

New York State Department of Environmental Conservation
Facility DEC ID: 8073600017



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-0736-00017/00003
Effective Date: 07/10/2000 Expiration Date: No expiration date

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BUILDING 2 - STATE OFFICE BUILDING CAMPUS
ALBANY, NY 12226

Contact: KEITH D RUPERT
NYS DEPARTMENT OF CORRECTIONAL SERVICES
1220 WASHINGTON AVENUE
ALBANY, NY 12226
(518) 435-9477

Facility: SOUTHPORT CORRECTIONAL FACILITY
236 INSTITUTION RD
PINE CITY, NY 14871

Contact: MICHAEL MCGINNIS
SOUTHPORT CORRECTIONAL FACILITY
236 INSTITUTION ROAD
PINE CITY, NY 14871

Description:
Initial State Facility for a correctional facility that operates two 16.75 million BTU/hr dual fuel boilers and one 10.46 million BTU/hr dual fuel boiler, identified as Emission Unit 0-0MAIN and exempt combustion units. The dual fuel boilers use natural gas as the primary fuel and #2 fuel oil as the backup.

This permit contains "capping" conditions that limit the facility to emissions of 194,480 pounds per year of Sulfur Dioxide (SO₂) by restricting the use of #2 fuel oil (with a maximum sulfur content by weight of 0.5%) to 900,286 gal/yr on a 12 month rolling total basis. This facility wide cap includes 650,000gal/yr for the powerhouse boilers and 250,286 gal/yr for exempt combustion units and the generators included in the CDRP program.

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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: DAVID L BIMBER
 DIVISION OF ENVIRONMENTAL PERMITS
 6274 EAST AVON LIMA RD
 AVON, NY 14414-9519

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 8
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



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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 8 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466



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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BUILDING 2 - STATE OFFICE BUILDING CAMPUS
ALBANY, NY 12226

Facility: SOUTHPORT CORRECTIONAL FACILITY
236 INSTITUTION RD
PINE CITY, NY 14871

Authorized Activity By Standard Industrial



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 201-7.2: Facility Permissible Emissions
- *2 6NYCRR 201-7.2: Compliance Demonstration
- 3 6NYCRR 225: Compliance Demonstration

Emission Unit Level

EU=0-0MAIN,EP=00001

- 4 6NYCRR 227-1.3(a): Compliance Demonstration

EU=0-0MAIN,EP=00002

- 5 6NYCRR 227-1.3(a): Compliance Demonstration

EU=0-0MAIN,EP=00003

- 6 6NYCRR 227-1.3(a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 7 ECL 19-0301: Contaminant List
- 8 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 9 6NYCRR 201-5: Emission Unit Definition
- 10 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 11 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 12 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping. Classification Code:
9223 - CORRECTIONAL INSTITUTIONS

Permit Effective Date: 07/10/2000

Permit Expiration Date: No expiration date.

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FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Facility Permissible Emissions
Effective between the dates of 07/10/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 007446-09-5 PTE: 194,480 pounds per year
Name: SULFUR DIOXIDE

Condition 2: Compliance Demonstration
Effective between the dates of 07/10/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
THE FACILITY IS CAPPING OUT OF TITLE V & PSD WITH A NO.2 FUEL OIL USAGE LIMIT OF 900,286 GAL/YR ON A 12MO ROLLING TOTAL BASIS. THIS IS A FACILITY-WIDE CAP THAT INCLUDES 650,000 GAL/YR FOR THE POWERHOUSE BOILERS AND 250,286 GAL/YR FOR THE CDRP GENERATORS. NO CAP IS NECESSARY FOR NATURAL GAS USAGE. ADHERENCE TO THESE LIMITS WILL ENSURE THAT THE TITLE V AND PSD THRESHOLDS WILL NOT BE EXCEEDED, AS DOCUMENTED IN THE CALCULATIONS ATTACHED TO THE PERMIT APPLICATION.



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RECORDS OF FUEL USAGE SHALL BE KEPT ON A MONTHLY BASIS, AND A ROLLING TWELVE MONTH TOTAL CALCULATED EACH MONTH. CERTIFICATION OF THESE DATA SHALL BE SUBMITTED ANNUALLY ON A CALENDAR YEAR BASIS, BY JANUARY 30TH OF EACH YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NUMBER 2 OIL
Upper Permit Limit: 900286 gallons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 12 calendar month(s).

