

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 2-6005-00133/00002 Renewal Number: 1

Modification Number: 1



06/30/2005

Facility Identification Data

Name: ALBERT EINSTEIN COLLEGE OF MEDICINE
Address: 1300 MORRIS PARK AVE
BRONX, NY 10461

Owner/Firm

Name: YESHIVA UNIVERSITY
Address: 1300 MORRIS PARK AVE
BRONX, NY 10461-1062, USA
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
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Air Permitting Facility Owner Contact:
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Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

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Summary Description of Proposed Project

The project consists of modifying sections of the application to reflect revised boilers replacement time line. The modification involves revising the dates of boiler replacement project. Mainly, the dates of both the construction and the operation of the two new boilers (Emission Sources 0094A & 0094B), and the date of removal of the five old boilers (Emission Sources 0001C, 0001D, 00030, 00040 & 00050). The following will be revised:

1. The construction date for the two new 94 MM Btu/hr each Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) from 10/1/2004 to 10/1/2005, and the operation date from 5/1/2005 to 12/1/2006,
2. The removal date for the three 22 MM Btu/hr Kewanee boilers (Emission Sources 00030, 00040 & 00050) from 9/30/2004 to 9/30/2005.
3. The removal date for the two 27 MM Btu/hr each Keeler boilers (Emission Sources 0001C & 0001D) from 9/30/2004 to 9/30/2005.

No other changes to the emission sources, emission limits, fuel consumptions or operating scenarios occurred other than the change in time line.

The Albert Einstein College of Medicine (AECOM) of Yeshiva University was issued a Title V permit renewal on 1/26/2005. The facility owns and operates several emission sources that include four boilers at the Main Campus, three Low Housing boilers, seven 0.326 MM Btu/hr each boilers at the Health Center (Gym), four exempt boilers (two boilers are 8.4 MM Btu/hr each, and the other two boilers are 4.1 MM Btu/hr each), seven emergency generators, few fume hoods and ten fuel oil storage tanks. The seven 0.326 MM Btu/hr each boilers are at a health center (gymnasium) that the facility owns and operates, fire natural gas. These seven exempt boilers were included in the Title V permit renewal. The facility is planning to shut down and remove five boilers and install two new boilers, each rated at 94 MM Btu/hr. Since the existing emission point needs to be repaired; a temporary stack will be installed during the new boiler installation. A State Facility Permit was issued to construct the new boilers and the Title V Permit was modified to incorporate this change. This modification is to incorporate the change in boiler construction/removal dates.

Attainment Status

ALBERT EINSTEIN COLLEGE OF MEDICINE is located in the town of BRONX in the county of BRONX.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT



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Sulfur Dioxide (SO ₂)	ATTAINMENT
Ozone*	SEVERE NON-ATTAINMENT
Oxides of Nitrogen (NO _x)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NO_x) which are ozone precursors.
 ** NO_x has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

The Albert Einstein College of Medicine (AECOM) of Yeshiva University located at 1300 Morris Park Avenue, Bronx, NY is a Title V facility. The facility was issued a Title V permit renewal on 1/26/2005. This application has been submitted for modifying the renewal of the Title V permit, to reflect revised boilers replacement time line; mainly the removal dates for Emission Sources 0001C, 0001D, 00030, 00040 & 00050 (two 27 MM Btu/hr each Keeler and three 22 MM Btu/hr each Kewanee boilers), and both of the construction and operation dates for Emission Sources 0094A & 0094B (94 MM Btu/hr each Babcock & Wilcox boilers). The facility owns and operates several emission sources at the main campus that include four boilers, eleven exempt boilers (2 boilers rated at 8.4 MM Btu/hr each, two boilers rated at 4.1 MM Btu/hr each, and seven 0.326 MM Btu/hr each), seven emergency generators, few fume hoods and ten fuel oil storage tanks. The seven 0.326 MM Btu/hr each boilers are at a health center (gymnasium) that the facility owns and operates, and they fire natural gas. These seven exempt boilers were included in the Title V permit renewal.

The modification involves revising the dates of boiler replacement project. Mainly, the dates of both the construction and othe operation of the two new boilers (Emission Sources 0094A & 0094B), and the date of removal of the five old boilers (Emission Sources 0001C, 0001D, 00030, 00040 & 00050). The following will be revised:

1. The construction date for the two new 94 MM Btu/hr each Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) from 10/1/2004 to 10/1/2005, and the operation date from 5/1/2005 to 12/1/2006,
2. The removal date for the three 22 MM Btu/hr Kewanee boilers (Emission Sources 00030, 00040 & 00050) from 9/30/2004 to 9/30/2005.
3. The removal date for the two 27 MM Btu/hr each Keeler boilers (Emission Sources 0001C & 0001D) from 9/30/2004 to 9/30/2005.

No other changes to the emission sources, emission limits, fuel consumptions or operating scenarios occurred other than the change in time line.

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The facility is a medical university which owns and operates two Keeler boilers rated at 27 MM Btu/hr each, and three Kewanee boilers rated at 22 MM Btu/hr each that will be removed by 9/30/2005 (instead of 09/30/2004), two existing Keeler boilers rated at 91 MM Btu/hr each, and two new Babcock & Wilcox boilers rated at 94 MM Btu/hr that will begin operating on 12/1/2006 (instead of 05/01/2005). All of the boilers are dual-fuel fired, # 6 fuel oil (Process OIL) and natural gas (Process GAS). Other boilers at the facility include two exempt boilers rated at 4.1 MM Btu/hr each, and two other exempt boilers rated at 8.4 MM Btu/hr each. At the facility, there are three underground 25,000 gallon # 6 oil tanks and emergency diesel engines with diesel oil tanks. Since the existing emission point needs to be repaired, a temporary stack will be installed during the two new 94 MM Btu/hr boilers installation.

