New York State Department of Environmental Conservation
Facility DEC ID: 2600300038

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 2-6003-00038/00013
Effective Date: 07/27/2006 Expiration Date: No expiration date

Permit Issued To: RIVERBAY CORP
2049 BARTOW AVE
BRONX, NY 10475-4613

Contact: RIVERBAY CORP
2049 BARTOW AVE
BRONX, NY 10475-4613
(718) 320-3576

Facility: RIVERBAY CORP-CO-OP CITY
2049 BARTOW AVE
BRONX, NY 10475

Contact: TIMOTHY MURPHY
RIVERBAY CORPORATION CO-OP CITY POWER
98 CO-OP CITY BLVD
BRONX, NY 10475
(718) 320-3108

Description:

Permit Description
RIVERBAY CORP-CO-OP CITY
DEC ID # 2-6003-00038/00013 (ASF)

This ASF permit application involves the replacement of an existing high pressure boiler (Emission Source ES004 in Emission Unit U-00005) with a new high pressure and low heat release rate boiler (Emission Source S0005 in Emission Unit U-00005). The existing boiler, which was installed in 1968, is not operational and will be de-commissioned since repair costs are excessive. The existing boiler is rated at 377 MM BTU/hr and is permitted to burn #6 fuel oil or natural gas. This existing boiler will be replaced by a state of the art high pressure boiler rated at 212 MM BTU/hr Rentech Model D Watertube boiler. The new boiler will burn low sulfur (maximum 0.20 %) #2 fuel oil (Process OIL) or natural gas (Process GAS), and will be equipped with a low NOx burner and Flue Gas Recirculation - FGR (Emission Control C0005. Potential emissions of all criteria air pollutants will be significantly lower for the new boiler. The exhaust gases will be discharged to the atmosphere via a stack, identified as Emission Point 00005.

Since this facility is located in a severe ozone non-attainment area and ozone transport region , the only

non-attainment contaminants to be reviewed for Part 231 are NOx and VOC. The new high pressure & low release rate boiler to be installed is a replacement of an emission source with similar equipment using the same emission stack, with lower input heat rating 212 MM BTU/hr vs. 377 MM BTU/hr), and a decrease in the Maximum Annual Potential (MAP) emissions of all pollutants compared to the existing boiler. Therefore, the new emission source is not subject to Part 231 New Source Review for either NOx or VOC in accordance with 6 NYCRR 231-2.2(d)(6) exemptions and 6 NYCRR 231-2.1(b)(40) definitions of a source project. Also, the projected actual annual emissions of the new boiler are less than the baseline actual emissions of the existing boiler and, therefore, are not subject to PSD regulations in accordance with 40 CFR 52.21 (a)(2)(iv)(c).

The Air State Facility permit contains a complete listing of the applicable federal, state and compliance monitoring requirements for the facility, its emission unit, emission point and emission source. The facility is subject to the provisions of 6 NYCRR 201-5. The facility is subject to 6 NYCRR 225-1.2(a)(2), sulfur in fuel limitation, which restricts the sulfur content of the distillate fuel oil utilized throughout the facility to 0.20 % by weight or less. Emission Point 00005 is subject to the particulate and smoke emission and corrective action requirements of 6 NYCRR 227-1, stationary combustion installations. The new boiler (Emission Source S0005 in Emission Unit U-00005) has to comply with 6 NYCRR 227-2.4, Reasonably Available Control Technology (RACT) for oxides of nitrogen for large boilers of 0.30 lb/MM BTU/hr limit when operating on gas/oil. The facility has to comply with the requirements of 6 NYCRR 227-2.6(a)(3), testing, monitoring and reporting requirements for large boilers, 6 NYCRR 227-2.6(b), CEMS requirements, 6 NYCRR 227-2.6(c) and 6 NYCRR 227-2.6(c)(2), stack test requirements for large boilers.

To demonstrate compliance with the particulate emission rate limits in section 227.2(b)(1), the facility will conduct a stack test of the new 212 MM BTU/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005) when it has reached a representative level of operation.

In order to comply with Subpart Db requirements for the new boiler that will be installed, the facility uses # 2 fuel oil with a maximum sulfur content of 0.20% by weight. Under Subpart Db, the fuel meets the definition of "very low sulfur" and thereby allows the facility to demonstrate and monitor compliance with the SO2 standards in section 60.42b by maintaining fuel receipts showing sulfur content, and therefore, be exempt from emission monitoring for sulfur dioxide according to 40 CFR 60-Db.47b(f). The fuel sampling and testing protocol established by Subpart Db for the new boiler, will ensure compliance for NOx standards under section 60.44b. Compliance with Subpart Db Particulate emission standards under section 60.43b will be monitored by a Continuous Opacity Monitor System (COMS) operated in accordance with Subpart Db specifications.

The new 212 MM BTU/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005) is subject to 40 CFR 60 Subpart A.4 thru Subpart A.15, general provisions for address, notification and recordkeeping, performance tests, availability of information, compliance with standards and maintenance requirements, circumvention, monitoring requirements, modification, and reconstruction. The new boiler is also subject to 40 CFR 60 Subpart Db, New Source Performance Standards requirements relating to SO2, NOx and Particulates emissions. In addition, the new boiler is subject to 40 CFR 60-Db.42b; standard for sulfur dioxide, 40 CFR 60-Db.43b;standard for Particulates, 40 CFR 60-Db.44b; standard for nitrogen oxides, 40 CFR 60-Db.45b; compliance and performance test methods and procedures for sulfur dioxide, 40 CFR 60-Db.46b; compliance and performance test methods and procedures for particulates and nitrogen oxides, 40 CFR 60-Db.47b; emission monitoring

for sulfur dioxide, 40 CFR 60-Db.48b; emission monitoring for particulates and nitrogen oxides, and 40 CFR 60-Db.49b; reporting and recordkeeping requirements.

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: JOHN F CRYAN
DIVISION OF ENVIRONMENTAL PERMITS
ONE HUNTERS POINT PLAZA, 47-40 21ST STREET
LONG ISLAND CITY, NY 11101-5407

Authorized Signature: _____ Date: ___ / ___ / _____

New York State Department of Environmental Conservation
Facility DEC ID: 2600300038

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.

