₂)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 372.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 372.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

TOTAL NO. 2 FUEL OIL FIRING IN THE GAS TURBINE SHALL NOT EXCEED 8.14 X 10⁶ GALLONS PER YEAR, CALCULATED ON A DAILY ROLLING BASIS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Upper Permit Limit: 8.14E06 gallons per year
Monitoring Frequency: DAILY
Averaging Method: ANNUAL MAXIMUM ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 373: Compliance Certification
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 373.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
Process: GW2

Regulated Contaminant(s):

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

Item 373.2:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
CONTINUOUS MASS EMISSION RATE OF NOX
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 83 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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Item 374.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GW2

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 374.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF CO FROM
1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Upper Permit Limit: 88 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 1/30/2001.

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

Condition 375: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 375.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GW2

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 375.2:

Compliance Certification shall include the following monitoring:

Capping: Yes



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

RECORDS OF ON-LINE GAS TURBINE WATER
WASHING MUST BE MAINTAINED WHICH CLEARLY
SHOW THE TIME THAT WATER WASHING TOOK
PLACE.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 376.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 376.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

CONTINUOUS MASS EMISSION RATE OF NH3
FROM 1GTDBS MUST BE MONITORED. EXCESS
EMISSIONS MUST BE REPORTED QUARTERLY.

Manufacturer Name/Model Number: ROSEMOUNT 951E

Upper Permit Limit: 3.1 pounds per hour

Reference Test Method: NONE

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 377: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 377.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Process: GW2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 377.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL

PERFORMANCE TESTING.

Parameter Monitored: VOC

Upper Permit Limit: 0.018 pounds per million Btus

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 378: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 378.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Process: GW2 Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 378.2:

Compliance Certification shall include the following monitoring:

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH VOC EMISSION LIMIT MUST
BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 11.0 pounds per hour

Reference Test Method: EPA METHOD 25

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 379.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0

PARTICULATES

Item 379.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.037 pounds per million Btus

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 380.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 0NY075-00-0

PARTICULATES

Item 380.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

COMPLIANCE WITH PARTICULATE EMISSION
LIMIT MUST BE DEMONSTRATED DURING INITIAL
PERFORMANCE TESTING.

Upper Permit Limit: 22.0 pounds per hour

Reference Test Method: EPA METHOD 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 381.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 381.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine while performing on-line water washing no supplemental duct burner firing

Manufacturer Name/Model Number: SIEMENS/ULTRAMAT 5E

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 24.0 parts per million by volume

(dry, corrected to 15% O2)

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 1/30/2001.

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

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 52.21, Subpart A

Item 382.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2

Emission Source: 000GT

Regulated Contaminant(s):

CAS No: ONY210-00-0

OXIDES OF NITROGEN

Item 382.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continous emission monitoring is required. Emissions shall not exceed the limits herein while firing #2 fuel oil in the gas turbine while performing on-line water washing no supplemental duct burner firing

Manufacturer Name/Model Number: ROSEMOUNT 951C



New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 30.0 parts per million by volume
(dry, corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 383.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001
PrEmission Source: 000GT

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

Item 383.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOX EMISSIONS MONITORED DIRECTLY WITH
CEM AS DESCRIBED IN ALTERNATIVE NOX
MONITORING AND REPORTING PROCEDURES.

Manufacturer Name/Model Number: ROSEMOUNT 951C
Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)
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 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 384: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Applicable Federal Requirement: 40CFR 60.335(c)(2), NSPS Subpart GG

Item 384.1:

The Compliance Certification activity will be performed for:

EmisEmission Point: 00001

Process: GW2 Emission Source: 000GT

Regulated Contaminant(s):

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

Item 384.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOX EMISSIONS FROM 000GT MEASURED
DIRECTLY WITH CEM.

Upper Permit Limit: 30 parts per million by volume (dry,
corrected to 15% O₂)

Reference Test Method: EPA METHOD 20

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 385: Compliance Certification

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable 40CFR 52.21, Subpart A

Item 385.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-HWBLR Emission Point: 00005

Process: HB1

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 385.2:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Monitoring Description:

THE HOT WATER BOILER SHALL ONLY FIRE
NATURAL GAS OR PROPANE.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 386: Monitoring of operations.

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.116b(a), NSPS Subpart Kb

Item 386.1:

This Emission Unit: T-00110

Item 386.2:

The owner or operator shall maintain records of materials stored, time stored, and the maximum vapor pressure during the storage period; for a minimum of 2 years.

Condition 387: Records of the dimension and capacity of storage vessels

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable Federal Requirement: 40CFR 60.116b(b), NSPS Subpart Kb

Item 387.1:

This Condition applies to Emission Unit: T-00110

Item 387.2:

The owner or operator of each storage vessel, as specified in 40CFR60.110b(a), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

Each storage vessel with a design capacity less than 75 cubic meters is subject to no provision of 40CFR60 Subpart Kb other than those required by the above paragraph.