The facility is planning to shut down and remove five boilers and install two new boilers. The five boilers that will be removed by 9/30/2005 (instead of 09/30/2004) are two 27 MM Btu/hr each Keeler (at the Main Building), and three 22 MM Btu/hr each Kewanee (at the Low Housing Building) boilers. These five boilers are identified in the permit as Emission Sources 0001C, 0001D, 00030, 00040 & 00050. The two new boilers that will be installed by 10/1/2005 (instead of 1/1/2005) are rated at 94 MM Btu/hr each, and are identified in the permit as Emission Sources 0094A & 0094B.

The two new boilers that will be installed by 12/1/2006 (instead of 05/1/2005) are two 94 MM Btu/hr each Babcock & Wilcox. These two new boilers are identified in the permit as Emission Sources 0094A & 0094B. Therefore, the two new 94 MM Btu/hr each Babcock & Wilcox will replace the five existing boilers (2-27 MM Btu/hr each Keeler & 3-22 MM Btu/hr each Kewanee). The future facility will include the following emission sources:

- (i) 2-94 MM Btu/hr new Babcock & Wilcox boilers (new in the Main Building), operating on both natural gas & # 6 fuel oil - Emission Sources 0094A & 0094B
- (ii) 2-91 MM Btu/hr Keeler boilers (existing in the Main Building), operating on both natural gas & # 6 fuel oil - Emission Sources 0091A & 0091B
- (iii) 2-4.1 MM Btu/hr Federal boilers (existing in the Rouso Building) one boiler operating on natural gas and the other boiler operating on # 2 fuel oil, exempt from permitting
- (iv) 2-8.4 MM Btu/hr Federal boilers (existing in the Rhinelander Building), operating on # 6 fuel oil, exempt from permitting
- (v) 7-0.326 MM Btu/hr boilers (existing in the Gym at the Falk Center), operating on natural gas, exempt from permitting

Please note that the three 22 MM Btu/hr each Kewanee boilers exist at the Low Housing Building at DEC ID # 2-6005-00376, which is located at 1925-1935 Eastchester Road (which is at the corner of Eastchester Road and Morris Park Avenue), and are owned by Albert Einstein College of Medicine. The facility is applying the emission credits from these five boilers that will be removed towards the installation of the two new 94 MM Btu/hr each Babcock & Wilcox boilers.

The facility will limit the overall fuel consumption to 5.9 MM GPY of # 6 fuel oil, 20.5 MM CFY of natural gas, and 33,000 GPY of # 2 fuel oil. Since this is not a source project, the modification to the facility is not subject to NSR/231 analysis. And since the net emissions increase of NO_x and SO₂ are each below the allowable limits of 40 tons per year, the modification to the facility is not subject to PSD (40 CFR 52-A.21) applicability either.



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Permit Structure and Description of Operations

The Title V permit for ALBERT EINSTEIN COLLEGE OF MEDICINE is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.

A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device.

[NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

ALBERT EINSTEIN COLLEGE OF MEDICINE is defined by the following emission unit(s):
Emission unit U00001 - Emission Unit U-00001 consists of four boilers. All four boilers are dual-fuel fired, # 6 fuel oil (Process OIL) and natural gas (Process GAS). Two of the four boilers (Emission Sources 0094A & 0094B) are new and are Babcock & Wilcox boilers and are rated at 94 MM Btu/hr each. The other two boilers (Emission Sources 0091A & 0091B) are existing Keeler boilers and are rated at 91 MM Btu/hr each. The emissions from all four boilers vent from one common stack, connected to the existing boilers, defined as Emission Point 00001. During the installation of the two new boilers (the two 94 MM Btu/hr Babcock & Wilcox boilers), a temporary stack will be installed (Emission Point TEMP1). This temporary stack will be removed once the project is complete.

Emission Points 00001 & TEMP1, Processes OIL & GAS, and Emission Sources 0091A, 0091B, 0094A & 0094B are associated with Emission Unit U-00001.

Emission unit U00001 is associated with the following emission points (EP):
00001, TEMP1

It is further defined by the following process(es):

Process: GAS is located at Building 1 - Process GAS is the firing of natural gas in the four boilers (Emission Sources 0091A, 0091B, 0094A & 0094B).

Emission Unit U-00001, Emission Points 00001 & TEMP1, and Emission Sources 0091A, 0091B, 0094A & 0094B are associated with Processes GAS & OIL.

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Process: OIL is located at Building 1 - Process OIL is the firing of # 6 fuel oil in the four boilers (Emission Sources 0091A, 0091B, 0094A & 0094B).

Emission Unit U-00001, Emission Points 00001 & TEMP1, and Emission Sources 0091A, 0091B, 0094A & 0094B are associated with Processes OIL & GAS.

Title V/Major Source Status

ALBERT EINSTEIN COLLEGE OF MEDICINE is subject to Title V requirements. This determination is based on the following information:

Albert Einstein College of Medicine is a major facility because the potential emissions of nitrogen oxides is greater than the major source thresholds, which is 25 tons per year for nitrogen oxides.

Program Applicability

The following chart summarizes the applicability of ALBERT EINSTEIN COLLEGE OF MEDICINE with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	YES
SIP	YES

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

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NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.

