



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6304-01378/00002
Mod 0 Effective Date: 05/14/2009 Expiration Date: 05/13/2014
Mod 1 Effective Date: 03/20/2012 Expiration Date: 05/13/2014

Permit Issued To: CONSOLIDATED EDISON COMPANY OF NEW YORK INC
4 IRVING PL
NEW YORK, NY 10003-3502

Contact: FEMI OGUNSOLA
CONSOLIDATED EDISON CO OF NY INC
4 IRVING PL - 15FL NE
NEW YORK, NY 10003-3502
(212) 460-1223

Facility: RAVENSWOOD STEAM PLANT
38-54 VERNON BLVD
LONG ISLAND CITY, NY 11101

Contact: FEMI OGUNSOLA
CONSOLIDATED EDISON CO OF NY INC
4 IRVING PL - 15FL NE
NEW YORK, NY 10003-3502
(212) 460-1223

Description:
This facility consisting of four (4) steam boilers ducted through two stacks. An emergency generator is available to supply electricity in the event of a power failure. No. 6 residual oil and natural gas are the primary fuels used at this facility.

This modification is being done to incorporate emission limits for NO_x, SO₂ and PM₁₀ under 6 NYCRR Part 249 based on the Best Available Retrofit Technology(BART) Regulations.

New York State Department of Environmental Conservation
Facility DEC ID: 2630401378



By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: JOHN F CRYAN
 NYSDEC
 47-40 21ST ST
 LONG ISLAND CITY, NY 11101-5407

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
 - Permit modifications, suspensions or revocations by the Department
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal -
REGION 2 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: 6 NYCRR 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:

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 to the Department for review and approval.



Condition 1-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:

The Department reserves the right to exercise all available authority 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 or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

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 application for permit modification or renewal - REGION 2 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 492-4007



New York State Department of Environmental Conservation

Permit ID: 2-6304-01378/00002

Facility DEC ID: 2630401378



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: CONSOLIDATED EDISON COMPANY OF NEW YORK INC
4 IRVING PL
NEW YORK, NY 10003-3502

Facility: RAVENSWOOD STEAM PLANT
38-54 VERNON BLVD
LONG ISLAND CITY, NY 11101

Authorized Activity By Standard Industrial Classification Code:
4961 - STEAM SUPPLY

Mod 0 Permit Effective Date: 05/14/2009

Permit Expiration Date: 05/13/2014

Mod 1 Permit Effective Date: 03/20/2012

Permit Expiration Date: 05/13/2014



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 1-1 6 NYCRR 201-6.5 (a) (7): Fees
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR Part 215: Open Fires Prohibited at Industrial and Commercial Sites
- 1-2 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 1-3 6 NYCRR 202-1.1: Required Emissions Tests
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 6 NYCRR 211.3: Visible Emissions Limited
- 21 40 CFR Part 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 201-6.5 (c) (3): Compliance Certification
- 25 6 NYCRR 202-1.1: Required Emissions Tests - Facility Level
- 35 6 NYCRR Part 207: Submittal of Episode Action Plans
- 1-4 6 NYCRR 211.1: Air pollution prohibited
- 36 6 NYCRR 225-1.8: Compliance Certification
- 37 6 NYCRR 225-1.8 (d): Sampling, compositing, and analysis of fuel samples
- 38 6 NYCRR 225.1 (a) (3): Compliance Certification
- 39 6 NYCRR 227-1.3: Compliance Certification

Emission Unit Level

- 41 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 42 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=U-BLR13,Proc=P13

- 1-5 6 NYCRR 227-1.2 (a) (1): Compliance Certification

EU=U-BLR13,Proc=P13,ES=ESAH1



43 6 NYCRR 227-2.4 (d): Compliance Certification

EU=U-BLR13,Proc=P13,ES=ESAH3

44 6 NYCRR 227-2.4 (d): Compliance Certification

EU=U-BLR13,EP=00001

45 6 NYCRR 227-1.3 (a): Compliance Certification

46 6 NYCRR 227-1.4 (b): Compliance Certification

47 6 NYCRR 227-2.6 (a) (1): Testing, monitoring, and reporting requirements for very large boilers.