New York State Department of Environmental Conservation
Facility DEC ID: 2600300038

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 2 HEADQUARTERS

DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

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

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

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

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.

Item 3.3:
Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual

transfer of ownership.

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

Item 4.1:
The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 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 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997

New York State Department of Environmental Conservation
Permit ID: 2-6003-00038/00013 Facility DEC ID: 2600300038

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: RIVERBAY CORP
2049 BARTOW AVE
BRONX, NY 10475-4613

Facility: RIVERBAY CORP-CO-OP CITY
2049 BARTOW AVE
BRONX, NY 10475

Authorized Activity By Standard Industrial Classification Code:
6513 - APARTMENT BUILDING OPERATORS

Permit Effective Date: 07/27/2006 Permit Expiration Date: No expiration date.

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level
2 40CFR 68: Accidental release provisions.
3 40CFR 82, Subpart F: Recycling and Emissions Reduction
1 6NYCRR 201-6.5(g): Non Applicable requirements
4 6NYCRR 202-1.2: Notification
5 6NYCRR 202-1.2: Compliance Demonstration
6 6NYCRR 202-1.3: Acceptable procedures - Stack test report submittal
7 6NYCRR 202-1.3: Compliance Demonstration
8 6NYCRR 202-2: Compliance Demonstration
9 6NYCRR 225-1.2(a)(2): Compliance Demonstration
10 6NYCRR 225-1.8: Compliance Demonstration
Emission Unit Level

EU=U-00005,EP=00005,Proc=PGS,ES=S0005
11 6NYCRR 227-1.3(a): Compliance Demonstration
12 6NYCRR 227-2.4(b): Compliance Demonstration
13 6NYCRR 227-2.4(b)(1): Compliance Demonstration
14 6NYCRR 227-2.6(a)(3): Compliance Demonstration
15 6NYCRR 227-2.6(b): Compliance Demonstration
16 6NYCRR 227-2.6(c): Compliance Demonstration
17 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
18 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
19 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification - if a COM is used.
20 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
21 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
22 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
23 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
24 40CFR 60.8, NSPS Subpart A: Compliance Demonstration
25 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
26 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
27 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
28 40CFR 60.8(d), NSPS Subpart A: Prior notice.
29 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
30 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
31 40CFR 60.9, NSPS Subpart A: Availability of information.
32 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
33 40CFR 60.12, NSPS Subpart A: Circumvention.
34 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
35 40CFR 60.13(c), NSPS Subpart A: Compliance Demonstration
36 40CFR 60.14, NSPS Subpart A: Modifications.

37 40CFR 60.15, NSPS Subpart A: Reconstruction.
38 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
39 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
40 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
41 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Demonstration
42 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
43 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
44 40CFR 60.44b(j), NSPS Subpart Db: Performance test compliance.
45 40CFR 60.44b(k), NSPS Subpart Db: Oxides of nitrogen standard exemption.
46 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
47 40CFR 60.46b(e), NSPS Subpart Db: Compliance Demonstration
48 40CFR 60.48b(a), NSPS Subpart Db: Compliance Demonstration
49 40CFR 60.48b(b), NSPS Subpart Db: Compliance Demonstration
50 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
51 40CFR 60.49b, NSPS Subpart Db: Compliance Demonstration
52 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
53 40CFR 60.49b(b), NSPS Subpart Db: Compliance Demonstration
54 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
55 40CFR 60.49b(f), NSPS Subpart Db: Compliance Demonstration
56 40CFR 60.49b(g), NSPS Subpart Db: Compliance Demonstration
57 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
58 40CFR 60.49b(i), NSPS Subpart Db: Compliance Demonstration
59 40CFR 60.49b(o), NSPS Subpart Db: Records Retention

EU=U-00005,EP=00005,Proc=POL,ES=S0005
60 6NYCRR 227-1.3(a): Compliance Demonstration
61 6NYCRR 227-2.4(b): Compliance Demonstration
62 6NYCRR 227-2.4(b)(1): Compliance Demonstration
63 6NYCRR 227-2.6(a)(3): Compliance Demonstration
64 6NYCRR 227-2.6(b): Compliance Demonstration
65 6NYCRR 227-2.6(c): Compliance Demonstration
66 6NYCRR 227.2(b)(1): Compliance Demonstration
67 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
68 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
69 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification - if a COM is used.
70 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
71 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
72 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
73 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
74 40CFR 60.8, NSPS Subpart A: Compliance Demonstration
75 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.

76 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
77 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
78 40CFR 60.8(d), NSPS Subpart A: Prior notice.
79 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
80 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
81 40CFR 60.9, NSPS Subpart A: Availability of information.
82 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
83 40CFR 60.12, NSPS Subpart A: Circumvention.
84 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
85 40CFR 60.13(c), NSPS Subpart A: Compliance Demonstration
86 40CFR 60.14, NSPS Subpart A: Modifications.
87 40CFR 60.15, NSPS Subpart A: Reconstruction.
88 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.
89 40CFR 60.42b(j), NSPS Subpart Db: Compliance Demonstration
90 40CFR 60.43b(b), NSPS Subpart Db: Particulate matter standard.
91 40CFR 60.43b(b), NSPS Subpart Db: Compliance Demonstration
92 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
93 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
94 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
95 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Demonstration
96 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
97 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
98 40CFR 60.44b(j), NSPS Subpart Db: Performance test compliance.
99 40CFR 60.44b(k), NSPS Subpart Db: Oxides of nitrogen standard exemption.
100 40CFR 60.45b(j), NSPS Subpart Db: Compliance Demonstration
101 40CFR 60.45b(j), NSPS Subpart Db: Compliance Demonstration
102 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
103 40CFR 60.46b(e), NSPS Subpart Db: Compliance Demonstration
104 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
105 40CFR 60.47b(f), NSPS Subpart Db: Compliance Demonstration
106 40CFR 60.48b(a), NSPS Subpart Db: Compliance Demonstration
107 40CFR 60.48b(b), NSPS Subpart Db: Compliance Demonstration
108 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
109 40CFR 60.49b, NSPS Subpart Db: Compliance Demonstration
110 40CFR 60.49b(a), NSPS Subpart Db: Compliance Demonstration
111 40CFR 60.49b(b), NSPS Subpart Db: Compliance Demonstration
112 40CFR 60.49b(d), NSPS Subpart Db: Compliance Demonstration
113 40CFR 60.49b(f), NSPS Subpart Db: Compliance Demonstration
114 40CFR 60.49b(g), NSPS Subpart Db: Compliance Demonstration
115 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration
116 40CFR 60.49b(i), NSPS Subpart Db: Compliance Demonstration