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Compliance Status

Facility is in compliance with all requirements

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
6512	NONRESIDENTIAL BUILDING OPERATORS
8221	COLLEGES AND UNIVERSITIES, NEC

SCC Codes

SCC or Source Classification Code is a code developed and used by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
1-03-006-02	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - NATURAL GAS 10-100 MMBtu/Hr
1-03-004-02	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - RESIDUAL OIL 10-100MMBTU/HR **

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or

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material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. ONY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
007440-38-2	ARSENIC (HAP)	> 0	but < 10 tpy
007440-41-7	BERYLLIUM (HAP)	> 0	but < 10 tpy
007440-43-9	CADMIUM (HAP)	> 0	but < 10 tpy
000630-08-0	CARBON MONOXIDE	>= 10	tpy but < 25 tpy
007440-47-3	CHROMIUM (HAP)	> 0	but < 10 tpy
007439-92-1	LEAD (HAP)	> 0	but < 10 tpy
007439-96-5	MANGANESE (HAP)	> 0	but < 10 tpy
007439-97-6	MERCURY (HAP)	> 0	but < 10 tpy
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS (HAP)	> 0	but < 10 tpy
ONY210-00-0	OXIDES OF NITROGEN	>= 100	tpy but < 250 tpy
ONY075-00-0	PARTICULATES	>= 25	tpy but < 40 tpy
ONY075-00-5	PM-10	>= 25	tpy but < 40 tpy
007446-09-5	SULFUR DIOXIDE	>= 100	tpy but < 250 tpy
ONY998-00-0	VOC	>= 2.5	tpy but < 10 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

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

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

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

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

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

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

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

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

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6

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NYCRR Part 201-6.5(a)(3)

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

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

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and

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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 Part 201-6.5(i)

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

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

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

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

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

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

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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.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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.

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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.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
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FACILITY	40CFR 60-A.14	General provisions - Modification	18
FACILITY	40CFR 60-A.15	General provisions - Reconstruction	19
FACILITY	40CFR 60-A.4	General provisions - Address	11
FACILITY	40CFR 60-A.7(a)	Notification and Recordkeeping	12
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FACILITY	40CFR 60-A.7(c)	Notification and Recordkeeping	14
FACILITY	40CFR 60-A.7(d)	Notification and Recordkeeping	15
FACILITY	40CFR 60-A.7(f)	Notification and Recordkeeping	16
FACILITY	40CFR 60-A.9	General provisions - Availability of information	17
U-00001/00001/OIL/0094A	40CFR 60-Dc.40c	Steam generators 10-100 million Btu per hour	60, 61, 62
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U-00001/00001/OIL/0094A	40CFR 60-Dc.42c(d)	Standard for Sulfur Dioxide Firing Oil. (see narrative)	63
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U-00001/-/OIL/0094A	40CFR 60-Dc.42c(h)	Exemption from Averaging Requirements	24
U-00001/-/OIL/0094B	40CFR 60-Dc.42c(h)	Exemption from Averaging Requirements	27
U-00001/00001/OIL/0094A	40CFR 60-Dc.43c(c)	Standard for Opacity.	64
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U-00001/00001/OIL/0094B	40CFR 60-Dc.44c(h)	Alternative Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.	77
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U-00001/-/OIL/0094B	40CFR 60-Dc.45c	Compliance and Performance Test Methods and Procedures for Particulate Matter.	28
U-00001/00001/OIL/0094A	40CFR 60-Dc.46c(d)(2)	Alternative sulfur dioxide emissions monitoring.	66
U-00001/00001/OIL/0094B	40CFR 60-Dc.46c(d)(2)	Alternative sulfur dioxide emissions monitoring.	78
U-00001/00001/OIL/0094A	40CFR 60-Dc.47c	Emission Monitoring for Particulate Matter.	67
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U-00001/-/OIL/0094A	40CFR 60-Dc.48c(f)(2)	Reporting and Recordkeeping Requirements (residual oil).	26
U-00001/-/OIL/0094B	40CFR 60-Dc.48c(f)(2)	Reporting and Recordkeeping Requirements (residual oil).	29
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FACILITY	40CFR 82-F	Protection of Stratospheric Ozone - recycling and emissions reduction	21
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Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-301.

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

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6NYCRR Part 200-.6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-.7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, 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.

6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial 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.

6NYCRR Part 201-6



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This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR Part 201-6.5(c)

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(c)(3)(ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR Part 201-6.5(e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR Part 201-6.5(g)

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed

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by it.

6NYCRR Part 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.

6NYCRR Part 202-2.1

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

6NYCRR Part 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-.2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6 NYCRR Part 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6 NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

40 CFR Part 68.

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may

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be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, ALBERT EINSTEIN COLLEGE OF MEDICINE has been determined to be subject to the following regulations:

40CFR 52-A.21

This citation applies to facilities that are subject to Prevention of Significant Deterioration provisions; ie: facilities that are located in an attainment area and that emit pollutants which are listed in 40 CFR 52.21(b)(23)(i) .

40CFR 60-A.14

This regulation defines the term modification and what is and is not considered to be a modification, for the purpose of rule applicability.

40CFR 60-A.15

This regulation defines the term reconstruction and what is and is not considered to be a reconstruction project, for the purpose of rule applicability.

40CFR 60-A.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40CFR 60-A.7 (a)

This regulation requires any owner or operator subject to a New Source Performance Standard (NSPS) to furnish the Administrator with notification of the dates of: construction or reconstruction, initial startup, any physical or operational changes, commencement of performance testing for continuous monitors and anticipated date for opacity observations as required.