EU=U-BLR24

1-6 6 NYCRR 249.3 (a): Compliance Certification

1-7 6 NYCRR 249.3 (a): Compliance Certification

1-8 6 NYCRR 249.3 (a): Compliance Certification

EU=U-BLR24,Proc=P17

1-9 6 NYCRR 227-1.2 (a) (1): Compliance Certification

EU=U-BLR24,Proc=P17,ES=ESAH2

49 6 NYCRR 227-2.4 (d): Compliance Certification

1-10 6 NYCRR 249.3 (d): Compliance Certification

1-11 6 NYCRR 249.3 (f): Compliance Certification

EU=U-BLR24,Proc=P17,ES=ESAH4

50 6 NYCRR 227-2.4 (d): Compliance Certification

EU=U-BLR24,Proc=P18,ES=ESAH2

1-12 6 NYCRR 249.3 (d): Compliance Certification

1-13 6 NYCRR 249.3 (f): Compliance Certification

EU=U-BLR24,EP=00002

51 6 NYCRR 227-1.3 (a): Compliance Certification

52 6 NYCRR 227-1.4 (b): Compliance Certification

53 6 NYCRR 227-2.6 (a) (1): Testing, monitoring, and reporting requirements for very large boilers.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

55 ECL 19-0301: Contaminant List

1-14 6 NYCRR 201-1.4: Unavoidable noncompliance and violations

56 6 NYCRR 201-1.4: Unavoidable noncompliance and violations

57 6 NYCRR 211.2: Air pollution prohibited

1-15 6 NYCRR 211.2: Visible Emissions Limited

1-16 6 NYCRR 227-2.5 (b): Compliance Demonstration

Emission Unit Level

EU=U-BLR13,EP=00001

58 6 NYCRR 227-1.4 (a): Compliance Demonstration



EU=U-BLR24,EP=00002

59 6 NYCRR 227-1.4 (a): Compliance Demonstration



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 - 6 NYCRR 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 - 6 NYCRR 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 Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR 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 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 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 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 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 - 6 NYCRR 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 order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR 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 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 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 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 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 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 AT ALL TIMES**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 1-1: Fees
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (7)

Item 1-1.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 2: Fees
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (7)

Item 2.1:

New York State Department of Environmental Conservation

Permit ID: 2-6304-01378/00002

Facility DEC ID: 2630401378



The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

**Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 05/14/2009 and 05/13/2014**

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

Item 3.1:

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

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

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

**Condition 4: Monitoring, Related Recordkeeping, and Reporting
Requirements.
Effective between the dates of 05/14/2009 and 05/13/2014**

Applicable Federal Requirement:6 NYCRR 201-6.5 (c) (2)

Item 4.1:

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

**Condition 5: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014**

Applicable Federal Requirement:6 NYCRR 201-6.5 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.



Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.



If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. 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. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above



referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

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 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is

New York State Department of Environmental Conservation

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required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

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

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

The address for the RAPCE is as follows:

Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

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Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR Part 215

Item 9.1:

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

Condition 1-2: Open Fires - Prohibitions
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 215.2

Item 1-2.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 1-2.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter



and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.

- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**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 10: Maintenance of Equipment
Effective between the dates of 05/14/2009 and 05/13/2014**

Applicable Federal Requirement: 6 NYCRR 200.7



Item 10.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 13.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. 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 this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart.

