

New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 9-5632-00010/00016 Renewal Number: 1



08/17/2006

Facility Identification Data

Name: INDECK-SILVER SPRINGS COGENERATION
Address: 1 INDECK DRIVE
SILVER SPRINGS, NY 14550

Owner/Firm

Name: INDECK ENERGY SERVICES OF SILVER SPRINGS
Address: 600 NORTH BUFFALO GROVE RD., SUITE 300
BUFFALO GROVE, IL 60089-1976, USA
Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:
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BUFFALO, NY 14203-2999

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Air Permitting Contact:
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1 INDECK DR
SILVER SPRINGS, NY 14550
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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.

Summary Description of Proposed Project

Application for renewal of Air Title V Facility Permit. In this permit process 100, gas turbine firing gas

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alone, was combined with process 400 gas turbine and duct burner both firing natural gas, because the stack emission limits were the same. Most Sulfur in fuel oil requirements were combined into one permit condition at under a Prevention of Significant Deterioration (PSD) permit condition. Similarly, redundant NOx conditions were consolidated under the most strict citation which usually was a PSD requirement. Mass emission limits were added for the previously exempt three hour start up and shut down windows for NOx and CO. The permittee requested to burn natural gas and fuel oil simultaneously for economic and fuel supply concerns. Emission limits were developed for this new process (process 800) and added to the permit. Since the previous permit was issued several new regulations became applicable and were added to the permit; NOx Budget Program - 6NYCRR Part 204, and the Acid Deposition Reduction regulations for NOx - 6NYCRR Part 237 and SO2 - 6NYCRR Part 238, and revisions to the NSPS for Gas Turbines - 40 CFR Part 60 subpart GG.

Attainment Status

INDECK-SILVER SPRINGS COGENERATION is located in the town of GAINESVILLE in the county of WYOMING.

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
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone* (NON-ATTAINMENT)	TRANSPORT REGION (NON-ATTAINMENT)
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

This facility is a co-generation plant furnishing steam to Morton Salt and electricity to New York State Electric & Gas. The facility is a combined cycle gas turbine (GT) utilizing a GE frame 6 gas turbine, a heat recovery steam generator (HRSG) with duct burner (DB) and a GE steam turbine. The plant is operated from a centralized control room through a Westinghouse Distributed Control System (WDCS). Circulating water is cooled through an air-cooled condensers. Natural gas is the primary fuel for both the

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GT and DB. Number 2 distillate oil is the backup fuel for the GT. A 300,000 gallon fuel oil storage tank is on site. The facility operates between 80% and 100% load. Oil firing of the GT is limited to 2190 hours per year. The GT is equipped with steam injection for NOx control. The DB utilized low-NOx burners. This constitutes BACT for this facility.

Permit Structure and Description of Operations

The Title V permit for INDECK-SILVER SPRINGS COGENERATION 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.

INDECK-SILVER SPRINGS COGENERATION is defined by the following emission unit(s):

Emission unit S00001 - This emission unit consists of a combustion gas turbine generator and heat recovery steam generator with duct burner venting into one exhaust stack.

Emission unit S00001 is associated with the following emission points (EP):
00001

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

Process: 200 is located at Building 1 - GE frame 6 gas turbine firing on number 2 distillate oil, with or without the duct burning firing natural gas.

Process: 400 is located at Building 1 - GE frame 6 gas turbine firing on natural gas, with or without the duct burning firing natural gas.

Process: 800 is located at Building 1 - GE Frame 6 combustion gas turbine firing natural gas and fuel oil simultaneously. The duct burner may be firing natural gas or may not be operating.

Emission unit S00002 - This unit consists of an auxiliary boiler venting into one exhaust stack.

Emission unit S00002 is associated with the following emission points (EP):

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00002

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

Process: 500 is located at Building 1 - The auxiliary boiler burning natural gas.

Process: 600 is located at Building 1 - The auxiliary boiler burning number 2 distillate oil.

Emission unit S00003 - This emission unit consists of one stripper column designed to remove ammonia from wastewater prior to discharge.

Emission unit S00003 is associated with the following emission points (EP):

00003

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

Process: 700 is located at 1, Building 1 - The stripping column operated by batch process, removing ammonia from wastewater prior to discharge to Morton Salt

Title V/Major Source Status

INDECK-SILVER SPRINGS COGENERATION is subject to Title V requirements. This determination is based on the following information:

The facility is a major source because its potential to emit (PTE) NO_x, CO and SO₂ are greater than 100 tons per year, which is the definition of a major source. The PTE for NO_x is 332 tons per year (tpy), CO is 227 tpy, and SO₂ is 156 tpy.