40CFR 60-A.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40CFR 60-A.7 (c)

This requirement details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

40CFR 60-A.7 (d)

This condition specifies the required information and format for a summary report form and details when either a summary form and/or excess emissions reports are required.

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40CFR 60-A.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices for at least two years.

40CFR 60-A.9

This rule citation allows the public access to any information submitted to the EPA Administrator (or state contact), in conjunction with a project subject to this section of the regulation.

40CFR 60-Dc.40c

This regulation requires the source owner or operator to comply with the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

40CFR 60-Dc.42c (d)

This regulation requires that on or after the date on which the initial performance test is completed or required to be completed under section 60.8 of 40 CFR 60 Subpart A, no owner or operator of an affected facility that combusts oil, shall combust oil with a sulfur content in excess of 0.5 percent by weight.

40CFR 60-Dc.42c (h)

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

40CFR 60-Dc.43c (c)

This regulation requires that on or after the date on which the initial performance test is completed or is required to be completed, an affected facility that combusts coal, wood, or oil and has a heat input of 30 million Btu per hour (8.7 MW) or greater, shall not cause any gases to be discharged to the atmosphere, that exhibit an opacity greater than 20% (based on a 6-minute average) or exceeds 27% for one 6-minute period per hour.

40CFR 60-Dc.44c (h)

This regulation requires facilities demonstrating compliance through vendor certification to follow the compliance procedures listed in the appropriate paragraphs of 40 CFR 60-Dc.48c.

40CFR 60-Dc.45c

This regulation requires the facility to conduct compliance testing for particulate matter by the methods listed in this section 40 CFR 60-Dc.45c.

40CFR 60-Dc.46c (d) (2)

This regulation allows the owner or operator of an affected facility to determine the average sulfur dioxide emission rate by sampling the fuel prior to its combustion and calculating the emissions instead of installing and operating a continuous emissions monitor at the inlet of the control device

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40CFR 60-Dc.47c

This regulation requires that all continuous emissions monitors measuring opacity to be operated in accordance with Appendix B of this part 40 CFR 60.

40CFR 60-Dc.48c (f) (2)

This condition sets forth the requirements to be met by the fuel supplier. These requirements apply to both distillate and residual oil.

6NYCRR 201-6.5 (c) (3) (ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 201-7

This subpart specifies how a source owner or operator may opt to avoid being subject to one or more applicable requirements to which the source or unit would have otherwise been subject, or where needed to establish an emission reduction credit by accepting federally-enforceable permit conditions restricting or capping emissions.

6NYCRR 202-2

This subpart of Part 202 sets forth the general requirements for submitting an annual statement or emissions.

6NYCRR 225-1.2 (a) (2)

This regulation prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations set forth in Table 1, Table 2, or Table 3 of this section.

6NYCRR 227 .2 (b) (1)

This regulation is from the 1972 version of Part 227 and still remains as part of New York's SIP. The rule establishes a particulate limit of 0.10 lbs/mmBtu based on a 2 hour average emission for any oil fired stationary combustion installation.

6NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6NYCRR 227-2.4 (c)

To comply with this Subpart, emission requirements for mid-size boilers (boilers with a heat input between 50 and 100 mmBtu/hr), owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

6NYCRR 227-2.6 (a) (4)



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This regulation is a SIP regulation. This citation is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

6NYCRR 227-2.6 (b)

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NOx and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

6NYCRR 227-2.6 (c)

This regulation is a SIP regulation. This citation is for stack test requirements. The owner or operator of the facility is required to test for NOx emission and follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

- (1) Submit a compliance test protocol to the department for approval at least 30 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
- (2) Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
 - (i) For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (ii) For simple cycle combustion turbines, utilize Method 20 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (iii) For combined cycle combustion turbines, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.
 - (iv) For internal combustion engines, utilize Method 7, 7E or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department.

Compliance Certification

Summary of monitoring activities at ALBERT EINSTEIN COLLEGE OF MEDICINE:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
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Basis for Monitoring

This facility is subject to the requirements of Title V and has received a Title V general permit for Combustion Installation. The facility is required, under the provisions of 6 NYCRR Subpart 201-6, to submit quarterly, semiannual compliance reports and an annual Compliance Certification. This facility has to comply with the following monitoring conditions:

Condition # 4 for 6 NYCRR 201-6.5(e)(3)(ii): This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures. This condition specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

Condition # 5 for 6 NYCRR 201-6.5(e): This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures. This condition specifies the overall permit requirements for compliance certification, including emission limitations, standards or work practices.

Condition # 7 for 6 NYCRR 202-2.1: This is a facility-wide condition. This condition is for Record Keeping/Maintenance Procedures. This condition sets forth the applicability criteria for submitting an annual statement of emissions. The criteria is based on annual emission threshold quantities and ozone attainment designation. This condition applies to all Title V facilities and these facilities must submit an annual emission statement by April 15th of each year.

Condition # 9 for 6 NYCRR 225-1.2(a)(2): This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. This condition prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations of 0.20 % by weight for distillate fuel (# 2 fuel oil). The sulfur content must be determined by the seller. The facility must maintain a log of the sulfur content of oils on a per delivery basis.

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Condition # 10 for 6 NYCRR 225-1.2(a)(2): This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. This condition prohibits any person from selling, offering for sale, purchasing or using any fuel which contains sulfur in a quantity exceeding the limitations of 0.30 % by weight for residual fuel (# 6 fuel oil). The sulfur content must be determined by the seller. The facility must maintain a log of the sulfur content of oils on a per delivery basis.