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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 this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (4)

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-6.5 (a) (8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

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

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

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-6.5 (d) (5)

Item 17.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by



the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 1-3: Required Emissions Tests
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 1-3.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 19: Required Emissions Tests
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 19.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air

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contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 211.3

Item 20.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 21: Accidental release provisions.
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:40 CFR Part 68

Item 21.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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



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

Condition 23: Emission Unit Definition
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1(From Mod 1):

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

Emission Unit: U-BLR13

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF TWO FACE FIRED BOILER THAT GENERATES STEAM FOR COMMERCIAL, INSTITUTIONAL AND FOR RESIDENTIAL USE. BOILERS ESAH1 AND ESAH3 SHARE A COMMON STACK 00001. THE BOILERS IN THIS UNIT ARE NOX BUDGET UNITS.

Building(s): BOILERHS

Item 23.2(From Mod 1):

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

Emission Unit: U-BLR24

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF TWO FACE FIRED BOILER THAT GENERATES STEAM FOR COMMERCIAL, INSITUTIONAL AND FOR RESIDENTIAL USE. BOILERS ESAH2 AND ESAH4 SHARE A COMMON STACK 00002. THE BOILERS IN THIS UNIT ARE NOX BUDGET UNITS.

Building(s): BOILERHS

Condition 24: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 201-6.5 (c) (3)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:



Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

Condition 25: Required Emissions Tests - Facility Level
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 25.1:

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Condition 35: Submittal of Episode Action Plans



Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR Part 207

Item 35.1:

An episode action plan must be submitted for approval by the Department in accordance with the requirements of 6NYCRR Part 207. The plan shall contain detailed steps which will be taken by the facility to reduce air contaminant emissions during each stage of an air pollution episode. Once approved, the facility shall take whatever actions are prescribed by the episode action plan when an air pollution episode is in effect.

Condition 1-4: Air pollution prohibited

Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 211.1

Item 1-4.1:

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 36: Compliance Certification

Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 225-1.8

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a facility which purchases and fires 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 6NYCRR Part 225-1. These reports are due sixty (60) days after every six (6) calendar months (January - June, July - December).

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Sampling, compositing, and analysis of fuel samples



Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 225-1.8 (d)

Item 37.1:

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

Condition 38: Compliance Certification

Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 225.1 (a) (3)

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification 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 residual oil which has sulfur content greater than 0.30 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 6 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.30 percent by weight

Reference Test Method: epa approved

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: MONTHLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 6/30/2009.

Subsequent reports are due every 1 calendar month(s).

Condition 39: Compliance Certification

Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In response to New York State Department of Environmental Conservation opacity regulations, Con Edison installed and certified Lear Siegler RM41 transmissometers on applicable Fossil Power stacks during the early 1980s. In 1994 and 1995, as part of Con Edison's Continuous Emissions Monitoring System (CEMS) program, existing equipment at all facilities was replaced with new state-of-the-art Land Model 4500 units. New recorders were installed and digital opacity indicators were placed in control rooms so that Station operators would have real-time opacity readings. Con-Edison's opacity monitors shall be operated and maintained in accordance with the requirements of 40 CFR Part 75.

1. Opacity Incident Reporting:

Con Edison shall prepare opacity incident reports consistent with the requirements of this paragraph. The term opacity incident as used in this condition means smoke emissions which exhibit greater than 20% opacity (6-minute average).

Opacity incident report shall be maintained by Con Edison for a period of three years and shall be made available for inspection by the Department on demand. To provide a consistent and permanent record of all reportable opacity events, incident reporting was initiated in 1994. The reports consist of documenting incident events by way of Incident Reports in Con Edison's Central information database system. Incident Reports identify personnel on duty, a brief summary of the incident and as necessary a sequence of events, a preliminary cause analysis and associated corrective action requirements. All opacity Incident Reports are available electronically to cognizant Con Edison departments and personnel for their information, review and use. Incident Reports form the basis for more detailed root cause analysis, corrective actions, design modifications and project/program development and implementation.