117 40CFR 60.49b(j), NSPS Subpart Db: Compliance Demonstration
118 40CFR 60.49b(o), NSPS Subpart Db: Records Retention
119 40CFR 60.49b(r), NSPS Subpart Db: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level
120 ECL 19-0301: Contaminant List
121 6NYCRR 201-1.4: Unavoidable noncompliance and violations
122 6NYCRR 201-5: Emission Unit Definition
123 6NYCRR 211.2: Air pollution prohibited
Emission Unit Level
124 6NYCRR 201-5: Emission Point Definition By Emission Unit
125 6NYCRR 201-5: Process Definition By Emission Unit

FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: **Sealing - 6NYCRR Part 200.5**

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 labeling 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.

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.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: **Acceptable Ambient Air Quality - 6NYCRR Part 200.6**

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.

Item C: **Maintenance of Equipment - 6NYCRR Part 200.7**

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.

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

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.

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

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

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
(4) The facility owner and/or operator notified the Department within two working days after the event

occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

Item F: **Recycling and Salvage - 6NYCRR Part 201-1.7**

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.

Item G: **Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8**

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.

Item H: **Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)**

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.

Item I: **Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)**

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.

Item J: **Required Emission Tests - 6 NYCRR Part 202-1.1**

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.

Item K: **Visible Emissions Limited - 6 NYCRR Part 211.3**
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.

Item L: **Open Fires - 6 NYCRR Part 215**
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.

Item M: **Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not

limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item N: **Federally Enforceable Requirements - 40 CFR 70.6(b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 2: **Accidental release provisions.**
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 68

Item 2.1:
If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 3: Recycling and Emissions Reduction
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 3.1:
The permittee shall comply with all applicable provisions of 40 CFR Part 82.

Condition 1: Non Applicable requirements
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 1.1:
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.

6NYCRR 231-2
Emission Unit: U00005
Reason: The new high pressure & low release rate boiler to be installed is a replacement of an emission source with similar equipment using the same emission stack, with lower input heat rating 212 MM BTU/hr vs. 377 MM BTU/hr), and a decrease in the Maximum Annual Potential (MAP) emissions of all pollutants from the previous boiler. Therefore, the new emission source is not subject to Part 231 New Source Review in accordance with 6 NYCRR 231-2.2(d)(6) exemptions and 6 NYCRR 231-2.1(b)(40) definitions of a source project.

40CFR 52-A.21
Emission Unit: U00005
Reason: The new high pressure & low release rate boiler results in a decrease in the Maximum Annual Potential (MAP) emissions of all pollutants compared to the existing boiler. The projected actual annual emissions of the new boiler are less than the baseline actual emissions of the existing boiler and, therefore, are not subject to PSD regulations in accordance with 40 CFR 52.21 (a)(2)(iv)(c).

Condition 4: Notification
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.2

Item 4.1:
A person who is required by the commissioner to submit a stack test report shall notify the commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

Condition 5: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.2

Item 5.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 5.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When a stack test is required, notify the Commissioner of the stack test date and submit testing procedures at least 30 days prior to the scheduled test date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 6: Acceptable procedures - Stack test report submittal
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.3

Item 6.1:
Emission test reports must be submitted in triplicate to the commissioner within 60 days after the completion of the tests, unless additional time is requested in writing.

Condition 7: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-1.3

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

Item 7.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
When a stack test is performed, submit the stack test results within 60 days of the completion of the test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 8: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 202-2

Item 8.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 8.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Submit Annual Emission Statement to NYSDEC. Reports due April 15 for the previous year's operation. Maintain records for five years.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 105 days after the reporting period.
The initial report is due 4/15/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 9: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 9.1:
The Compliance Demonstration activity will be performed for the Facility.

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

Item 9.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The facility is required to provide semi-annual reports on fuel sulfur content used. The facility shall not use distillate fuel oil with greater than 0.2 % by weight sulfur. Fuel supplier shall provide certification that the sulfur content is less than 0.2 % for all fuel deliveries.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.2 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 10: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.8

Item 10.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 10.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility is required to provide semi-annual reports to NYSDEC on fuel analysis, quantity of fuel received, daily amount of fuel burned, and results of any stack sampling, stack monitoring, or any procedures required to assure compliance with 6 NYCRR 225-1.

Monitoring Frequency: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

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

Condition 11: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 11.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 11.2:
Compliance Demonstration 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 10/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 12: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.4(b)

Item 12.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 12.2:
Compliance Demonstration shall include the following monitoring:

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

Effective May 31, 1995, any owner or operator of a large boiler (bewtween 100 and 250 MM Btu/hr) must comply with the listed NOx RACT emission limit. Compliance with these emission limits shall be determined with a one-hour average in accordance with the provisions of section 227-2.6(a)(3) of this Subpart unless the owner/operator opts to utilize Continuous Emission monitoring Systems (CEMS) under the provisions of section 227-2.6(a)(2) of this Subpart. If a CEMS is utilized, the requirements of section 227-2.6(b) of this Subpart apply, including the use of a 24-hour averaging period.

A large boiler is identified as: a device with maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour, that combusts any fuel and produces steam or heats water or any other heat transfer medium.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

Manufacturer Name/Model Number: CEMS
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: METHOD 7, or 7E, or 19
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 13: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.4(b)(1)

Item 13.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 13.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
NOx emission from large boilers burning oil and gas is limitted to 0.30 lbs/MM BTU. Compliance will be met based on the Rentech boiler emission guarantee of 0.1 lbs/MM BTU on oil and 0.03 lbs/MM BTU on natural gas. Performance will be confirmed with a Continuous Emission Monitor.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

Manufacturer Name/Model Number: CEMS
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 14: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.6(a)(3)

Item 14.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 14.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following unit shall perform testing to verify NOx emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NOx emissions by performing stack tests described in subdivision (c) of this section. A large boiler is defined as: A device with maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour, that combusts any fuel and produces steam or heats water or any other heat transfer medium.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 15: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.6(b)

Item 15.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 15.2:
Compliance Demonstration shall include the following monitoring:

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

Riverbay CORP-CO-OP CITY is required to maintain and operate CEM System for NOx emission. The CEM System is required to meet the requirements of 40 CFR Appendices B and F.