Program Applicability

The following chart summarizes the applicability of INDECK-SILVER SPRINGS COGENERATION with regards to the principal air pollution regulatory programs:

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

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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.

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.

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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.

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
4911	ELECTRIC SERVICES

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
3-01-820-01	CHEMICAL MANUFACTURING CHEMICAL MANUFACTURING - WASTEWATER AGGREGATE Wastewater Stripper
1-01-007-01	EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION ELECTRIC UTILITY BOILER - PROCESS GAS Boilers > 100 MBTU/HR
2-02-002-03	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - NATURAL GAS Turbine: Cogeneration

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

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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 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. 0NY100-00-0. 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
007664-41-7	AMMONIA		>= 10 tpy but < 25 tpy
007440-38-2	ARSENIC (HAP)		> 0 but < 10 tpy
007440-43-9	CADMIUM (HAP)		> 0 but < 10 tpy
000630-08-0	CARBON MONOXIDE		>= 100 tpy but < 250 tpy
007440-47-3	CHROMIUM (HAP)		> 0 but < 10 tpy
0NY064-29-0	COPPER (CU 064)		> 0 but < 2.5 tpy
000050-00-0	FORMALDEHYDE (HAP)		> 0 but < 10 tpy
0NY100-00-0	HAP		>= 2.5 tpy 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
0NY059-28-0	NICKEL (NI 059) (HAP)		>= 2.5 tpy but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN		>= 250 tpy
0NY075-00-0	PARTICULATES		>= 25 tpy but < 40 tpy
0NY075-00-5	PM-10		>= 25 tpy but < 40 tpy
007782-49-2	SELENIUM (HAP)		> 0 but < 10 tpy
007446-09-5	SULFUR DIOXIDE		>= 100 tpy but < 250 tpy
007440-62-2	VANADIUM		> 0 but < 2.5 tpy
0NY998-00-0	VOC		>= 25 tpy but < 40 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:

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

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

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

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

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

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

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

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

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

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

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

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

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 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

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includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

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

Item K: Reopening for Cause - 6 NYCRR 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.

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L:

Permit Exclusion - ECL 19-0305

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

Item M:

Federally Enforceable Requirements - 40 CFR 70.6(b)

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A:

General Provisions for State Enforceable Permit Terms and Condition -

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6 NYCRR Part 201-5

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

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

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
FACILITY	ECL 19-0301	Powers and Duties of the Department with respect to air pollution control	99
FACILITY	40CFR 52-A.21 (j)	Best Available Control Technology	30, 31, 32
S-00001	40CFR 52-A.21 (j)	Best Available Control Technology	39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53
S-00001/00001/200	40CFR 52-A.21 (j)	Best Available Control Technology	57, 58, 59, 60
S-00001/00001/200/S00GT	40CFR 52-A.21 (j)	Best Available Control Technology	61, 62, 63, 64
S-00001/00001/400	40CFR 52-A.21 (j)	Best Available Control Technology	65, 66, 67, 68
S-00001/00001/400/S00GT	40CFR 52-A.21 (j)	Best Available Control Technology	69, 70, 71, 72
S-00001/00001/800	40CFR 52-A.21 (j)	Best Available Control Technology	73, 74, 75, 76
S-00002	40CFR 52-A.21 (j)	Best Available Control Technology	77, 78
S-00002/00002/500	40CFR 52-A.21 (j)	Best Available Control Technology	84, 85, 86, 87, 88, 89,

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S-00002/00002/600	40CFR 52-A.21(j)	Best Available Control Technology	90 91, 92, 93, 94, 95, 96, 97
S-00001	40CFR 60-A	General provisions	54
S-00002	40CFR 60-A	General provisions	79
S-00001	40CFR 60-A.4	General provisions - Address	55
S-00002	40CFR 60-A.4	General provisions - Address	80
S-00002	40CFR 60-Db.43b(f)	Standard for Particulate Matter Opacity.	81
S-00002	40CFR 60-Db.49b(d)	Reporting and Recordkeeping Requirements.	82
S-00002	40CFR 60-Db.49b(g)	Reporting and Recordkeeping Requirements.	83
S-00001	40CFR 60-Dc.48c(g)	Reporting and Recordkeeping Requirements.	56
FACILITY	40CFR 68	Chemical accident prevention provisions	21
FACILITY	40CFR 72	Permits regulation	33
FACILITY	40CFR 82-F	Protection of Stratospheric Ozone - recycling and emissions reduction	22
FACILITY	6NYCRR 200.6	Acceptable ambient air quality.	1
FACILITY	6NYCRR 200.7	Maintenance of equipment.	10
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	100
FACILITY	6NYCRR 201-1.7	Recycling and Salvage	11
FACILITY	6NYCRR 201-1.8	Prohibition of reintroduction of collected contaminants to the air	12
FACILITY	6NYCRR 201-3.2(a)	Exempt Activities - Proof of eligibility	13
FACILITY	6NYCRR 201-3.3(a)	Trivial Activities - proof of eligibility	14
FACILITY	6NYCRR 201-6	Title V Permits and the Associated Permit Conditions	23, 34, 35
FACILITY	6NYCRR 201-6.5(a)(4)	General conditions	15
FACILITY	6NYCRR 201-6.5(a)(7)	General conditions	
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FACILITY	6NYCRR 201-6.5(a)(8)	General conditions	16
FACILITY	6NYCRR 201-6.5(c)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	3
FACILITY	6NYCRR 201-6.5(c)(2)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	4
FACILITY	6NYCRR 201-6.5(c)(3)(ii)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	5
FACILITY	6NYCRR 201-6.5(d)(5)	Compliance schedules	17