2. Opacity Reporting Compliance Audits:

Con Edison shall conduct monthly opacity reporting compliance audits consistent with the requirements of this paragraph. Monthly opacity reporting compliance audits have been performed since April, 1994 and shall continue to be performed to ensure compliance with applicable



regulatory reporting requirements. Audits include a detailed review of all opacity charts or recording device data for the prior month, confirmation that all indicated events were properly reported and documented, charts properly marked, survey sheets completed and all documentation retained. Comprehensive audit reports shall continue to be prepared to identify all relevant observations. Items tabulated include missing chart hours and survey sheets, events greater than 20% opacity, events greater than 40% opacity, total incidents, incidents reported and events covered by Incident Reports.

3. Awareness, Communications and Training:

Con Edison shall comply with the opacity awareness, communications and training provisions of this paragraph. Several significant initiatives have been undertaken to ensure and reinforce personnel understanding of the regulatory and operational requirements associated with this opacity. Awareness has been heightened by consistently and effectively communicating mandates throughout all levels of Con Edison's Steam Operations organization. Opacity audit results, significant or unusual exceedances, trends, goals, new developments and/or opacity reduction initiatives shall be included as agenda items, when appropriate, at a variety of meetings, including the monthly meeting of the Steam Operations Vice President with the Plant Managers, the Steam Operations Program Managers Meeting, and/or the Operations and Maintenance Managers Meeting in order to promote continuing improvement in opacity awareness and compliance. Some of the opacity exceedances will be included in the review and discussion agenda of each monthly Incident Report Review Meeting, which is attended by key Steam Operations managers from each station, as well as EH&S and Central Engineering personnel.

At the local generating station level, opacity understanding and awareness shall be communicated on an ongoing basis from station management to supervisory and operating and maintenance personnel. Such communications shall be reinforced by operator interaction with personnel assigned as Opacity Auditors. Formal operator training is required of all personnel in order to receive their Air Pollution Control Certificates. A formal Air Pollution Control Refresher Course has been developed by the Company and shall be given to all control room operators by December 1998. It shall provide training in opacity regulatory requirements, fundamentals of combustion, and the balance between NO_x control and opacity and continuous emissions monitoring interface.



4. Preventive Maintenance:

Con Edison shall conduct, on an ongoing basis, a preventive maintenance program as described in this paragraph. Review of opacity-related Incident Reports by Con Edison has identified equipment deficiencies, both in design and maintenance. The consistent and repetitive nature of maintenance-related deficiencies has indicated the need for a comprehensive boiler component opacity reduction preventive maintenance program. The program has been fully operational since mid-1996. It consists of three phases defined as follows:

Phase 1 - identify essential program elements including repetitive deficiencies;

Phase 2 - develop procedures for each identified element;

Phase 3 - consists of ongoing implementation of preventive maintenance.

The primary elements of Con Edison's ongoing preventive maintenance program for opacity reductions consist of regular inspection, calibration, and/or servicing of the following equipment in each of the generating stations:

- CEMS stack opacity monitoring equipment;
- Boiler control and instrumentation;
- Fuel oil and gas meters;
- Fuel oil pumps and strainers;
- Boiler fireside tubes (to minimize ash build-up);
- Air preheaters (to minimize ash build-up);
- Control-air air compressors;
- Fuel oil regulators;
- Atomizing steam regulators;
- Fan dampers and actuators; and
- Oil guns and tips.

This program may be revised by adding appropriate new maintenance requirements and deleting ineffective or obsolete maintenance activities based on operating experience or changes in equipment operation. The Department shall be notified of all significant additions and deletions to the preventive maintenance program via Con Edison's quarterly report to the Department.

5. Root Cause Analysis and Corrective Actions:

Con Edison shall conduct root cause analyses as described in this paragraph and shall take all corrective actions that are deemed necessary to maintain full compliance with



the State's opacity requirements. A comprehensive Root Cause Analysis program, including deficiency categorization and correction of categorized deficiencies was implemented in April 1995. Incident categories include oil, air, atomizing steam, ignition, burner and combustion control system deficiencies. Analysis, categorization and corrective action development shall be performed monthly by the facility's Boiler System Engineer and other station personnel. Corrections due to equipment failure, malfunction and marginal design shall be accomplished by corrective maintenance and simple design basis enhancement activities. Correction of operation deviations include focused training, minimized soot blowing and increased boiler fireside washes. Significant design basis deficiencies shall be corrected by the development and implementation of design basis enhancement projects, including, but not limited to, fuel switching and ignition and control system retrofits.

