

New York State Department of Environmental Conservation
Facility DEC ID: 3334600075



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 3-3346-00075/00008
Mod 0 Effective Date: 09/08/2006 Expiration Date: 09/06/2011

Mod 1 Effective Date: Expiration Date:

Permit Issued To: DYNEGY NORTHEAST GENERATION
992 RIVER RD
NEWBURGH, NY 12550

Contact: ANDREW MATURA
DYNEGY NORTHEAST GENERATION
992 RIVER RD
NEWBURGH, NY 12550

Facility: ROSETON GENERATING STATION
992 RIVER RD
NEWBURGH, NY 12550

Description:
THE PURPOSE OF THIS APPLICATION IS TO MODIFY DYNEGY NORTHEAST GENERATION'S (DYNEGY'S) EXISTING TITLE V PERMIT TO INCLUDE A NEW AUXILIARY BOILER AND REMOVE AN EXISTING AUXILIARY BOILER.

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: KENNETH R GRZYB
NYSDEC REGION 3
21 SOUTH PUTT CORNERS RD
NEW PALTZ, NY 12561

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers

Applications for Permit Renewals and Modifications

Permit modifications, suspensions or revocations by the Department

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 3

HEADQUARTERS

Submission of application for permit modification or renewal-REGION 3

HEADQUARTERS



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

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:



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

Condition 4: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 4.1:

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 4.2:

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 4.3:

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

Item 5.1:

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

Item 6.1:

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;

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- 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 7: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.5(a)

Item 7.1:

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

NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

Condition 8: Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 8.1:

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

NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: DYNEGY NORTHEAST GENERATION

992 RIVER RD

NEWBURGH, NY 12550

Facility:

ROSETON GENERATING STATION

992 RIVER RD

NEWBURGH, NY 12550

Authorized Activity By Standard Industrial Classification Code:

4911 - ELECTRIC SERVICES

Permit Effective Date:

Permit Expiration Date:



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 24 6NYCRR 201-6: Emission Unit Definition

Emission Unit Level

- 46 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 47 6NYCRR 201-6: Process Definition By Emission Unit
- 1-2 6NYCRR 201-7: Emission Unit Permissible Emissions

EU=U-R000A

- *1-3 6NYCRR 201-7: Capping Monitoring Condition
- 1-4 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification

EU=U-R000A,Proc=RAG

- 1-5 40CFR 60.40c(a), NSPS Subpart Dc: Compliance Certification

EU=U-R000A,Proc=RAG,ES=SR01A

- 1-6 6NYCRR 227-2.4(c)(2): Compliance Certification

EU=U-R000A,EP=0001A,Proc=RAG,ES=SR01A

- 1-7 6NYCRR 227-1.3(a): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 56 ECL 19-0301: Contaminant List

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

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

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

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

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

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



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Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

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

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

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

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

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

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

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

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

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

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in

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order to maintain compliance with the conditions of this permit.

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

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

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

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

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

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

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

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Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

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

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

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

**Condition 1-1: Prohibition of Reintroduction of Collected Contaminants to the air
Effective for entire length of Permit**



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Applicable Federal Requirement: 6NYCRR 201-1.8

Replaces Condition(s) 12

Item 1-1.1:

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

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

Effective between the dates of 09/08/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-1.8

Replaced by Condition(s) 1-1

Item 12.1:

No person shall 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.

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

Condition 24: Emission Unit Definition

Effective between the dates of 09/08/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6

Item 24.1(From Mod 1):

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

Emission Unit: U-R000A

Emission Unit Description:

AN AUXILIARY BOILER USED TO SUPPLY STEAM HEAT TO THE FACILITY WHEN UNITS #1 AND #2 ARE OFF-LINE. THE UNIT IS CAPABLE OF FIRING NATURAL GAS ONLY. IN ADDITION TO THE MAIN FACILITY, THE UNIT SUPPLIES STEAM TO THE TRANSFER PUMP HOUSE, THE SERVICE BUILDING, DAY AND DUTY TANKS, AND STEAM TRACING FOR FUEL LINES.

Building(s): ROSE_AUX



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Item 24.2(From Mod 0):

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

Emission Unit: U-R0001

Emission Unit Description:

ROSETON UNIT #1 IS A 600 MW COMBUSTION ENGINEERING TANGENTIALLY FIRED STEAM GENERATING BOILER. THE UNIT BEGAN COMMERCIAL OPERATION IN DECEMBER 1974 AND WAS MODIFIED IN MAY 1992 TO ENABLE THE UNIT TO CO-FIRE OR EXCLUSIVELY FIRE NATURAL GAS.