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STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 388: General Provisions

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 201-5

Item 388.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 388.2:

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

Item 388.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Condition 389: Contaminant List

Effective between the dates of 12/04/2000 and 12/04/2005

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

Item 389.1:

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

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 000630-08-0

ie: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Condition 390: Air pollution prohibited
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 390.1:

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

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

Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 391.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Item 391.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE GAS TURBINE SHALL ONLY FIRE NATURAL GAS OR NO. 2 FUEL OIL WHEN FIRING AT LOADS OF 75% OF GREATER. THE GAS TURBINE SHALL ONLY FIRE NATURAL GAS WHEN FIRING AT LOADS FROM 40% UP TO BUT LESS THAN

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75%.

Monitoring Frequency: DAILY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 392: Compliance Demonstration
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 392.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Item 392.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

THE FACILITY SHALL MAINTAIN A FILE OF ALL MEASUREMENTS, INCLUDING CEM SYSTEM PERFORMANCE EVALUATIONS; ALL CEM SYSTEMS OR MONITORING DEVICE CALIBRATION CHECKS; ADJUSTMENTS & MAINTENANCE PERFORMED ON THESE SYSTEMS OR DEVICES & ALL OTHER INFO REQD BY 40CFR60

Monitoring Frequency: DAILY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 393.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

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Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 393.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE DUCT BURNER SHALL ONLY FIRE NATURAL
GAS OR NO. 2 FUEL OIL.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 394.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Item 394.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A CONTINUOUS MONITORING AND RECORDING
SYSTEM SHALL BE CALIBRATED, MAINTAINED
AND OPERATED TO MEASURE NOX, CO AND O2 IN
THE GAS TURBINE/DUCT BURNER EXHAUST
STACK. THE CEM SHALL MEET THE
REQUIREMENTS OF 40CFR60, APPENDICES B&F.
EXCESS EMISSIONS MUST BE REPORTED
QUARTERLY.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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



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Condition 395: Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 395.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS

Emission Point: 00001

Item 395.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE GAS TURBINE SHALL ONLY FIRE NATURAL GAS OR NO. 2 FUEL OIL WHEN FIRING AT LOADS OF 75% OF GREATER. THE GAS TURBINE SHALL ONLY FIRE NATURAL GAS WHEN FIRING AT LOADS FROM 40% UP TO BUT LESS THAN 75%.

Monitoring Frequency: DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 396.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Item 396.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

THE FACILITY SHALL MAINTAIN A FILE OF ALL MEASUREMENTS, INCLUDING CEM SYSTEM PERFORMANCE EVALUATIONS; ALL CEM SYSTEMS OR MONITORING DEVICE CALIBRATION CHECKS;



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Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029

ADJUSTMENTS & MAINTENANCE PERFORMED ON
THESE SYSTEMS OR DEVICES & ALL OTHER INFO
REQD BY 40CFR60

Monitoring Frequency: DAILY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Condition 397: Compliance Demonstration
Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 397.1:

The Compliance Demonstration activity will be performed for:

EmisEmission Point: 00001

Item 397.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
THE CONTINUOUS MONITORING AND RECORDING
SYSTEM SHALL MEET THE REQUIREMENTS OF 40
CFR 60 APPENDICES B & F.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 3 calendar month(s).

Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 398.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Item 398.2:

Compliance Demonstration shall include the following monitoring:

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Facility DEC ID: 4381400029



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

STACK GAS FLOW RATE MUST BE CONTINUOUSLY
CALCULATED FOR THE GAS TURBINE/DUCT
BURNER STACK. THE CALCULATED VOLUMETRIC
FLOW RATE SHALL BE USED TO DETERMINE AND
RECORD MASS EMISSION RATE CORRESPONDING

TO THE CEM MEASURED DATA.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 399: Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

Applicable State Requirement: 6NYCRR 211.2

Item 399.1:

The Compliance Demonstration activity will be performed for:

EmisEmission Point: 00001

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 399.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continuous emission monitor must be used to monitor NH₃
emissions from 1-GTDBS. Excess emissions must be reported
quarterly.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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

Condition 400: Compliance Demonstration

Effective between the dates of 12/04/2000 and 12/04/2005

New York State Department of Environmental Conservation

Permit ID: 4-3814-00029/00024

Facility DEC ID: 4381400029



Applicable State Requirement: 6NYCRR 211.2

Item 400.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-GTDBS Emission Point: 00001

Item 400.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A CONTINUOUS MONITORING AND RECORDING SYSTEM SHALL BE CALIBRATED, MAINTAINED AND OPERATED TO MEASURE NOX, CO AND O2 IN THE GAS TURBINE/DUCT BURNER EXHAUST STACK.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2001.

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