(b) CEMS Requirements

(1) The owner or operator of a source subject to paragraph (a)(1), (2), or (5) of this section that is obligated to submit a compliance plan required under section 227-2.3(a) and (b) of this Subpart must submit for department approval:

(i) a preliminary CEMS plan as part of the compliance plan if it has a CEMS in place, or are in the process of procuring or installing CEMS;

(ii) a preliminary CEMS plan at least 180 days prior to equipment installation. The department will notify the owner or operator of the acceptability of the plan, at least 60 days prior to equipment installation if it is not covered under subparagraph (i) of this paragraph; or

(iii) a proposed equivalent monitoring plan.

Compliance with the NOx standard for large boilers burning natural gas and fuel oil will be determined using a Continuous Emissions Monitor (CEM) in accordance with 6 NYCRR 227-2.6(a)(2) and (b).

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a

limit of 0.30 pounds per million Btu per hour.

Manufacturer Name/Model Number: CEMS
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: Appendices B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 16: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.6(c)

Item 16.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 16.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The following unit shall perform testing to verify NOx emissions to demonstrate compliance with this part.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

The owner or operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NOx emissions by performing stack rests described in subdivision (c) of this section.

The NOx RACT for large boilers (between 100 and 250 MM Btu/hr) operating on gas have a limit of 0.20 pounds per

million Btu per hour and those operating on gas/oil have a limit of 0.30 pounds per million Btu per hour.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6 NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the department; and

2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

i. For large boilers (bewtween 100 and 250 MM Btu/hr), utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

3. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after the completion of the emission test.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: METHOD 7, or 7E, or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 17: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 17.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 17.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 18: EPA Region 2 address.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 18.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 18.2:
All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

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 Quality Assurance
625 Broadway
Albany, NY 12233-3258

Condition 19: Date of Construction Notification - if a COM is used.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 19.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 19.2:
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, postmarked no later than 30 days after such date;

3) a notification of the actual date of initial start up, postmarked 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 40 CFR 60. The notice shall be postmarked 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, postmarked not less than 30 days prior to such date;

6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and

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, postmarked not less than 30 days prior to the performance test.

Condition 20: Recordkeeping requirements.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 20.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 20.2:
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 21: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 21.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 21.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, 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.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 22: Excess Emissions Report
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 22.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 22.2:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 23: Facility files for subject sources.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 23.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 23.2:
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 24: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8, NSPS Subpart A

Item 24.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 24.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Stack performance tests shall be performed within 60 days after achieving the maximum production rate but not later than 180 days after initial start-up.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 25: Performance testing timeline.

Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 25.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 25.2:
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.

Condition 26: Performance test methods.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 26.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 26.2:
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 27: Required performance test information.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 27.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 27.2:
Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 28: Prior notice.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 28.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 28.2:
The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 29: Performance testing facilities.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 29.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 29.2:
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 30: Number of required tests.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 30.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 30.2:
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 31: Availability of information.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 31.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 31.2:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 32: Opacity standard compliance testing.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 32.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 32.2:
The following conditions shall be used to determine compliance with the opacity standards:

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

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

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

Condition 33: Circumvention.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 33.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 33.2:
No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 34: Monitoring requirements.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 34.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 34.2:
All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 35: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 35.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 35.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the owner or operator of an affected facility elects to submit continous opacity monitoring system (COMS) data for compliance with the opacity standard as provided under §60.11(e)(5), he or she shall conduct a performance evaluation of the COMS as specified in Performance Specification 1, appendix B, of 40CFR 60 before the performance test required under §60.8 is conducted. Otherwise, the owner or operator of an affected facility shall conduct a performance evaluation of the COMS or continuous emission monitoring system (CEMS) during any performance test required under §60.8 or within 30 days thereafter in accordance with the applicable performance specification in appendix B of 40CFR 60. The owner or operator of an affected facility shall conduct COMS or CEMS performance evaluations at such other times as may be required by the Administrator under section 114 of the Act.
(1) The owner or operator of an affected facility using a COMS to determine opacity compliance during any performance test required under §60.8 and as described in §60.11(e)(5) shall furnish the Administrator two or, upon request, more copies of a written report of the results of the COMS performance evaluation described in 40CFR60.13(c)

at least 10 days before the performance test required under §60.8 is conducted.
(2) Except as provided in paragraph 40CFR60.13(c)(1), the owner or operator of an affected facility shall furnish the Administrator within 60 days of completion two or, upon request, more copies of a written report of the results of the performance evaluation.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Modifications.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 36.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 36.2:
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 37: Reconstruction.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 37.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 37.2:
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 38: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 38.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 38.2:
Compliance Demonstration shall include the following monitoring:

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

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

The facility is exempt from the opacity limits under 40 CFR 60.43b(h)(5) by burning very low sulfur # 2 fuel oil and natural gas. NYSDEC regulations limit discharge into the atmosphere gases that exhibit greater than 20% opacity for a 6-minute average. A Continuous Opacity Monitor (COMS) will be used to monitor opacity.

Manufacturer Name/Model Number: CEMS
Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent by weight
Reference Test Method: Continuous Opacity Monitor
Monitoring Frequency: CONTINUOUS
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 39.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 39.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Particulate matter and opacity exemption.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 40.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 40.2:
The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Condition 41: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 41.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 41.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Oxides of nitrogen standard for industrial/commercial/institutional steam generating units: The facility shall discharge a maximum of 0.10 lbs/MM BTU of NOx for low heat release rate large boilers (<70,000 BTU/hr/cu.ft) while firing natural gas or distillate oil. Compliance with the emission limit will be based on a Continuous Emissions Monitor (CEM) in accordance with 40 CFR 60.46b (e) and 40 CFR 60.8. Emission Source S0005 in Emission Unit U-00005 is a 212 MM BTU/hr high pressure & low heat release boiler, and operates on gas or distillate oil.