6. Quarterly Reports:

Con Edison shall submit to the Department quarterly reports each May 15, August 15, November 15 and February 15, which describe activities and progress that Con Edison has made during the preceding quarter in carrying out the requirements of paragraphs 1 through 5 above in this condition. Penalties will not be assessed for excess opacity emission events attributable solely to equipment malfunctions or boiler start-ups or shut-downs, (as those terms are defined in 40 CFR § 60.2); provided that, Con Edison identifies those events in its quarterly excess emission reports, certifies that the events were not preventable and the Department does not dispute Con Edison's claim that such events were not preventable. When requested by the Department, Con Edison shall make available to the Department any incident reports and root cause analysis that it prepared for such events. Con Edison shall expressly identify in its quarterly excess emission reports instances of excess opacity attributable to soot blowing, operator error, or careless operation of properly functioning equipment.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



**** Emission Unit Level ****

Condition 41: Emission Point Definition By Emission Unit
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 41.1(From Mod 1):

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

Emission Unit: U-BLR24

Emission Point: 00002

Height (ft.): 150

Diameter (in.): 133

NYTMN (km.): 4512.63

NYTME (km.): 589.031

Building: BOILERHS

Item 41.2(From Mod 0):

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

Emission Unit: U-BLR13

Emission Point: 00001

Height (ft.): 150

Diameter (in.): 133

NYTMN (km.): 4512.709

NYTME (km.): 589.04

Building: BOILERHS

Condition 42: Process Definition By Emission Unit
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 42.1(From Mod 1):

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

Emission Unit: U-BLR13

Process: P13

Source Classification Code: 1-03-004-01

Process Description:

THIS PROCESS IS THE COMBUSTION OF NO. 6
RESIDUAL OIL IN A FACE FIRED STEAM
GENERATING BOILER.

THE FACILITY MAY USE BIO RESIDUAL FUEL
WHICH IS EQUIVALENT IN ALL RESPECT TO
RESIDUAL FUEL OIL. THIS SHALL NOT RESULT IN
INCREASE IN EMISSIONS IN ANY RESPECT.

Emission Source/Control: ESAH1 - Combustion

Design Capacity: 424 million Btu per hour

Emission Source/Control: ESAH3 - Combustion

Design Capacity: 424 million Btu per hour



Item 42.2(From Mod 1):

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

Emission Unit: U-BLR13
Process: P14 Source Classification Code: 1-03-006-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A FACE FIRED STEAM
GENERATING BOILER.

Emission Source/Control: ESAH1 - Combustion
Design Capacity: 424 million Btu per hour

Emission Source/Control: ESAH3 - Combustion
Design Capacity: 424 million Btu per hour

Item 42.3(From Mod 1):

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

Emission Unit: U-BLR24
Process: P17 Source Classification Code: 1-03-004-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF NO. 6
RESIDUAL OIL IN A FACE FIRED STEAM
GENERATING BOILER.

THE FACILITY MAY USE BIO RESIDUAL FUEL
WHICH IS EQUIVALENT IN ALL RESPECT TO
RESIDUAL FUEL OIL. THIS SHALL NOT RESULT IN
INCREASE IN EMISSIONS IN ANY RESPECT.

Emission Source/Control: ESAH2 - Combustion
Design Capacity: 424 million Btu per hour

Emission Source/Control: ESAH4 - Combustion
Design Capacity: 424 million Btu per hour

Item 42.4(From Mod 1):

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

Emission Unit: U-BLR24
Process: P18 Source Classification Code: 1-03-006-01
Process Description:
THIS PROCESS IS THE COMBUSTION OF PIPELINE
NATURAL GAS IN A FACE FIRED STEAM
GENERATING BOILER.

