



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 1-4720-01321/00013
Mod 0 Effective Date: 12/21/1999 Expiration Date: No expiration date.
Mod 2 Effective Date: 04/04/2002 Expiration Date: No expiration date.
Mod 3 Effective Date: 07/01/2003 Expiration Date: No expiration date.
Mod 4 Effective Date: 02/12/2008 Expiration Date: No expiration date.

Permit Issued To: STATE UNIVERSITY OF NEW YORK
STATE UNIVERSITY PLAZA
381 BROADWAY
ALBANY, NY 12246

Facility: SUNY FARMINGDALE
ST RTE 110 - 2350 BROADHOLLOW RD
FARMINGDALE, NY 11735

Contact: WILLIAM OCONNOR
SUNY FARMINGDALE
2350 BROADHOLLOW RD
FARMINGDALE, NY 11735-1021
(631) 420-2604

Description:
SUNY FARMINGDALE facility operates four small boilers with capacities of 24.15 (Boiler 1), 42 (Boiler 2), 46.2 (Boiler 3), and 42 (Boiler 4) million BTU/hr. The boilers' emissions are discharged into the atmosphere through four stacks or emission points that pertain to the Emission Unit 1. These dual fuel fired boilers can operate on natural gas and oil and the facility is capping out of Title V by limiting the annual fuel consumption to 1,055,000 gallons of oil and 170,700,000 cubic feet of natural gas. The facility is also limited to oil usage that contains less than 0.5 weight percent of sulfur as required by 6 NYCRR Part 225 regulation. The owners/operators of the facility tested the boilers for particulate emissions as required by 6 NYCRR Part 227 and 40 CFR 60 Subpart Dc regulations. The emissions from the boilers shall be controlled by performing annual boiler tune-ups and certifying that the stack opacities are kept below 20 percent. The facility shall keep on site all the necessary records and report the compliance to the Department semi-annually.



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: ROGER EVANS
 NYSDEC - SUNY @ STONY BROOK
 50 CIRCLE RD
 STONY BROOK, NY 11790-3409

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
 - Applications for permit renewals, modifications and transfers
 - Applications for Permit Renewals and Modifications
 - Permit modifications, suspensions or revocations by the Department
 - Applications for Permit Renewals and Modifications
 - Permit Modifications, Suspensions and Revocations by the Department
 - Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal-REGION 1 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 1 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 4-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 4-1.1:

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 4-1.2:

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 4-1.3:

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 2-1: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 2-1.1:

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 2-1.2:

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 2-1.3:

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 4-2: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6NYCRR 621.13

Item 4-2.1:

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.

Condition 3: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6NYCRR 621.13(a)

Expired by Mod No: 2

Item 3.1:

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



Item 3.2:

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

Condition 2-2: Permit Modifications, Suspensions and Revocations by the Department

Applicable State Requirement: 6NYCRR 621.14

Item 2-2.1:

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.

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

Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 1 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 1 Headquarters
Division of Environmental Permits
SUNY Campus, Loop Road, Building 40
Stony Brook, NY 11790-2356
(516) 444-0365

Condition 4-3: Submission of application for permit modification or renewal-REGION 1

HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 4-3.1:

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

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

Permit Issued To: STATE UNIVERSITY OF NEW YORK
STATE UNIVERSITY PLAZA
381 BROADWAY
ALBANY, NY 12246

Facility: SUNY FARMINGDALE
ST RTE 110 - 2350 BROADHOLLOW RD
FARMINGDALE, NY 11735

Authorized Activity By Standard Industrial Classification Code:
8221 - COLLEGES AND UNIVERSITIES, NEC

Mod 0 Permit Effective Date: 12/21/1999
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 04/04/2002
date.

Permit Expiration Date: No expiration

Mod 3 Permit Effective Date: 07/01/2003
date.

Permit Expiration Date: No expiration

Mod 4 Permit Effective Date: 02/12/2008
date.