Manufacturer Name/Model Number: CEMS
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Applicability of oxides of nitrogen standard.

Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 42.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 42.2:
The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 43: Averaging period.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 43.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 43.2:
Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

Condition 44: Performance test compliance.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 44.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 44.2:
Compliance with the initial performance test for nitrogen oxide shall be based on a 24 hour average, subsequent performance tests will be based on a 3 hour average.

Condition 45: Oxides of nitrogen standard exemption.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 45.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 45.2:
Affected facilities which meet the criteria in paragraphs (j)(1), (j)(2), and (j)(3) and are less than or equal to 73 MW in heat input capacity are exempt from the oxides of nitrogen standards of section 40 CFR 60-Db.44b(k).

Condition 46: Compliance and performance methods for oxides of nitrogen and particulate matter.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 46.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 46.2:
Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 47: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 47.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 47.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
To determine compliance with the emission limits for nitrogen oxides required under 40 CFR 60-Db.44b, the owner or operator of an affected facility shall conduct the performance test as required under 40 CFR 60.8 using the continuous system for monitoring nitrogen oxides under 40 CFR 60.48(b). The nitrogen oxides limit is 0.10 lbs/MM BTU.

A Continuous Emissions Monitor (CEMS) will be used to

monitor compliance with the NOx standard in accordance with the procedures under 60.48 (b).

Manufacturer Name/Model Number: CEMS
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 30-DAY AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 48: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 48.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 48.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The owner or operator shall install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 49.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 49.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
The owner or operator subject to 40CFR 60-Db.44b shall install, calibrate, maintain, and operate a continous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the system.

Emission Source S0003 is a 212 MM BTU/hr high pressure & low release rate boiler. The NOx emission limit for natural gas and distillate oil for low heat release rate boilers is 0.10 lbs/million BTU.

Manufacturer Name/Model Number: CEMS
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Appendices B & F
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Use of alternative methods for measuring NOx during CEMS downtime
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 50.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 50.2:
When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 51: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 51.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 51.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility will provide notfications to the EPA Administrator of initial start-up, performance test data and CEMS performance evaluation. The facility will maintain records of daily fuel burned, capacity factor, hourly emissions, opacity, RATA and drift tests, 30-day NOx rolling average, excess emissions hours with reasons and corrective actions, excluded data etc.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 52: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 52.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 52.2:
Compliance Demonstration 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 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 53: Compliance Demonstration

Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 53.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 53.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each affected facility subject to the sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 54: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 54.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 54.2:
Compliance Demonstration 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 55: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 55.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 55.2:
Compliance Demonstration 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 56: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 56.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 56.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

1) Calendar date.
2) The average hourly nitrogen oxides emission rates (expressed as NO2) (ng/J or lb/million Btu heat input) measured or predicted.
3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
9) Description of any modifications to the continuous monitoring system that could affect the ability of the

system to comply with Performance Specification 2 or
3.
10) Results of daily CEMS drift tests and quarterly
accuracy assessments as required under 40CFR60 Appendix F,
Procedure 1.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 57: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 57.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 57.2:
Compliance Demonstration 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.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 58.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

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

Item 58.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 59: Records Retention
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 59.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: PGS Emission Source: S0005

Item 59.2:
All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 60: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 60.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 60.2:
Compliance Demonstration 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 10/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 61: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.4(b)

Item 61.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 61.2:
Compliance Demonstration shall include the following monitoring:

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

Effective May 31, 1995, any owner or operator of a large boiler (bewtween 100 and 250 MM Btu/hr) must comply with the listed NOx RACT emission limit. Compliance with these emission limits shall be determined with a one-hour average in accordance with the provisions of section 227-2.6(a)(3) of this Subpart unless the owner/operator opts to utilize Continuous Emission monitoring Systems (CEMS) under the provisions of section 227-2.6(a)(2) of this Subpart. If a CEMS is utilized, the requirements of section 227-2.6(b) of this Subpart apply, including the use of a 24-hour averaging period.

A large boiler is identified as: a device with maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour, that combusts any fuel and produces steam or heats water or any other heat transfer medium.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

NOx emission from large boilers burning oil and gas is limitted to 0.30 lbs/MM BTU. Compliance will be met based on the Rentech boiler emission guarantee of 0.1 lbs/MM BTU on oil and 0.03 lbs/MM BTU on natural gas. Performance will be confirmed with a Continuous Emission Monitor.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: METHOD 7, or 7E, or 19
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 62: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.4(b)(1)

Item 62.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 62.2:
Compliance Demonstration shall include the following monitoring:

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

NOx emission from large boilers burning oil and gas is limitted to 0.30 lbs/MM BTU. Compliance will be met based on the Rentech boiler emission guarantee of 0.1 lbs/MM BTU on oil and 0.03 lbs/MM BTU on natural gas. Performance will be confirmed with a Continuous Emission Monitor.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

Manufacturer Name/Model Number: CEMS
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2006.
Subsequent reports are due every 3 calendar month(s).

Condition 63: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.6(a)(3)

Item 63.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 63.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The following unit shall perform testing to verify NOx emissions to demonstrate compliance with this part.

The owner/operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NOx emissions by performing stack tests described in subdivision (c) of this section. A large boiler is defined as: A device with maximum heat input capacity greater than 100 million Btu per hour and equal to or less than 250 million Btu per hour, that combusts any fuel and produces steam or heats water or any other heat transfer medium.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 64: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.6(b)

Item 64.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 64.2:
Compliance Demonstration shall include the following monitoring:

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

Riverbay CORP-CO-OP CITY is required to maintain and operate CEM System for NOx emission. The CEM System is required to meet the requirements of 40 CFR Appendices B and F.

(b) CEMS Requirements

(1) The owner or operator of a source subject to paragraph (a)(1), (2), or (5) of this section that is obligated to submit a compliance plan required under section 227-2.3(a) and (b) of this Subpart must submit for department approval:

(i) a preliminary CEMS plan as part of the compliance plan if it has a CEMS in place, or are in the process of procuring or installing CEMS;

(ii) a preliminary CEMS plan at least 180 days prior to equipment installation. The department will notify the owner or operator of the acceptability of the plan, at least 60 days prior to equipment installation if it is not covered under subparagraph (i) of this paragraph; or

(iii) a proposed equivalent monitoring plan.