Condition # 20 for 40 CFR 68: This is a facility-wide condition. Since 40 CFR Part 68 contains the 112(r) requirements, 40 CFR Part 68 sets forth the list of regulated substances and thresholds, the petition process for adding or deleting substances to the list of regulated substances, the requirements for owners or operators of stationary sources concerning the prevention of accidental releases, and the State accidental release prevention programs approved under section 112(r). The list of substances, threshold quantities, and accident prevention regulations promulgated under this part do not limit in any way the general duty provisions under section 112(r)(1).

The Albert Einstein College of Medicine (AECOM) uses/handles 112(r) regulated substance, but the Clean Air Act Section 112(r) requirements are not applicable to the Albert Einstein College of Medicine (AECOM) because of the following reasons:

1. The 112(r) regulated substance at the facility is not over the threshold quantity
2. Therefore, the facility is not subject to 112(r)(7) regulation, and is not required to have a Risk Management Plan (RMP)
3. The facility is under 112(r)(1) General Duty Clause (GDC). This means the facility must:
 - a. Know the hazards posed by the chemicals and assess the impacts of possible releases;
 - b. Follow codes, standards and other business practices to ensure the facility is properly constructed and maintained, and the chemical is managed safely;
 - c. Have a contingency plan

Condition # 26 for 40 CFR 60.48c(f)(2), NSPS Subpart Dc: This condition is an emission unit level, process level and emission source level condition that applies to EU: U-00001, Process: OIL and Emission Source: 0094A. This condition is for Record Keeping/Maintenance Procedures per delivery. This condition sets forth the requirements to be met by the fuel supplier. These requirements apply to both distillate and residual oil.

Condition # 29 for 40 CFR 60.48c(f)(2), NSPS Subpart Dc: This condition is an emission unit level, process level and emission source level condition that applies to EU: U-00001, Process: OIL and Emission Source: 0094B. This condition is for Record Keeping/Maintenance Procedures per delivery. This condition sets forth the requirements to be met by the fuel supplier. These requirements apply to both distillate and residual oil.

Condition # 30 for 6 NYCRR 227-1.3(a): This condition is an emission unit level and emission point level condition that applies to EU: U-00001 and Emission Point: 00001. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Particulates for Opacity.

This condition prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20 % opacity except for one six-minute period per hour of not more than

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27 % opacity. This condition requires a daily inspection for visible emissions. If visible emissions are noted for two consecutive days, a Method 9 test must be performed.

Condition # 31 for 6 NYCRR 227.2(b)(1): This condition is an emission unit level and emission point level condition that applies to EU: U-00001 and Emission Point: 00001. This condition is for Intermittent Emission Testing for Particulates.

This condition is for Intermittent Emission Testing for Particulates for the two new Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) that are rated at 94 MM Btu/hr each, and the other two existing Keeler boilers (Emission Sources 0091A & 0091B) that are rated at 91 MM Btu/hr each. This regulation is from the 1972 version of Part 227 and still remains as part of New York's SIP. This condition establishes a particulate limit of 0.10 pounds per million Btus based on a 2 hour average emission for the oil fired stationary combustion installation (previously referenced four boilers) and is required once during the term of the permit.

Condition # 32 for 6 NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0091A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.10 pounds of NO_x per million Btus emission limit by May 31, 1985 when operating on gas fuel. Compliance with this emission limit is determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 33 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0091A. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).



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Condition # 34 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0091A. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NO_x and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 35 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0091A. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of the facility is required to conduct an emission test (stack test) to verify NO_x emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.
4. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after completion of the emission test.

Condition # 36 for 6 NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point:



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00001, Process: GAS, and Emission Source: 0091B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.10 pounds of NO_x per million Btus emission limit by May 31, 1985 when operating on gas fuel. Compliance with this emission limit is determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 37 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0091B. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

Condition # 38 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0091B. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NO_x and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 39 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point:



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00001, Process: GAS, and Emission Source: 0091B. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of the facility is required to conduct an emission test (stack test) to verify NOx emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.
4. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after completion of the emission test.

Condition # 40 for 6 NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0094A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.10 pounds of NOx per million Btus emission limit by May 31, 1985 when operating on gas fuel. Compliance with this emission limit is determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 41 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point:



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00001, Process: GAS, and Emission Source: 0094A. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

Condition # 42 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0094A. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NO_x and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 43 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0094A. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of the facility is required to conduct an emission test (stack test) to verify NO_x emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.

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3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.

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

Condition # 44 for 6 NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0094B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.10 pounds of NOx per million Btus emission limit by May 31, 1985 when operating on gas fuel. Compliance with this emission limit is determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 45 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0094B. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

Condition # 46 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0094B. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.



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Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NOx and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 47 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: GAS, and Emission Source: 0094B. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing gas is 0.10 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of the facility is required to conduct an emission test (stack test) to verify NOx emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.
4. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after completion of the emission test.

Condition # 48 for 6 NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-

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size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.30 pounds of NO_x per million Btus emission limit by May 31, 1985 when operating on residual oil. Compliance with this emission limit is determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 49 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091A. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

Condition # 50 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091A. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NO_x and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 51 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091A. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of

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the facility is required to conduct an emission test (stack test) to verify NO_x emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.
4. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after completion of the emission test.

Condition # 52 for 6 NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.30 pounds of NO_x per million Btus emission limit by May 31, 1985 when operating on residual oil. Compliance with this emission limit is determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 53 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091B. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.



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This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

Condition # 54 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091B. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NOx and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 55 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0091B. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NOx RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of the facility is required to conduct an emission test (stack test) to verify NOx emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NOx emission requires the facility to:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NOx limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.
4. Submit a compliance test report containing the results of the emission test to the department no later

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than 60 days after completion of the emission test.