Emission Source/Control: ESAH2 - Combustion
Design Capacity: 424 million Btu per hour

Emission Source/Control: ESAH4 - Combustion
Design Capacity: 424 million Btu per hour



Condition 1-5: Compliance Certification
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 227-1.2 (a) (1)

Item 1-5.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR13
Process: P13

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

Item 1-5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for stationary installation firing oil. The owner/operator shall complete the following once every five years.

- 1) Submit the Department an acceptable protocol for testing of particulate emission cited in this condition.
- 2) Perform a stack test, based on the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) All records shall be maintained for a minimum of 5 years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: EPA approved
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014

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

New York State Department of Environmental Conservation

Permit ID: 2-6304-01378/00002

Facility DEC ID: 2630401378



Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR13

Process: P13

Emission Source: ESAH1

Item 43.2:

Compliance Certification 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 7/30/2009.

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

Condition 44: Compliance Certification

Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR13

Process: P13

Emission Source: ESAH3

Item 44.2:

Compliance Certification 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 7/30/2009.

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



Condition 45: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR13 Emission Point: 00001

Item 45.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 8/29/2009.

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

Condition 46: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 227-1.4 (b)

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR13 Emission Point: 00001

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity monitoring system (COMS) shall include the following in their quarterly excess emission reports:



- 1) Magnitude, date, and time of each exceedence;
- 2) For each period of excess emissions, specific identification of the cause and corrective action taken;
- 3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;
- 4) Total time the COMS is required to record data during the reporting period;
- 5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and
- 6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 8/29/2009.
Subsequent reports are due every 3 calendar month(s).

Condition 47: Testing, monitoring, and reporting requirements for very large boilers.

Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 227-2.6 (a) (1)

Item 47.1:

This Condition applies to Emission Unit: U-BLR13 Emission Point: 00001

Item 47.2:

The owner/operator shall measure NO_x emissions with a continuous emissions monitoring system (CEMS) as described in 6NYCRR 227-2.6(b).

Condition 1-6: Compliance Certification

Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 249.3 (a)

Item 1-6.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

New York State Department of Environmental Conservation

Permit ID: 2-6304-01378/00002

Facility DEC ID: 2630401378



Item 1-6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition is necessary to ensure compliance with the BART requirements under EPA's Regional Haze Program. This condition applies to the boiler ESAH2.

Particulate matter(PM) emissions of the boiler ESAH2 is limited to 0.1 lbs/mmbtu.

The facility shall record the boiler consumption of natural gas and residual oil a daily basis. The compliance of the PM emission limit during oil firing shall be verified by performing stack test, using department approved methods, once during the permit term, and for natural gas, by using AP 42 emission factors.

The compliance deadline, with the emission limitation listed in this condition is January 1, 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on January 1, 2014.

Reference Test Method: EPA approved

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 7/30/2012.

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

Condition 1-7: Compliance Certification

Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 249.3 (a)

Item 1-7.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 1-7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 2-6304-01378/00002

Facility DEC ID: 2630401378



This condition is necessary to ensure compliance with the BART requirements under EPA's Regional Haze Program. This condition applies to the boiler ESAH2.

Sulfur content of residual oil used in the boiler shall not be greater 0.30 percent by weight. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years.

Facility shall record the usage of natural gas and residual oil in these boilers. All records shall be kept at the facility for a minimum of five years, and must be available to NYSDEC upon request.

The compliance deadline, with the emission limitation listed in this condition is January 1, 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on January 1, 2014.

Reference Test Method: EPA approved
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 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 1-8: Compliance Certification
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 249.3 (a)

Item 1-8.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

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

Item 1-8.2:
Compliance Certification shall include the following monitoring:

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

This condition is necessary to ensure compliance with the BART requirements under EPA's Regional Haze Program. This condition applies to the boiler ESAH2 under the emission unit U-BLR24, burning residual oil and natural gas.



The average NO_x emission from this unit shall not be greater than 0.32 lbs/mmbtu.