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FACILITY	6NYCRR 201-6.5(f)(6)	Off Permit Changes	18
FACILITY	6NYCRR 202-1.1	Required emissions tests.	19
FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	7
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	8
FACILITY	6NYCRR 204-1.6	Standard Requirements	24
FACILITY	6NYCRR 204-2.1	Authorization and Responsibilities of the NOx Authorized Account Representative	25
FACILITY	6NYCRR 204-4.1	Compliance Certification Report	26
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FACILITY	6NYCRR 238-2.1	Authorization/responsibil ities of the authorized account representative	110
FACILITY	6NYCRR 238-4.1	Compliance certification report	111
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Applicability Discussion:

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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.

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

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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

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 201-6.5(a)(4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6NYCRR 201-6.5(a)(7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6NYCRR 201-6.5(a)(8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

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.

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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 201-6.5(d)(5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

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 201-6.5(f)(6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

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.

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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 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, INDECK-SILVER SPRINGS COGENERATION has been determined to be subject to the following regulations:

40CFR 52-A.21 (j)

BACT determinations are made on a case-by-case basis and can be no less stringent than any requirement that exists in the current State Implementation Plan (SIP) or 40 CFR 60 and 61. Emission and operational limitations required from a BACT determination will have to be entered into the special permit conditions, separately by the permit reviewer.

A Prevention of Significant Deterioration (PSD) permit was issued to the permittee in 1993. The

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conditions from the PSD permit were carried over into the original Title V permit and into this Title V renewal permit.

40CFR 60-A

This regulation contains the General Provisions of 40 CFR 60. The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

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-Db.43b (f)

This regulation specifies maximum allowable opacity for affected affected sources. The opacity of the emission may not exceed 20%, except for one six minute period when the maximum opacity may not exceed 27%.

40CFR 60-Db.49b (d)

This subdivision requires reporting and recordkeeping for affected steam generating units - annual fuel capacity factors.

40CFR 60-Db.49b (g)

This subdivision requires reporting and recordkeeping for affected steam generating units - specific oxides of nitrogen requirements.

40CFR 60-Dc.48c (g)

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

40CFR 72

In order to reduce acid rain the the U.S. and Canada, Title IV of the Clean Air Act Amendments of 1990 requires the establishment of a program to reduce emissions of SO₂ and NO_x (sulfur dioxide and oxides of nitrogen). Fossil fuel burning electric utility companies are a major source of these contaminants in the US. These sources were regulated in a phased approach. Phase I, which began in 1995, requires 110 of the higher-emitting utility plants in the eastern and Midwest states to meet intermediate SO₂ emission limitations. Phase II, which began in 2000, tightens the emission limitations and expands the coverage to most fossil fuel burning utilities. The utilities are given "allowances" which is a limited authorization to emit one ton of SO₂. The utilities are required to limit SO₂ emissions to the number of allowances they hold. Some can benefit however by reducing their emissions and selling their excess allowances. Part 72 contains the means of implementing this portion of Title IV of the Clean Air Act. The Acid Rain Permit is a separate permit and document.

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

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probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 204-1.6

This condition requires the designated representative of the permittee to make submissions for the NOx Budget Program. The Program is designed to mitigate the interstate transport of ground level ozone and nitrogen oxides, a ground level ozone precursor.

6NYCRR 204-2.1

This condition states the submission requirements for the NOx Budget Trading Program. The Program is designed to mitigate the interstate transport of ground level ozone and nitrogen oxides, a ground level ozone precursor.

6NYCRR 204-4.1

This condition covers the compliance certification report requirements for the NOx Budget Program.