Building(s): ROSE1

Item 24.3(From Mod 0):

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

Emission Unit: U-R0002

Emission Unit Description:

ROSETON UNIT #2 IS A 600 MW COMBUSTION ENGINEERING TANGENTIALLY-FIRED STEAM GENERATING BOILER. THE UNIT BEGAN COMMERCIAL OPERATION IN 09/74 AND WAS MODIFIED IN 12/91 TO ENABLE THE UNIT TO CO-FIRE OR EXCLUSIVELY FIRE NATURAL GAS.

Building(s): ROSE2

Item 24.4(From Mod 0):

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

Emission Unit: U-R000W

Emission Unit Description:

SLUDGE FROM SETTLING BASINS IS TRANSPORTED TO THE STORAGE FACILITY, DRIED AT AMBIENT TEMPERATURES, STORED, AND TRANSFERRED OFF-SITE FOR BENEFICIAL USE.

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

**Condition 46: Emission Point Definition By Emission Unit
Effective between the dates of 09/08/2006 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 201-6

Item 46.1(From Mod 1):

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

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Emission Unit: U-R000A

Emission Point: 0001A

Height (ft.): 40

Diameter (in.): 45

Building: ROSE_AUX

Item 46.2(From Mod 0):

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

Emission Unit: U-R0001

Emission Point: 00001

Height (ft.): 260

Diameter (in.): 276

NYTMN (km.): 4602.75 NYTME (km.): 585.473 Building: ROSE1

Item 46.3(From Mod 0):

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

Emission Unit: U-R0002

Emission Point: 00002

Height (ft.): 260

Diameter (in.): 276

NYTMN (km.): 4602.734 NYTME (km.): 585.42 Building: ROSE2

Item 46.4(From Mod 0):

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

Emission Unit: U-R000A

Emission Point: 0000A

Height (ft.): 21

Diameter (in.): 32

NYTMN (km.): 4602.683 NYTME (km.): 585.388

Condition 47: Process Definition By Emission Unit

Effective between the dates of 09/08/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-6

Item 47.1(From Mod 1):

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

Emission Unit: U-R000A

Process: RAG

Source Classification Code: 1-02-006-01

Process Description: THE COMBUSTION OF NATURAL GAS.

Emission Source/Control: SR00A - Combustion



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Design Capacity: 40.2 million Btu per hour

Emission Source/Control: SR01A - Combustion

Design Capacity: 99.78 million Btu per hour

Item 47.2(From Mod 0):

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

Emission Unit: U-R0001

Process: R10

Source Classification Code: 1-01-004-01

Process Description:

THE COMBUSTION OF NO. 6 OIL. THE HEAT INPUT OF THE BOILER IS RATED AT 7927 MMBTU/HR FOR NO. 6 OIL FIRING. PARTICULATE EMISSIONS ARE CONTROLLED BY A MECHANICAL DUST COLLECTOR; EMISSIONS OF NOX ARE REDUCED THROUGH A COMBINATION OF FUEL OIL STEAM ATOMIZATION, "BURNERS OUT OF SERVICE" (BOOS), AND/OR WINDBOX FLUE GAS RECIRCULATION.

Emission Source/Control: SR001 - Combustion

Emission Source/Control: CR001 - Control

Control Type: DYNAMIC SEPARATOR (DRY)

Item 47.3(From Mod 0):

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

Emission Unit: U-R0001

Process: R1G

Source Classification Code: 1-01-006-01

Process Description:

THE COMBUSTION OF NATURAL GAS. THE HEAT INPUT OF THE BOILER IS RATED AT 5985 MMBTU/HR FOR NATURAL GAS FIRING. PARTICULATE EMISSIONS ARE CONTROLLED BY A MECHANICAL DUST COLLECTOR; EMISSIONS OF NOX ARE REDUCED THROUGH THE USE OF "BURNERS OUT OF SERVICE" (BOOS) AND/OR WINDBOX FLUE GAS RECIRCULATION.

Emission Source/Control: SR001 - Combustion

Emission Source/Control: CR001 - Control

Control Type: DYNAMIC SEPARATOR (DRY)

Item 47.4(From Mod 0):



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

Emission Unit: U-R0002

Process: R20

Source Classification Code: 1-01-004-01

Process Description:

THE COMBUSTION OF NO. 6 OIL. THE HEAT INPUT OF THE BOILER IS RATED AT 7691 MMBTU/HR FOR NO. 6 OIL FIRING. PARTICULATE EMISSIONS ARE CONTROLLED BY A MECHANICAL DUST COLLECTOR; EMISSIONS OF NOX ARE REDUCED THROUGH A COMBINATION OF FUEL OIL STEAM ATOMIZATION, "BURNERS OUT OF SERVICE" (BOOS), AND WINDBOX FLUE GAS RECIRCULATION.