Condition # 56 for 6 NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.30 pounds of NO_x per million Btus emission limit by May 31, 1985 when operating on residual oil. Compliance with this emission limit is determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 57 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

Condition # 58 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NO_x and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and

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4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 59 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of the facility is required to conduct an emission test (stack test) to verify NO_x emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

1. Submit a compliance test protocol to the department for approval at least 90 days prior to emission testing. The condition of the testing and the locations of the sampling devices must be acceptable to the department; and
2. Utilize procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the department and EPA for determining compliance with the appropriate NO_x limit in section 227-2.4 of this Subpart, and shall follow the procedures set forth in Part 202 of this Title.
3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.
4. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after completion of the emission test.

Condition # 61 for 40 CFR 60.40c, NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Record Keeping/Maintenance Procedures for Sulfur Dioxide.

This condition requires the source owner or operator to comply with the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

Condition # 62 for 40 CFR 60.40c, NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Sulfur Dioxide. This condition is for monitoring the sulfur content in the residual oil per delivery.

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This condition requires the source owner or operator to comply with the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

40 CFR 60-Dc.40c, NSPS which limits the sulfur content in the oil to 0.5 percent by weight is superseded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.40c, NSPS.

Condition # 63 for 40 CFR 60.42c(d), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Work Practice Involving Specific Operations for sulfur content of number 6 fuel oil (residual oil).

This condition requires that on or after the date on which the initial performance test is completed or required to be completed under section 60.8 of 40 CFR 60 Subpart A, no owner or operator of an affected facility that combusts oil, shall combust oil with a sulfur content in excess of 0.5 percent by weight. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.42c(d), NSPS.

Condition # 64 for 40 CFR 60.43c(c), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Particulates for opacity. The opacity is to be monitored continuously and the limit is 20 percent. This condition requires a Continuous Opacity Monitoring System (COMS) for visible emissions.

This condition requires that on or after the date on which the initial performance test is completed or is required to be completed, an affected facility that combusts coal, wood, or oil and has a heat input of 30 million Btu per hour (8.7 MW) or greater, shall not cause any gases to be discharged to the atmosphere, that exhibit an opacity greater than 20% (based on a 6-minute average) or exceeds 27% for one 6-minute period per hour.

Condition # 65 for 40 CFR 60.44c(h), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Sulfur Dioxide. The limit of sulfur content in residual oil is 0.30 percent by weight.

This condition requires facilities demonstrating compliance through vender certification to follow the compliance procedures listed in the appropriate paragraphs of 40 CFR 60-Dc.48c.

40 CFR 60-Dc.42c(h), NSPS which limits the sulfur content in the oil to 0.5 percent by weight is



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superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.44c(h), NSPS.

Condition # 66 for 40 CFR 60.46c(d)(2), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Sulfur Dioxide. The limit of sulfur content in residual oil is 0.30 percent by weight.

This condition allows the owner of operator of an affected facility to determine the average sulfur dioxide emission rate by sampling the fuel prior to its combustion and calculating the emissions instead of installing and operating a continuous emissions monitor at the inlet of the control device.

40 CFR 60-Dc.46c(d)(2), NSPS which limits the sulfur content in the oil to 0.5 percent by weight is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.44c(h), NSPS.

Condition # 67 for 40 CFR 60.47c, NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094A. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Particulates for opacity. The opacity is to be monitored continuously and the limit is 27 percent.

This condition requires that all continuous emissions monitors measuring opacity to be operated in accordance with Appendix B of this part 40 CFR 60.

Condition # 68 for 6NYCRR 227-2.4(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

To comply with this Subpart, emission requirements for mid-size boilers, owners or operators of a mid-size boiler must meet the requirements of either paragraph (1) or (2) of this subdivision.

This condition requires mid-size boilers (fuel combustion units with a maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour that produce steam or heats water or any other heat transfer medium) to meet the 0.30 pounds of NO_x per million Btus emission limit by May 31, 1985 when operating on residual oil. Compliance with this emission limit is

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determined with a 1-hour average in accordance with section 227-2.6(a)(4). If CEMs are used to determine compliance, the requirements of 227-2.6(b) apply, including the use of a 24-hour averaging period.

Condition # 69 for 6 NYCRR 227-2.6(a)(4): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Record Keeping/Maintenance Procedures for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

This condition is a SIP condition. This condition is for testing, monitoring, and reporting requirements for mid-size boilers which opt to meet the emission limits of 227-2.4(c)(2). The owner or operator of mid-size boilers opting to meet the limits in 6 NYCRR 227-2.4(c)(2) is required to perform compliance stack tests as described in 6 NYCRR 227-2.6(c).

Condition # 70 for 6 NYCRR 227-2.6(b): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Continuous Emission Monitoring (CEM) for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

Any owner or operator of a combustion source subject to reasonably available control technology (RACT) requirements, under this subdivision, for NO_x and either is required or opts to employ a continuous emissions monitoring system (CEMS) must:

- 1) Submit a CEMS monitoring plan for approval by the Department,
- 2) Submit a CEMS certification protocol,
- 3) Meet CEMS monitoring requirements as detailed in this paragraph of this subdivision, and
- 4) Meet CEMS recordkeeping and reporting requirements as detailed in this paragraph of this subdivision.