Compliance with the NOx standard for large boilers burning natural gas and fuel oil will be determined using a Continuous Emissions Monitor (CEM) in accordance with 6 NYCRR 227-2.6(a)(2) and (b).

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

Manufacturer Name/Model Number: CEMS
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: Appendices B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2006.

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

Condition 65: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-2.6(c)

Item 65.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 65.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The following unit shall perform testing to verify NOx emissions to demonstrate compliance with this part.

This condition applies to the 212 MM Btu/hr Rentech Model D Watertube boiler (Emission Source S0005 in Emission Unit U-00005. The NOx RACT for large gas/oil boilers is a limit of 0.30 pounds per million Btu per hour.

The owner or operator of large boilers (between 100 and 250 MM Btu/hr) shall measure NOx emissions by performing stack rests described in subdivision (c) of this section.

The NOx RACT for large boilers (between 100 and 250 MM Btu/hr) operating on gas have a limit of 0.20 pounds per million Btu per hour and those operating on gas/oil have a limit of 0.30 pounds per million Btu per hour.

Stack test requirements: The owner/operator of those facilities required to stack test under subdivision (a) of 6 NYCRR 227-2.6 shall:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The conditions of the testing and the locations of the

sampling devices must be acceptable to the department; and

2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

i. For large boilers (bewtween 100 and 250 MM Btu/hr), utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

3. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after the completion of the emission test.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.30 pounds per million Btus
Reference Test Method: METHOD 7, or 7E, or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 66: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227.2(b)(1)

Item 66.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 66.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Particulate emission limit for stationary combustion

installation firing oil. The owner or operator shall complete the following once per term of this permit:

1) Submit to the Department an acceptable protocol for the testing of particulate emission limit cited in this condition.

2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.

3) All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 67: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60, NSPS Subpart A

Item 67.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 67.2:
This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 68: EPA Region 2 address.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 68.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 68.2:
All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

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 Quality Assurance
625 Broadway
Albany, NY 12233-3258

Condition 69: Date of Construction Notification - if a COM is used.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 69.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 69.2:
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, postmarked no later than 30 days after such date;

3) a notification of the actual date of initial start up, postmarked 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 40 CFR 60. The notice shall be postmarked 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, postmarked not less than 30 days prior to such date;

6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and

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, postmarked not less than 30 days prior to the performance test.

Condition 70: Recordkeeping requirements.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 70.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 70.2:
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 71: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 71.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 71.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, 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.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 72: Excess Emissions Report
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 72.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 72.2:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 73: Facility files for subject sources.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 73.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005

Process: POL Emission Source: S0005

Item 73.2:
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 74: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8, NSPS Subpart A

Item 74.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 74.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Stack performance tests shall be performed within 60 days after achieving the maximum production rate but not later than 180 days after initial start-up.

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 75: Performance testing timeline.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 75.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 75.2:
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.

Condition 76: Performance test methods.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 76.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 76.2:
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 77: Required performance test information.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 77.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 77.2:
Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 78: Prior notice.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 78.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 78.2:
The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 79: Performance testing facilities.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 79.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005

Process: POL Emission Source: S0005

Item 79.2:
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 80: Number of required tests.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 80.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 80.2:
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 81: Availability of information.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 81.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 81.2:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 82: Opacity standard compliance testing.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 82.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005

Process: POL Emission Source: S0005

Item 82.2:
The following conditions shall be used to determine compliance with the opacity standards:

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

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

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

Condition 83: Circumvention.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 83.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 83.2:
No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 84: Monitoring requirements.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 84.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 84.2:
All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 85: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 85.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 85.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the owner or operator of an affected facility elects to submit continous opacity monitoring system (COMS) data for compliance with the opacity standard as provided under §60.11(e)(5), he or she shall conduct a performance evaluation of the COMS as specified in Performance Specification 1, appendix B, of 40CFR 60 before the performance test required under §60.8 is conducted. Otherwise, the owner or operator of an affected facility shall conduct a performance evaluation of the COMS or continuous emission monitoring system (CEMS) during any performance test required under §60.8 or within 30 days thereafter in accordance with the applicable performance specification in appendix B of 40CFR 60. The owner or operator of an affected facility shall conduct COMS or CEMS performance evaluations at such other times as may be required by the Administrator under section 114 of the Act.
(1) The owner or operator of an affected facility using a COMS to determine opacity compliance during any performance test required under §60.8 and as described in §60.11(e)(5) shall furnish the Administrator two or, upon request, more copies of a written report of the results of the COMS performance evaluation described in 40CFR60.13(c) at least 10 days before the performance test required under §60.8 is conducted.
(2) Except as provided in paragraph 40CFR60.13(c)(1), the owner or operator of an affected facility shall furnish the Administrator within 60 days of completion two or, upon request, more copies of a written report of the results of the performance evaluation.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 86: Modifications.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 86.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 86.2:
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 87: Reconstruction.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 87.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 87.2:
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 88: Demonstration criteria for low sulfur oil.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 88.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 88.2:
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 89: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 89.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 89.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
40 CFR 60 Subpart Db - standards for sulfur dioxide will be met by compliance with paragraph (j) by firing only very low sulfur distillate oil (# 2 fuel oil) that contains no more than 0.2 % sulfur by weight. Percent reduction requirements are not applicable to affected facilities combusting only very low sulfur oil under 40 CFR 60.42b(j). The owner or operator of an affected facility combusting very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by (1) following the performance testing procedures as described in Part 60.45b(c) or Part 60.45b(d), and following the monitoring procedures as described in Part

60.47b(a) or Part 60.47b(b) to determine sulfur dioxide emission rate of fuel oil sulfur content; or (2) obtaining and maintaining fuel receipts and certification from the fuel supplier as described in Part 60.49b(r).

Emission monitoring will be based on 40 CFR 60.47b(f).

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.2 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 90: Particulate matter standard.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 90.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 90.2:
Particulate matter emissions oil or oil and other fuels shall not exceed 0.10 lb/mmBtu.