Emission Source/Control: SR002 - Combustion

Emission Source/Control: CR002 - Control

Control Type: DYNAMIC SEPARATOR (DRY)

Item 47.5(From Mod 0):

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

Emission Unit: U-R0002

Process: R2G

Source Classification Code: 1-01-006-01

Process Description:

THE COMBUSTION OF NATURAL GAS. THE HEAT INPUT OF THE BOILER IS RATED AT 6597 MMBTU/HR FOR NATURAL GAS FIRING. PARTICULATE EMISSIONS ARE CONTROLLED BY A MECHANICAL DUST COLLECTOR, EMISSIONS OF NOX ARE REDUCED THROUGH THE USE OF "BURNERS OUT OF SERVICE" (BOOS) AND WINDBOX FLUE GAS RECIRCULATION.

Emission Source/Control: SR002 - Combustion

Emission Source/Control: CR002 - Control

Control Type: DYNAMIC SEPARATOR (DRY)

Item 47.6(From Mod 0):

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

Emission Unit: U-R000A

Process: RAO

Source Classification Code: 1-02-005-01

Process Description:

THE COMBUSTION OF NO. 2 OIL. THE HEAT

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INPUT OF THE BOILER IS RATED AT 38.6
MMBTU/HR FOR OIL FIRING. NO EMISSION
CONTROLS ARE INSTALLED.

Emission Source/Control: SR00A - Combustion

Item 47.7(From Mod 0):

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

Emission Unit: U-R000W

Process: RWW

Source Classification Code: 5-01-007-01

Process Description:

SLUDGE FROM WATER TREATMENT SETTLING
BASINS IS DRIED AT AMBIENT TEMPERATURE AND
STORED. THIS MATERIAL IS LOADED INTO
TRUCKS AND HAULED OFF-SITE FOR BENEFICIAL
REUSE.

Emission Source/Control: SR00W - Process

**Condition 1-2: Emission Unit Permissible Emissions
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-2.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: U-R000A

CAS No: 0NY210000 (From Mod 1)

Name: OXIDES OF NITROGEN

PTE(s): 70,000 pounds per year

**Condition 1-3: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-3.1:

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 231-2



New York State Department of Environmental Conservation

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Item 1-3.2:

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

Item 1-3.3:

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 1-3.4:

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 1-3.5:

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 1-3.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-R000A

Regulated Contaminant(s):

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

Item 1-3.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

NOX EMISSIONS FROM THIS EMISSION UNIT SHALL NOT EXCEED 35 TONS PER YEAR ON A 12-MONTH ROLLING BASIS BY LIMITING BOILER OPERATION TO 7,000 HOURS PER YEAR. FUEL USAGE AND OPERATING HOURS SHALL BE RECORDED MONTHLY.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 7000 hours per year

Monitoring Frequency: MONTHLY



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Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 1-4: Compliance Certification
Effective for entire length of Permit

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

Item 1-4.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-R000A

Item 1-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

the owner or operator of an affected facility that combusts only natural gas may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

Monitoring Frequency: MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 1-5: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.40c(a), NSPS Subpart Dc

Item 1-5.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-R000A

Process: RAG

Item 1-5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility shall



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submit notification of the date of construction or reconstruction and actual startup, as provided by §60.7 of this part. This notification shall include:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-6: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 227-2.4(c)(2)

Item 1-6.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-R000A

Process: RAG Emission Source: SR01A

Regulated Contaminant(s):

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

Item 1-6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NO_x emission limits for midsize boilers, where stacking testing is required for compliance. The owner or operator must submit a stack test protocol to the Department for approval prior to testing. The owner or operator shall submit stack test results, to the Department for approval, within 60 days of stack test completion.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 7, 7E or 19 from 40CFR 60

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-7: Compliance Certification

New York State Department of Environmental Conservation

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Facility DEC ID: 3334600075



Effective for entire length of Permit

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

Item 1-7.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-R000A Emission Point: 0001A
Process: RAG Emission Source: SR01A

Item 1-7.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to 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

Reference Test Method: Method 9

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 56: Contaminant List
Effective between the dates of 09/08/2006 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 56.1:

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

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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