All the records shall be kept at the facility for a minimum of five years, and must be available to NYSDEC upon request.

The compliance deadline, with the emission limitation listed in this condition is January 1, 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on January 1, 2014.

Manufacturer Name/Model Number: CEM
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: .32 pounds per million Btus
Reference Test Method: EPA approved
Monitoring Frequency: CONTINUOUS
Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 1-9: Compliance Certification
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement: 6 NYCRR 227-1.2 (a) (1)

Item 1-9.1:
The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24
Process: P17

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

Item 1-9.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Particulate emission limit for stationary installation firing oil. The owner/operator shall complete the following once every five years.

- 1) Submit the Department an acceptable protocol for testing of particulate emission cited in this condition.
- 2) Perform a stack test, based on the approved test

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protocol, to determine compliance with the particulate emission limit cited in this condition.

3) All records shall be maintained for a minimum of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA approved

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 49: Compliance Certification

Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Process: P17

Emission Source: ESAH2

Item 49.2:

Compliance Certification 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 7/30/2009.

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

Condition 1-10: Compliance Certification

Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 249.3 (d)

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Item 1-10.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Process: P17

Emission Source: ESAH2

Item 1-10.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Control equipment or other emission reduction methods approved by the department as BART must be installed and operating no later than January 1, 2014.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-11: Compliance Certification

Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement: 6 NYCRR 249.3 (f)

Item 1-11.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Process: P17

Emission Source: ESAH2

Item 1-11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emission limits in this permit for NO_x, SO₂, and/or PM₁₀ established under Part 249 are based on New York's Best Available Retrofit Technology (BART) Rule (6 NYCRR Part 249), are effective on the date of this permit's issuance, and are state-enforceable. Federal enforceability of these facility-specific requirements is effective on the date on which these emission limits, as submitted to EPA as a revision to New York State's Implementation Plan for Regional Haze, are published in the Federal Register.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 50: Compliance Certification

New York State Department of Environmental Conservation

Permit ID: 2-6304-01378/00002

Facility DEC ID: 2630401378



Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Process: P17

Emission Source: ESAH4

Item 50.2:

Compliance Certification 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 7/30/2009.

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

Condition 1-12: Compliance Certification

Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 249.3 (d)

Item 1-12.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Process: P18

Emission Source: ESAH2

Item 1-12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Control equipment or other emission reduction methods approved by the department as BART must be installed and operating no later than January 1, 2014.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-13: Compliance Certification

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Permit ID: 2-6304-01378/00002

Facility DEC ID: 2630401378



Effective between the dates of 03/20/2012 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 249.3 (f)

Item 1-13.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Process: P18

Emission Source: ESAH2

Item 1-13.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The emission limits in this permit for NO_x, SO₂, and/or PM₁₀ established under Part 249 are based on New York's Best Available Retrofit Technology (BART) Rule (6 NYCRR Part 249), are effective on the date of this permit's issuance, and are state-enforceable. Federal enforceability of these facility-specific requirements is effective on the date on which these emission limits, as submitted to EPA as a revision to New York State's Implementation Plan for Regional Haze, are published in the Federal Register.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2012.

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

Condition 51: Compliance Certification

Effective between the dates of 05/14/2009 and 05/13/2014

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

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24

Emission Point: 00002

Item 51.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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



monitor (COM).

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 8/29/2009.
Subsequent reports are due every 3 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement: 6 NYCRR 227-1.4 (b)

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-BLR24 Emission Point: 00002

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation which utilizes a continuous opacity monitoring system (COMS) shall include the following in their quarterly excess emission reports:

- 1) Magnitude, date, and time of each exceedence;
- 2) For each period of excess emissions, specific identification of the cause and corrective action taken;
- 3) Date, time, and duration of each period of COMS downtime, and the corrective action for each period of downtime;
- 4) Total time the COMS is required to record data during the reporting period;
- 5) The total number of exceedences and the duration of exceedences expressed as a percentage of the total time in which the COMS are required to record data; and
- 6) Such other requirements as the Department may deem necessary in order to enforce Article 19 of the Environmental Conservation Law (ECL).