Condition 91: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 91.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 91.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Compliance with Particulate emission limits in 40 CFR 60.43b(b) is achieved by the use of very low sulfur oil (less than 0.2% sulfur by weight). A one time stack test will be performed to determine PM and PM-10 emissions following the requirement of 40 CFR 60.8, and using procedures described in 40 CFR 60.49.

Manufacturer Name/Model Number: CEMS
Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.1 pounds per million Btus
Reference Test Method: EPA METHOD 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 92: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 92.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 92.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

The facility is exempt from the opacity limits under 40 CFR 60.43b(h)(5) by burning very low sulfur # 2 fuel oil and natural gas. NYSDEC regulations limit discharge into the atmosphere gases that exhibit greater than 20% opacity

for a 6-minute average. A Continuous Opacity Monitor (COMS) will be used to monitor opacity.

Manufacturer Name/Model Number: TBD
Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent by weight
Reference Test Method: Continuous Opacity Monitor
Monitoring Frequency: CONTINUOUS
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 93: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 93.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 93.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.

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

Condition 94: Particulate matter and opacity exemption.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 94.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 94.2:
The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Condition 95: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.44b(a)(1), NSPS Subpart Db

Item 95.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 95.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Oxides of nitrogen standard for industrial/commercial/institutional steam generating units: The facility shall discharge a maximum of 0.10 lbs/MM BTU of NOx for low heat release rate large boilers (<70,000 BTU/hr/cu.ft) while firing natural gas or distillate oil. Compliance with the emission limit will be based on a Continuous Emissions Monitor (CEM) in accordance with 40 CFR 60.46b (e) and 40 CFR 60.8. Emission Source S0005 in Emission Unit U-00005 is a 212 MM BTU/hr high pressure & low heat release boiler, and operates on gas or distillate oil.

Manufacturer Name/Model Number: CEMS

Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 96: Applicability of oxides of nitrogen standard.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 96.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 96.2:
The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 97: Averaging period.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 97.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 97.2:
Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

Condition 98: Performance test compliance.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 98.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 98.2:
Compliance with the initial performance test for nitrogen oxide shall be based on a 24 hour average, subsequent performance tests will be based on a 3 hour average.

Condition 99: Oxides of nitrogen standard exemption.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 99.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 99.2:
Affected facilities which meet the criteria in paragraphs (j)(1), (j)(2), and (j)(3) and are less than or equal to 73 MW in heat input capacity are exempt from the oxides of nitrogen standards of section 40 CFR 60-Db.44b(k).

Condition 100: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 100.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 100.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Compliance with the sulfur dioxide emission standard is demonstrated by burning only very low sulfur oil (less than 0.2% sulfur by weight). Compliance is monitored by maintaining records on fuel oil certification provided by the oil supplier with each delivery, indicating that the sulfur content in the fuel oil is less than 0.20 % by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 101: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 101.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 101.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Exemption for very low sulfur oil: 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 102: Compliance and performance methods for oxides of nitrogen and particulate matter.
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 102.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005

Item 102.2:
Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 103: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.46b(e), NSPS Subpart Db

Item 103.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 103.2:
Compliance Demonstration shall include the following monitoring:

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

To determine compliance with the emission limits for nitrogen oxides required under 40 CFR 60-Db.44b, the owner or operator of an affected facility shall conduct the performance test as required under 40 CFR 60.8 using the continuous system for monitoring nitrogen oxides under 40 CFR 60.48(b). The nitrogen oxides limit is 0.10 lbs/MM BTU.

A Continuous Emissions Monitor (CEMS) will be used to monitor compliance with the NOx standard in accordance with the procedures under 60.48 (b).

Manufacturer Name/Model Number: CEMS
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: EPA METHOD 7E
Monitoring Frequency: CONTINUOUS
Averaging Method: 30-DAY AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 104: Alternative sulfur dioxide monitoring method.
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 104.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 104.2:
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 105: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 105.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 105.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the emission monitoring requirements of section 40 CFR 60-Db.47b if the owner or operator obtains fuel receipts as described in subdivision 40 CFR 60-Db.49b(r).

Very low sulfur oil means an oil that contains no more than 0.5 weight percent sulfur or that, when combusted without sulfur dioxide emission control, has a sulfur dioxide emission rate equal to or less than 215 ng/J (0.5 lb/million Btu) heat input.

Facilities demonstrating compliance using the fuel supplier certification, for sulfur-in-fuel limitations (based on a percent by weight of sulfur in the fuel), shall submit the certification in accordance with the provisions of 40 CFR 60-Db.47b.

40 CFR 60-Db.47b(f), NSPS which limits the sulfur content in the residual oil to 0.5 percent by weight is not applicable to this facility. This regulation is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight for facilities in a severe ozone non-attainment area such as New York City.

Riverbay Corp CO-OP City must comply with the 0.20 percent by weight sulfur content limit as per 6 NYCRR 225-1.2(a)(2), which has more stringent limit for New York City than 40 CFR 60-Db.47b(f), NSPS. Records of fuel receipts in accordance with 40 CFR 60.49b(r), indicating fuel sulfur content, are to be maintained on file to determine compliance.

Compliance with the sulfur dioxide emission standard for Rivervay Corp CO-OP will be based on a certification from the fuel supplier in accordance with 40 CFR 60.49b(r) that each fuel oil delivery is very low sulfur oil (less than 0.20% sulfur by weight).

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.20 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 106: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 106.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 106.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The owner or operator shall install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 107: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 107.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 107.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
The owner or operator subject to 40CFR 60-Db.44b shall

install, calibrate, maintain, and operate a continous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the system.

Emission Source S0005 is a 212 MM BTU/hr high pressure & low release rate boiler. The NOx emission limit for natural gas and distillate oil for low heat release rate boilers is 0.10 lbs/million BTU.