Condition # 71 for 6 NYCRR 227-2.6(c): This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Intermittent Emission Testing for Oxides of Nitrogen. The NO_x RACT emission limit regulatory standard for mid-size boilers (maximum heat input capacity greater than 50 million Btu per hour and equal to or less than 100 million Btu per hour) firing residual oil is 0.30 pounds per million Btus.

This condition is a SIP condition. This condition is for stack test requirements. The owner or operator of the facility is required to conduct an emission test (stack test) to verify NO_x emissions and to demonstrate compliance with 6 NYCRR 227-2.6(a). The facility is required to follow monitoring and reporting requirements. The stack testing for NO_x emission requires the facility to:

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

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department; and

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

3. For large and mid-size boilers, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the department stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR part 60, Appendix A or another reference method approved by the department.

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

Condition # 73 for 40 CFR 60.40c, NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Record Keeping/Maintenance Procedures for Sulfur Dioxide.

This condition requires the source owner or operator to comply with the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

Condition # 74 for 40 CFR 60.40c, NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Sulfur Dioxide. This condition is for monitoring the sulfur content in the residual oil per delivery.

This condition requires the source owner or operator to comply with the applicable General Provisions of 40 CFR 60 Subpart Dc. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

40 CFR 60-Dc.40c, NSPS which limits the sulfur content in the oil to 0.5 percent by weight is superseded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.40c, NSPS.

Condition # 75 for 40 CFR 60.42c(d), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Work Practice Involving Specific Operations for sulfur content of number 6 fuel oil (residual oil).

This condition requires that on or after the date on which the initial performance test is completed or

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Permit ID: 2-6005-00133/00002 Renewal Number: 1 Modification Number: 1



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required to be completed under section 60.8 of 40 CFR 60 Subpart A, no owner or operator of an affected facility that combusts oil, shall combust oil with a sulfur content in excess of 0.5 percent by weight. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.42c(d), NSPS.

Condition # 76 for 40 CFR 60.43c(c), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Particulates for opacity. The opacity is to be monitored continuously and the limit is 20 percent.

This condition requires that on or after the date on which the initial performance test is completed or is required to be completed, an affected facility that combusts coal, wood, or oil and has a heat input of 30 million Btu per hour (8.7 MW) or greater, shall not cause any gases to be discharged to the atmosphere, that exhibit an opacity greater than 20% (based on a 6-minute average) or exceeds 27% for one 6-minute period per hour.

Condition # 77 for 40 CFR 60.44c(h), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Sulfur Dioxide. The limit of sulfur content in residual oil is 0.30 percent by weight.

This condition requires facilities demonstrating compliance through vender certification to follow the compliance procedures listed in the appropriate paragraphs of 40 CFR 60-Dc.48c.

40 CFR 60-Dc.42c(h), NSPS which limits the sulfur content in the oil to 0.5 percent by weight is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to 0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.44c(h), NSPS.

Condition # 78 for 40 CFR 60.46c(d)(2), NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Sulfur Dioxide. The limit of sulfur content in residual oil is 0.30 percent by weight.

This condition allows the owner or operator of an affected facility to determine the average sulfur dioxide emission rate by sampling the fuel prior to its combustion and calculating the emissions instead of installing and operating a continuous emissions monitor at the inlet of the control device.

40 CFR 60-Dc.46c(d)(2), NSPS which limits the sulfur content in the oil to 0.5 percent by weight is superceded by regulation 6 NYCRR 225-1.2(a)(2), which limits the sulfur content in the residual oil to

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0.30 percent by weight to facilities in the severe ozone non-attainment area such as New York City. However, the facility must comply with the 0.30 percent by weight sulfur content limit in the residual oil as per 6 NYCRR 225-1.2(a)(2) which has more stringent limit for New York City than 40 CFR 60-Dc.44c(h), NSPS.

Condition # 79 for 40 CFR 60.47c, NSPS Subpart Dc: This condition is an emission unit level, emission point level, process level and emission source level condition that applies to EU: U-00001, Emission Point: 00001, Process: OIL, and Emission Source: 0094B. This condition is for Monitoring of Process or Control Device Parameters as Surrogate for Particulates for opacity. The opacity is to be monitored continuously and the limit is 27 percent.

This condition requires that all continuous emissions monitors measuring opacity to be operated in accordance with Appendix B of this part 40 CFR 60.

Condition # 82 for 6 NYCRR 201-7: Capping out of 6 NYCRR 202-2 & 40 CFR 52-A.21: This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. The natural gas consumption is limited to an annual maximum of 20.5 million cubic feet per year, and is to be monitored on a monthly basis and rolled into the annual maximum calculations.

This subpart specifies how a source owner or operator may opt to avoid being subject to one or more applicable requirements to which the source or unit would have otherwise been subject, or where needed to establish an emission reduction credit by accepting federally-enforceable permit conditions restricting or capping emissions.

The facility proposes to cap the incremental emission of the Sulfur Dioxide for the two new 94 MM Btu/hr Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) to be less than 40 tons per year in order to cap out of PSD (40 CFR 52-A.21). In order to accomplish the stringent PSD conditions, the facility will cap the Sulfur Dioxide emissions at 140 tons per year, and the Oxides of Nitrogen emissions at 135 tons per year. In order to accomplish the stringent PSD conditions, the facility will limit the fuel consumption to 5.91 million gallons per year of # 6 fuel oil (residual oil), and 20.5 million cubic foot per year of natural gas, and 33,000 gallons per year of # 2 fuel oil (distillate oil) for all of the thirteen existing boilers and the two new 94 MM Btu/hr Babcock & Wilcox boilers - Emission Sources 0094A & 0094B (all of the fifteen boilers at the facility).