Permit Expiration Date: No expiration



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 - Applications for Permit Renewals and Modifications
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 - Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal-REGION 1 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 1 HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.1: Definitions Applicable To This Permit
- 4-2 6NYCRR 201-7.2: Facility Permissible Emissions
 - *4-1 6NYCRR 201-7.2: Capping Monitoring Condition
 - *4-3 6NYCRR 201-7.2: Capping Monitoring Condition
 - *4-4 6NYCRR 201-7.2: Capping Monitoring Condition
 - *4-5 6NYCRR 201-7.2: Capping Monitoring Condition
 - *4-6 6NYCRR 201-7.2: Capping Monitoring Condition
- 21 6NYCRR 202-1.3: Acceptable procedures
- 24 6NYCRR 225-1.8: Compliance Demonstration
- 28 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 29 40CFR 60.14, NSPS Subpart A: Modifications.
- 30 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration

Emission Unit Level

EU=0-00001

- 31 6NYCRR 227-1.3(a): Compliance Demonstration
- 2-6 6NYCRR 227-2.4(d): Compliance Demonstration
- 2-7 6NYCRR 227.2(b)(1): Compliance Demonstration
- 2-8 40CFR 60.8, NSPS Subpart A: Compliance Demonstration
- 2-9 40CFR 60.12, NSPS Subpart A: Circumvention.
- 32 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

EU=0-00001,Proc=001

- 2-10 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements

EU=0-00001,Proc=002

- 2-11 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 33 6NYCRR 227-1.3: Compliance Demonstration
- 2-12 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and



Maintenance Requirements

- 2-13 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 34 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 2-14 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability.
- 2-15 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 2-16 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.
- 2-17 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration
- 2-18 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 49 ECL 19-0301: Contaminant List
- 3-1 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 51 6NYCRR 201-5: Emission Unit Definition
- 53 6NYCRR 211.2: Air pollution prohibited
- 54 6NYCRR 217-3.2(a): Diesel truck opacity limitation
- 55 6NYCRR 217-3.2(b): Idling of diesel trucks limited

Emission Unit Level

- 56 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 57 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



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 1: Definitions Applicable To This Permit
Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 200.1

Item 1.1:

The definitions found in Parts 200 and 201 apply throughout this permit. Specific definitions used in this permit and their meanings include:

1. "Act" refers to the Federal Clean Air Act, 42 U.S.C. Section 7401, et seq., as amended by Public Law 101-549, November 15, 1990.
2. "Administrator" refers to the Administrator of the United States Environmental Protection Agency or designee.
3. "Department" refers to the New York State Department of Environmental Conservation.

Condition 4-2: Facility Permissible Emissions
Effective between the dates of 02/12/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 4-2.1:

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

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

per year CAS No: 007446-09-5 (From Mod 4) PTE: 199,999 pounds

Name: SULFUR DIOXIDE

per year CAS No: 0NY210-00-0 (From Mod 4) PTE: 49,999 pounds

Name: OXIDES OF NITROGEN

Condition 4-1: Capping Monitoring Condition
Effective between the dates of 02/12/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 4-1.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6



Item 4-1.2:

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

Item 4-1.3:

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

Item 4-1.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 4-1.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 4-1.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 4-1.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Boilers which fire multiple fuels (In New York City, Nassau, Rockland, Suffolk, and Westchester counties) shall maintain a record of the quantity of each fuel fired.

Also, the owner or operator shall calculate (based on the fuel quantities) using the following formula:

$R(0.075)+D(0.02)+G(140)+E(0.44)+N(3400)<50,000$ lbs/yr of Oxides of Nitrogen Emissions.