Manufacturer Name/Model Number: CEMS
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Appendices B & F
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 108: Use of alternative methods for measuring NOx during CEMS downtime
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 108.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 108.2:
When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 109: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 109.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 109.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility will provide notfications to the EPA Administrator of initial start-up, performance test data and CEMS performance evaluation. The facility will maintain records of daily fuel burned, capacity factor, hourly emissions, opacity, RATA and drift tests, 30-day NOx rolling average, excess emissions hours with reasons and corrective actions, excluded data etc.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 110: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 110.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 110.2:
Compliance Demonstration 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 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 111: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 111.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 111.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of each affected facility subject to the sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the

applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 112: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 112.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 112.2:
Compliance Demonstration 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 113: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 113.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 113.2:
Compliance Demonstration 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 114: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 114.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 114.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator shall maintain records of the following information for each steam generating unit operating day:

1) Calendar date.
2) The average hourly nitrogen oxides emission rates (expressed as NO2) (ng/J or lb/million Btu heat input) measured or predicted.
3) The 30-day average nitrogen oxides emission rates

(ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 115: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 115.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005

Process: POL Emission Source: S0005

Item 115.2:
Compliance Demonstration 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.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 116: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 116.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 116.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 117: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 117.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 117.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of an affected facility subject to the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semiannual reporting period. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 118: Records Retention
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 118.1:
This Condition applies to Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

Item 118.2:
All records required under this section shall be maintained by the owner or operator of the affected facility

for a period of 2 years following the date of such record.

Condition 119: Compliance Demonstration
Effective between the dates of 07/27/2006 and Permit Expiration Date

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

Item 119.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: U-00005 Emission Point: 00005
Process: POL Emission Source: S0005

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

Item 119.2:
Compliance Demonstration 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. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

Item A: **Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)**
Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: **General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**
Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or

law.

STATE ONLY APPLICABLE REQUIREMENTS
The following conditions are state only enforceable.

Condition 120: Contaminant List
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 120.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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

CAS No: 0NY075-00-0
Name: PARTICULATES

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

Condition 121: Unavoidable noncompliance and violations
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 121.1:
At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 122: Emission Unit Definition
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 122.1:
The facility is authorized to perform regulated processes under this permit for:

Emission Unit: U-00005
Emission Unit Description:

Emission Unit U-00005 consists of one state-of-the art new high pressure and low heat release boiler (Rentech Model D Watertube Boiler), rated at 212 MM BTU/hr (Emission Source S0005), firing #2 fuel oil (Process POL) or natural gas (Process PGS), venting to existing stack (Emission Point 00005) for Emission Source ES004 in Emission Unit U-00005. The new boiler will be equipped with a low NOx burner and Flue Gas Recirculation - FGR (Emission Control C0005). Potential emissions of all criteria air pollutants will be significantly lower for the new boiler.

This is a replacement for the existing high pressure boiler (Emission Source ES004 in Emission Unit U-00005), which is a Riley-Stoker Model OD-1, rated at 377 MM BTU/hr, firing #6 fuel oil or natural gas and is being de-commissioned due to excessive repair needs. The existing boiler, which was installed in 1968, is not operational and will be de-commissioned since repair costs are excessive. The existing boiler is rated at 377 MM BTU/hr and is permitted to burn #6 fuel oil or natural gas.

Building(s): PPLANT

Condition 123: Air pollution prohibited
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 123.1:
No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

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

Condition 124: Emission Point Definition By Emission Unit
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 124.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00005

Emission Point: 00005
Height (ft.): 138 Diameter (in.): 82
NYTMN (km.): 4525.023 NYTME (km.): 598.833 Building: PPLANT

Condition 125: Process Definition By Emission Unit
Effective between the dates of 07/27/2006 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 125.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00005
Process: PGS Source Classification Code: 1-03-006-01
Process Description:

Process PGS consists of the firing of natural gas in the new state-of-the art new high pressure and low heat release boiler (Rentech Model D Watertube Boiler), rated at 212 MM BTU/hr (Emission Source S0005 in Emission Unit U-00005), venting to existing stack (Emission Point 00005) for Emission Source ES004 in Emission Unit U-00005. The new boiler will fire either low sulfur # 2 fuel oil (0.2% maximum by weight) or natural gas. The new boiler is rated at 212 mmbtu/hr with maximum firing rate of 206,000 cubic feet per hour. The new boiler will be equipped with a low NOx burner and Flue Gas Recirculation - FGR (Emission Control C0005). Potential emissions of all criteria air pollutants will be significantly lower for the new boiler.

This is a replacement for the existing high pressure boiler (Emission Source ES004 in Emission Unit U-00005), which is a Riley-Stoker Model OD-1, rated at 377 MM BTU/hr, firing #6 fuel oil or natural gas and is being de-commissioned due to excessive repair needs. The existing boiler, which was installed in 1968, is not operational and will be de-commissioned since repair costs are excessive. The existing boiler is rated at 377 MM BTU/hr and is permitted to burn #6 fuel oil or natural gas.

Emission Source/Control: S0005 - Combustion
Design Capacity: 212 million Btu per hour

Emission Source/Control: C0005 - Control
Control Type: LOW NOX BURNERS, FLUE GAS RECIRCULATION

Item 125.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00005
Process: POL Source Classification Code: 1-03-005-01
Process Description:

Process POL consists of the firing of # 2 fuel oil in the new state-of-the art new high pressure and low heat release boiler (Rentech Model D Watertube Boiler), rated at 212 MM BTU/hr (Emission Source S0005 in Emission Unit U-00005), venting to existing stack (Emission Point 00005) for Emission Source ES004 in Emission Unit U-00005. The new boiler will fire either low sulfur # 2 fuel oil (0.2% maximum by weight) or natural gas. The new boiler is rated at 206 MM BTU/hr with maximum firing rate of 1,490 gallons per hour. The new boiler will be equipped with a low NOx burner and Flue Gas Recirculation - FGR (Emission Control C0005). Potential emissions of all criteria air pollutants will be significantly lower for the new boiler.

This is a replacement for the existing high pressure boiler (Emission Source ES004 in Emission Unit U-00005), which is a Riley-Stoker Model OD-1, rated at 377 MM BTU/hr, firing #6 fuel oil or natural gas and is being de-commissioned due to excessive repair needs. The existing boiler, which was installed in 1968, is not operational and will be de-commissioned since repair costs are excessive. The existing boiler is rated at 377 MM BTU/hr and is permitted to burn #6 fuel oil or natural gas.

Emission Source/Control: S0005 - Combustion
Design Capacity: 212 million Btu per hour

Emission Source/Control: C0005 - Control
Control Type: LOW NOX BURNERS, FLUE GAS RECIRCULATION