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Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 60 days after the reporting period.

The initial report is due 8/29/2009.

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

Condition 53: Testing, monitoring, and reporting requirements for very large boilers.

Effective between the dates of 05/14/2009 and 05/13/2014

Applicable Federal Requirement:6 NYCRR 227-2.6 (a) (1)

Item 53.1:

This Condition applies to Emission Unit: U-BLR24 Emission Point: 00002

Item 53.2:

The owner/operator shall measure NOx emissions with a continuous emissions monitoring system (CEMS) as described in 6NYCRR 227-2.6(b).



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 55: Contaminant List
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable State Requirement:ECL 19-0301

Item 55.1:

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

CAS No: 007446-09-5

Name: SULFUR DIOXIDE



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

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

Condition 1-14: Unavoidable noncompliance and violations
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable State Requirement: 6 NYCRR 201-1.4

Item 1-14.1:

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

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

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

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

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



determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

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

Condition 56: Unavoidable noncompliance and violations
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable State Requirement: 6 NYCRR 201-1.4

Item 56.1:

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

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

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

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

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or



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

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

Condition 57: Air pollution prohibited
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable State Requirement:6 NYCRR 211.2

Item 57.1:

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 1-15: Visible Emissions Limited
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable State Requirement:6 NYCRR 211.2

Item 1-15.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 1-16: Compliance Demonstration
Effective between the dates of 03/20/2012 and 05/13/2014

Applicable State Requirement:6 NYCRR 227-2.5 (b)

Item 1-16.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 1-16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Con Edison's system-wide averaging of NOx emissions from its Ravenswood Steam Plant and Ravenswood Generating

New York State Department of Environmental Conservation

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Facility DEC ID: 2630401378



Station must be performed in accordance with the most current version of the NOx RACT Compliance Plan and the NOx RACT Operating Plan, approved by the Department.

The most current version of the NOx RACT Compliance and Operating Plans are attached to this permit and constitute an enforceable part of the permit.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2012.
Subsequent reports are due every 3 calendar month(s).

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

Condition 58: Compliance Demonstration
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable State Requirement:6 NYCRR 227-1.4 (a)

Item 58.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR13 Emission Point: 00001

Item 58.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity, and when sulfur dioxide continuous monitoring is required by Part 225 of this Title, for continuously monitoring and recording either the percent oxygen or carbon dioxide in the flue gases from such installations at all times that the combustion installation is in service. Where gas is the only fuel burned, monitoring and recording of opacity is not required.

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Facility DEC ID: 2630401378



Opacity monitoring reports are due sixty (60) days after the end of each calendar quarter (January - March, April - June, July - September, October - December).

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60, App. B
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 59: Compliance Demonstration
Effective between the dates of 05/14/2009 and 05/13/2014

Applicable State Requirement: 6 NYCRR 227-1.4 (a)

Item 59.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR24

Emission Point: 00002

Item 59.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Any person who owns a stationary combustion installation (excluding gas turbines), with a total maximum heat input capacity exceeding 250 million Btu per hour shall install, operate in accordance with manufacturer's instructions, and properly maintain, accurate instruments satisfying the criteria in appendix B of title 40, part 60 of the Code of Federal Regulations, or approved by the commissioner on an individual case basis, for continuously monitoring and recording opacity, and when sulfur dioxide continuous monitoring is required by Part 225 of this Title, for continuously monitoring and recording either the percent oxygen or carbon dioxide in the flue gases from such installations at all times that the combustion installation is in service. Where gas is the only fuel burned, monitoring and recording of opacity is not required.

Opacity monitoring reports are due sixty (60) days after the end of each calendar quarter (January - March, April - June, July - September, October - December).

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60, App. B
Monitoring Frequency: CONTINUOUS



Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