Where: R = 12-month rolling total of residual oil fired (from boilers) in gals/yr

D = 12-month rolling total of distillate oil fired (from boilers) in gals/yr

G= 12-month rolling total of natural gas fired (from boilers) in mcf/yr



E = 12-month rolling total of diesel fuel
fired (from engines) in gals/yr
N = 12-month rolling total of natural gas
fired (from engines) in ncf/yr

Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 4-3: Capping Monitoring Condition
Effective between the dates of 02/12/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 4-3.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6

Item 4-3.2:

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

Item 4-3.3:

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

Item 4-3.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 4-3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 4-3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):



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

Item 4-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

SUNY FARMINGDALE shall cap out of Title V. The facility shall limit the consumption of distillate fuel oil to 1,055,000 gallons per year and natural gas to 170,700,000 cubic feet per year, as requested in the application for permit modification. The sulfur content of oil shall not exceed 0.5 weight percent.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 170,700,000 cubic feet per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 4-4: Capping Monitoring Condition

Effective between the dates of 02/12/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 4-4.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6

Item 4-4.2:

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

Item 4-4.3:

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

Item 4-4.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the



facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 4-4.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 4-4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 4-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

SUNY FARMINGDALE shall cap out of Title V. The facility shall limit the consumption of distillate fuel oil to 1,055,000 gallons per yer and natural gas to 170,700,000 cubic feet per year, as requested in the application for permit modification. The sulfur content of oil shall not exceed 0.5 weight percent.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 170,700,000 cubic feet per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 4-5: Capping Monitoring Condition

Effective between the dates of 02/12/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 4-5.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6



Item 4-5.2:

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

Item 4-5.3:

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

Item 4-5.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 4-5.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 4-5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 4-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

SUNY FARMINGDALE shall cap out of Title V. The facility shall limit the consumption of distillate fuel oil to 1,055,000 gallons per yer and natural gas to 170,700,000 cubic feet per year, as requested in the application for permit modification. The sulfur content of oil shall not exceed 0.5 weight percent.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Upper Permit Limit: 1,055,000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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



Condition 4-6: Capping Monitoring Condition
Effective between the dates of 02/12/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 4-6.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6

Item 4-6.2:

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

Item 4-6.3:

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

Item 4-6.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 4-6.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 4-6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 4-6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

SUNY FARMINGDALE shall cap out of Title V. The facility shall limit the consumption of distillate fuel oil to



1,055,000 gallons per year and natural gas to 170,700,000 cubic feet per year, as requested in the application for permit modification. The sulfur content of oil shall not exceed 0.5 weight percent.

Work Practice Type: PROCESS MATERIAL THRUPTUT
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Upper Permit Limit: 1,055,000 gallons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 21: Acceptable procedures
Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 202-1.3

Item 21.1:

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 24: Compliance Demonstration
Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-1.8

Item 24.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 28: Recordkeeping requirements.
Effective between the dates of 12/21/1999 and Permit Expiration Date



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

Item 28.1:

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

Condition 29: Modifications.

Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 29.1:

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

Condition 30: Compliance Demonstration

Effective between the dates of 12/21/1999 and Permit Expiration Date

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

Item 30.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 31: Compliance Demonstration

Effective between the dates of 12/21/1999 and Permit Expiration Date

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

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 31.2:



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 in reference test method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-6: Compliance Demonstration
Effective between the dates of 04/04/2002 and Permit Expiration Date

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

Item 2-6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 2-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2003.

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

Condition 2-7: Compliance Demonstration
Effective between the dates of 04/04/2002 and Permit Expiration Date

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

Item 2-7.1:

The Compliance Demonstration activity will be performed for:



Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 2-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a 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, and
- 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 7/30/2002.

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

Condition 2-8: Compliance Demonstration

Effective between the dates of 04/04/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8, NSPS Subpart A

Item 2-8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 2-8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



Monitoring Description:

Within 180 days of the issuance of the Air State Facility Permit, the owner or operator of the facility shall conduct a stack test and furnish the Department a written report of the results of the test not later than 60 days after the test. The test shall be conducted in conformity with the requirements of 40 CFR 60.8.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-9: Circumvention.

Effective between the dates of 04/04/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Replaces Condition(s) 40

Item 2-9.1:

This Condition applies to Emission Unit: 0-00001

Item 2-9.2:

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 32: Compliance Demonstration

Effective between the dates of 12/21/1999 and Permit Expiration Date

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

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.



Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2000.
Subsequent reports are due every 6 calendar month(s).

Condition 2-10: Compliance with Standards and Maintenance Requirements
Effective between the dates of 04/04/2002 and Permit Expiration Date

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

Replaces Condition(s) 39

Item 2-10.1:

This Condition applies to Emission Unit: 0-00001
Process: 001

Item 2-10.2:

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

Condition 2-11: Compliance Demonstration
Effective between the dates of 04/04/2002 and Permit Expiration Date

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

Replaces Condition(s) 58, 59

Item 2-11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001
Process: 002

Item 2-11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Reference Test Method: ASTM D-4294



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 7/30/2002.

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

Condition 33: Compliance Demonstration
Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 227-1.3

Item 33.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Process: 002

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - weather condition
 - was a plume observed?

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

- 3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.



The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-12: Compliance with Standards and Maintenance Requirements
Effective between the dates of 04/04/2002 and Permit Expiration Date

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

Item 2-12.1:

This Condition applies to Emission Unit: 0-00001

Process: 002

Item 2-12.2:

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

Condition 2-13: Compliance Demonstration
Effective between the dates of 04/04/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.42c(d), NSPS Subpart Dc

Replaces Condition(s) 41

Item 2-13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Process: 002



Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 2-13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under section 60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 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 7/30/2002.

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

Condition 34: Exemption from the averaging period.

Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.42c(h), NSPS Subpart Dc

Item 34.1:

This Condition applies to Emission Unit: 0-00001

Process: 002

Item 34.2:

Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

Condition 2-14: Enforceability.

Effective between the dates of 04/04/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.42c(i), NSPS Subpart Dc

Replaces Condition(s) 42

Item 2-14.1:

This Condition applies to Emission Unit: 0-00001

Process: 002



Item 2-14.2:

The sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations shall apply at all times, including periods of startup, shutdown, and malfunction.

Condition 2-15: Compliance Demonstration

Effective between the dates of 04/04/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.43c(c), NSPS Subpart Dc

Replaces Condition(s) 36

Item 2-15.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Process: 002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 2-15.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility 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: 20.0 percent

Reference Test Method: Method 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-16: Enforceability of particulate matter and opacity standards.

Effective between the dates of 04/04/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.43c(d), NSPS Subpart Dc

Replaces Condition(s) 43



Item 2-16.1:

This Condition applies to Emission Unit: 0-00001
Process: 002

Item 2-16.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 2-17: Compliance Demonstration
Effective between the dates of 04/04/2002 and Permit Expiration Date

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

Replaces Condition(s) 35

Item 2-17.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001
Process: 002

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

Item 2-17.2:

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 SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

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 7/30/2002.

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

Condition 2-18: Compliance Demonstration
Effective between the dates of 04/04/2002 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Replaces Condition(s) 48

Item 2-18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001



Process: 002

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 2-18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

- i) The name of the oil supplier, and
- ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

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 7/30/2002.

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 49: Contaminant List
Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 49.1:

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 3-1: Unavoidable noncompliance and violations
Effective between the dates of 07/01/2003 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-1.4

Item 3-1.1:

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

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

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

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

Condition 51: Emission Unit Definition
Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 51.1(From Mod 4):

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

Emission Unit: 0-00001

Emission Unit Description:

THIS UNIT IS LOCATED IN THE CENTRAL HEATING PLANT AND CONSISTS OF FOUR (4) EMISSION POINTS. EMISSION POINT 1 HAS THE ASSOCIATED EMISSION SOURCE 1 CONSISTING OF A DUAL FUEL (NATURAL GAS/#2 OIL) BOILER WITH A CAPACITY OF 24.15 MMBTU/HR. EMISSION POINT 2 HAS THE ASSOCIATED EMISSION SOURCE 2 CONSISTING OF A DUAL FUEL (NATURAL GAS/#2 OIL) BOILER WITH A CAPACITY OF 42 MMBTU/HR. EMISSION POINT 3 HAS THE ASSOCIATED EMISSION SOURCE 3 CONSISTING OF A DUAL FUEL (NATURAL GAS/#2 OIL) BOILER WITH A CAPACITY OF 46.2 MMBTU/HR. EMISSION POINT 4 HAS THE ASSOCIATED EMISSION SOURCE 4 CONSISTING OF A DUAL FUEL (NATURAL GAS/#2 OIL) BOILER WITH A CAPACITY OF 42 MMBTU/HR.