Condition # 83 for 6 NYCRR 201-7: Capping out of 6 NYCRR 202-2 & 40 CFR 52-A.21: This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. The distillate oil (# 2 fuel oil) consumption is limited to an annual maximum of 5,910 thousand gallons per year, and is to be monitored on a monthly basis and rolled into the annual maximum calculations.

This subpart specifies how a source owner or operator may opt to avoid being subject to one or more applicable requirements to which the source or unit would have otherwise been subject, or where needed to establish an emission reduction credit by accepting federally-enforceable permit conditions restricting or capping emissions.

The facility proposes to cap the incremental emission of the Sulfur Dioxide for the two new 94 MM

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Btu/hr Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) to be less than 40 tons per year in order to cap out of PSD (40 CFR 52-A.21). In order to accomplish the stringent PSD conditions, the facility will cap the Sulfur Dioxide emissions at 140 tons per year, and the Oxides of Nitrogen emissions at 135 tons per year. In order to accomplish the stringent PSD conditions, the facility will limit the fuel consumption to 5.91 million gallons per year of # 6 fuel oil (residual oil), and 20.5 million cubic foot per year of natural gas, and 33,000 gallons per year of # 2 fuel oil (distillate oil) for all of the thirteen existing boilers and the two new 94 MM Btu/hr Babcock & Wilcox boilers - Emission Sources 0094A & 0094B (all of the fifteen boilers at the facility).

Condition # 84 for 6 NYCRR 201-7: Capping out of 6 NYCRR 202-2 & 40 CFR 52-A.21: This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. The Sulfur Dioxide emission is limited to an annual maximum of 140 tons per year, and it is to be monitored on a monthly basis and rolled into the annual maximum calculations.

This subpart specifies how a source owner or operator may opt to avoid being subject to one or more applicable requirements to which the source or unit would have otherwise been subject, or where needed to establish an emission reduction credit by accepting federally-enforceable permit conditions restricting or capping emissions.

The facility proposes to cap the incremental emission of the Sulfur Dioxide for the two new 94 MM Btu/hr Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) to be less than 40 tons per year in order to cap out of PSD (40 CFR 52-A.21). In order to accomplish the stringent PSD conditions, the facility will cap the Sulfur Dioxide emissions at 140 tons per year, and the Oxides of Nitrogen emissions at 135 tons per year. The facility will limit the fuel consumption to 5.91 million gallons per year of # 6 fuel oil (residual oil), and 20.5 million cubic foot per year of natural gas, and 33,000 gallons per year of # 2 fuel oil (distillate oil) for all of the thirteen existing boilers and the two new 94 MM Btu/hr Babcock & Wilcox boilers - Emission Sources 0094A & 0094B (all of the fifteen boilers at the facility).

Condition # 85 for 6 NYCRR 201-7: Capping out of 6 NYCRR 202-2 & 40 CFR 52-A.21: This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Oxides of Nitrogen. The Oxides of Nitrogen emission is limited to an annual maximum of 135 tons per year, and it is to be monitored on a monthly basis and rolled into the annual maximum calculations.

This subpart specifies how a source owner or operator may opt to avoid being subject to one or more applicable requirements to which the source or unit would have otherwise been subject, or where needed to establish an emission reduction credit by accepting federally-enforceable permit conditions restricting or capping emissions.

The facility proposes to cap the incremental emission of the Sulfur Dioxide for the two new 94 MM Btu/hr Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) to be less than 40 tons per year in order to cap out of PSD (40 CFR 52-A.21). In order to accomplish the stringent PSD conditions, the facility will cap the Sulfur Dioxide emissions at 140 tons per year, and the Oxides of Nitrogen emissions at 135 tons per year. The facility will limit the fuel consumption to 5.91 million gallons per year of # 6 fuel oil (residual oil), and 20.5 million cubic foot per year of natural gas, and 33,000 gallons per year of # 2 fuel oil (distillate oil) for all of the thirteen existing boilers and the two new 94 MM Btu/hr Babcock & Wilcox boilers - Emission Sources 0094A & 0094B (all of the fifteen boilers at the facility).

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Condition # 86 for 6 NYCRR 201-7: Capping out of 6 NYCRR 202-2 & 40 CFR 52-A.21: This is a facility-wide condition. This condition is for Work Practice Involving Specific Operations for Sulfur Dioxide. The residual oil (# 6 fuel oil) consumption is limited to an annual maximum of 5,910 thousand gallons per year, and is to be monitored on a monthly basis and rolled into the annual maximum calculations.

This subpart specifies how a source owner or operator may opt to avoid being subject to one or more applicable requirements to which the source or unit would have otherwise been subject, or where needed to establish an emission reduction credit by accepting federally-enforceable permit conditions restricting or capping emissions.

The facility proposes to cap the incremental emission of the Sulfur Dioxide for the two new 94 MM Btu/hr Babcock & Wilcox boilers (Emission Sources 0094A & 0094B) to be less than 40 tons per year in order to cap out of PSD (40 CFR 52-A.21). In order to accomplish the stringent PSD conditions, the facility will cap the Sulfur Dioxide emissions at 140 tons per year, and the Oxides of Nitrogen emissions at 135 tons per year. The facility will limit the fuel consumption to 5.91 million gallons per year of # 6 fuel oil (residual oil), 20.5 million cubic foot per year of natural gas, and 33,000 gallons per year of # 2 fuel oil (distillate oil) for all of the thirteen existing boilers and the two new 94 MM Btu/hr Babcock & Wilcox boilers - Emission Sources 0094A & 0094B (all of the fifteen boilers at the facility).