Condition 3: Compliance Demonstration
Effective between the dates of 07/10/2000 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225

Item 3.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY WILL ESTABLISH & MAINTAIN A FUEL CONTRACT SPECIFYING A MAX SULFUR CONTENT BY WT OF 0.5% FOR NO.2 FUEL OIL. THIS IS BELOW THE 1.5% LIMIT OF PART 225. A COPY OF THE ANNUAL FUEL CONTRACT WILL BE AVAILABLE UPON REQUEST. A CERTIFICATION OF ADHERENCE TO THIS SULFUR LIMIT SHALL BE SUBMITTED ANNUALLY ON A CALENDAR YEAR BASIS, BY JANUARY 30TH OF EACH YEAR.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 OIL



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Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2001.
Subsequent reports are due every 12 calendar month(s).

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

Condition 4: Compliance Demonstration
Effective between the dates of 07/10/2000 and Permit Expiration Date

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

Item 4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN Emission Point: 00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 4.2:

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 (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

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

- 1) Observe the stack(s) or vent(s) once per day for



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visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

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

- weather condition
- was a plume observed?

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

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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The initial report is due 1/30/2001.
Subsequent reports are due every 6 calendar month(s).

Condition 5: Compliance Demonstration
Effective between the dates of 07/10/2000 and Permit Expiration Date

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

Item 5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN Emission Point: 00002

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

Item 5.2:

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 (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

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

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



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

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

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 1/30/2001.

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

Condition 6: Compliance Demonstration
Effective between the dates of 07/10/2000 and Permit Expiration Date

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

Item 6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0MAIN Emission Point: 00003

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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 6.2:

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 (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

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

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

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

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



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Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

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 1/30/2001.

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

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STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 7: Contaminant List
Effective between the dates of 07/10/2000 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 7.1:

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

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

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

Condition 8: Unavoidable noncompliance and violations
Effective between the dates of 07/10/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 8.1:

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



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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 9: Emission Unit Definition
Effective between the dates of 07/10/2000 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 9.1:

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

Emission Unit: 0-0MAIN

Emission Unit Description:

TWO 16.74 MILLION BTU/HR BOILERS AND ONE 10.46 MILLION BTU/HR BOILER ARE LOCATED IN THE POWERHOUSE. ALL OF THE BOILERS ARE DUAL FUEL FIRED. NATURAL GAS IS THE PRIMARY FUEL AND NO.2 FUEL OIL IS USED AS A BACKUP. THE BOILERS HAVE INDIVIDUAL STACKS. THE BOILERS WERE INSTALLED IN AUGUST 1987 AND ARE NOT SUBJECT TO NSPS. THE BOILERS WERE SUBJECT TO PSD AT THE TIME OF INSTALLATION AND ARE CAPPING OUT OF PSD WITH A NO.2 FUEL OIL CAP.

Building(s): 23

Item 9.2:

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



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Emission Unit: 0--CDRP

Emission Unit Description:

Two (formerly exempt, emergency) CDRP generators subject to a 500 hour per year operating limit.

**Condition 10: Air pollution prohibited
Effective between the dates of 07/10/2000 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 211.2

Item 10.1:

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 11: Emission Point Definition By Emission Unit
Effective between the dates of 07/10/2000 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 201-5

Item 11.1:

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

Emission Unit: 0-0MAIN

Emission Point: 00001

Height (ft.): 38

Diameter (in.): 24

Building: 23

Emission Point: 00002

Height (ft.): 38

Diameter (in.): 24

Building: 23

Emission Point: 00003

Height (ft.): 38

Diameter (in.): 24

Building: 23

**Condition 12: Process Definition By Emission Unit
Effective between the dates of 07/10/2000 and Permit Expiration Date**

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Applicable State Requirement: 6NYCRR 201-5

Item 12.1:

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

Emission Unit: 0-0MAIN

Process: GAS

Source Classification Code: 1-02-006-02

Process Description: THE THREE POWERHOUSE BOILERS BURN NATURAL GAS.

Emission Source/Control: 00B01 - Combustion

Design Capacity: 16.74 million Btu per hour

Emission Source/Control: 00B02 - Combustion

Design Capacity: 16.74 million Btu per hour

Emission Source/Control: 00B03 - Combustion

Design Capacity: 10.46 million Btu per hour

Item 12.2:

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

Emission Unit: 0-0MAIN

Process: OIL

Source Classification Code: 1-02-005-01

Process Description: THE THREE POWERHOUSE BOILERS BURN NO.2 FUEL OIL.

Emission Source/Control: 00B01 - Combustion

Design Capacity: 16.74 million Btu per hour

Emission Source/Control: 00B02 - Combustion

Design Capacity: 16.74 million Btu per hour

Emission Source/Control: 00B03 - Combustion

Design Capacity: 10.46 million Btu per hour

Item 12.3:

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

Emission Unit: 0--CDRP

Process: EME

Source Classification Code: 2-01-001-02

Process Description: Operation of the emergency gnererators.

Emission Source/Control: CDRP1 - Combustion

Emission Source/Control: CDRP2 - Combustion