Building(s): HEAT PLNT

Condition 53: Air pollution prohibited



Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable State Requirement:6NYCRR 211.2

Item 53.1:

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

Condition 54: Diesel truck opacity limitation

Effective between the dates of 12/21/1999 and Permit Expiration Date

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

Item 54.1:

No person who owns, operates or leases a vehicle propelled by a diesel engine or who owns, leases or occupies land and has actual or apparent dominion or control over the operation of a vehicle propelled by a diesel engine which is present on said land, shall operate said vehicle or allow or permit it to be operated, in such a manner that exhaust emissions of a shade of blue, black, or gray equal to or greater than No. 1 on the Ringelmann chart (20 percent opacity) or equivalent standard acceptable to the commissioner are produced for a continuous period of more than five seconds when the vehicle is in motion.

Condition 55: Idling of diesel trucks limited

Effective between the dates of 12/21/1999 and Permit Expiration Date

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

Item 55.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

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

Condition 56: Emission Point Definition By Emission Unit

Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 56.1(From Mod 4):

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

Emission Unit: 0-00001



Emission Point: 00001
Height (ft.): 44 Diameter (in.): 24
NYTMN (km.): 4512.523 NYTME (km.): 632.833 Building: HEAT PLNT

Emission Point: 00002
Height (ft.): 63 Diameter (in.): 42
NYTMN (km.): 4512.523 NYTME (km.): 632.833 Building: HEAT PLNT

Emission Point: 00003
Height (ft.): 63 Diameter (in.): 42
NYTMN (km.): 4512.523 NYTME (km.): 632.833 Building: HEAT PLNT

Emission Point: 00004
Height (ft.): 63 Diameter (in.): 42
NYTMN (km.): 4512.523 NYTME (km.): 632.833 Building: HEAT PLNT

Condition 57: Process Definition By Emission Unit
Effective between the dates of 12/21/1999 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 57.1(From Mod 4):

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

Emission Unit: 0-00001
Process: 001 Source Classification Code: 1-03-006-02
Process Description:
COMBUSTION OF NATURAL GAS IN ALL FOUR (4)
BOILERS (SOURCE 00001,00002,00003, AND
00004), ALL OF WHICH ARE DUAL FUEL (NATURAL
GAS/#2 FUEL OIL).

Process was similar to above in the boiler
which was removed (Source 0001A).

Emission Source/Control: 00001 - Combustion
Design Capacity: 24.15 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 42 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 46.2 million Btu per hour

Emission Source/Control: 00004 - Combustion
Design Capacity: 42 million Btu per hour

Item 57.2(From Mod 4):

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

Emission Unit: 0-00001
Process: 002 Source Classification Code: 1-02-005-02
Process Description:



COMBUSTION OF NO. 2 FUEL OIL IN ALL FOUR
(4) BOILERS (SOURCES 00001,00002,00003, AND
00004), ALL OF WHICH ARE DUAL FUEL
(NATURAL GAS/#2 FUEL OIL).

Process was similar to above in the boiler
which was removed (source 0001A).

Emission Source/Control: 00001 - Combustion
Design Capacity: 24.15 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 42 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 46.2 million Btu per hour

Emission Source/Control: 00004 - Combustion
Design Capacity: 42 million Btu per hour

New York State Department of Environmental Conservation

Permit ID: 1-4720-01321/00013

Facility DEC ID: 1472001321