6NYCRR 204-8.1

This condition lists the general requirements for the NOx Budget trading program. They include, but are not limited to monitoring requirements, certification, record keeping and reporting.

6NYCRR 204-8.4

This condition lists the addresses where monitoring plans and their modifications, compliance certifications, recertifications, quarterly QA/QC reports and petitions for alternative monitoring shall be sent.

6NYCRR 204-8.5

This condition lists the recordkeeping, reporting, and certification requirements associated with the required reports. This includes quarterly report requirements.

6NYCRR 212 .9

This section of the regulation contains the descriptions and definitions of the environmental ratings system and the tables which set the emission standards for each rating.

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 227-2.6 (b) (4) (iv)

This citation specifies a quarterly data reporting requirement for the NOx RACT (Reasonably Available Control Technology) program.

6NYCRR 227-2.6 (b) (5)

Alternative CEMS for NOx RACT - The source must use CEMS that are certified for the Acid Rain Program (40 CFR Part 75) to demonstrate compliance with NOx RACT, because it is subject to the Acid Rain Program.

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6NYCRR 237-1.6 (c)

This subdivision outlines the standard requirements of the Acid Deposition Reduction NOx Budget Trading Program for oxides of nitrogen.

6NYCRR 237-1.6 (e)

This requires the owners and operators of the NOx budget source and each NOx budget unit at the source to keep pertinent documents at the site for a period of 5 years; and lists which documents are pertinent.

6NYCRR 237-2

This condition requires the permittee to select and authorize one person to manage, and represent the owners of any NOx budget unit; and specifies the responsibilities of this NOx authorized account representative

6NYCRR 237-4.1

This item specifies the requirements of the compliance certification report.

6NYCRR 237-7.1

This item specifies what information and actions are necessary in order to record the transfer of NOx allowances. t

6NYCRR 237-8

This item requires the owners and operators of a NOx budget unit to comply with the monitoring and reporting requirements of NYCRR 237-8 and Subpart H of 40 CFR part 75; and allows NOx budget units which are also NOx budget units under NYCRR Part 204 to be summarily referenced in order to demonstrate compliance with the requirements of this item.

6NYCRR 238-1.6 (c)

This Item requires the owners and operators of each SO2 budget source and each SO2 budget unit to hold SO2 allowances available for compliance deductions under NYCRR 238-6.5; and how such allowances will be managed.

6NYCRR 238-1.6 (e)

This item requires the owners and operators of the SO2 budget source to keep on site at the source pertinent documents for a period of 5 years from the date the document is created.

6NYCRR 238-2.1

This section outlines the authorization and responsibilities of the SO2 authorized account representative.

6NYCRR 238-4.1

This section lists all of the requirements for the submission of the compliance certification report.

6NYCRR 238-7.1

This section outlines the requirements for the submission of SO2 allowance transfers.

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6NYCRR 238-8

This condition requires the owner or operator of the facility to comply with the reporting and record keeping requirements of 40 CFR Part 75.

Compliance Certification

Summary of monitoring activities at INDECK-SILVER SPRINGS COGENERATION:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
FACILITY	work practice involving specific operations	30
FACILITY	work practice involving specific operations	31
FACILITY	work practice involving specific operations	32
S-00001	intermittent emission testing	39
S-00001	intermittent emission testing	40
S-00001	continuous emission monitoring (cem)	41
S-00001	continuous emission monitoring (cem)	42
S-00001	intermittent emission testing	43
S-00001	continuous emission monitoring (cem)	44
S-00001	intermittent emission testing	45
S-00001	intermittent emission testing	46
S-00001	intermittent emission testing	47
S-00001	record keeping/maintenance procedures	48
S-00001	continuous emission monitoring (cem)	49
S-00001	intermittent emission testing	50
S-00001	intermittent emission testing	51
S-00001	record keeping/maintenance procedures	52
S-00001	monitoring of process or control device parameters as surrogate	53
S-00001/00001/200	continuous emission monitoring (cem)	57
S-00001/00001/200	continuous emission monitoring (cem)	58
S-00001/00001/200	continuous emission monitoring (cem)	59
S-00001/00001/200	continuous emission monitoring (cem)	60
S-00001/00001/200/S00GT	intermittent emission testing	61
S-00001/00001/200/S00GT	intermittent emission testing	62
S-00001/00001/200/S00GT	intermittent emission testing	63
S-00001/00001/200/S00GT	intermittent emission testing	64
S-00001/00001/400	continuous emission monitoring (cem)	65
S-00001/00001/400	continuous emission monitoring (cem)	66
S-00001/00001/400	continuous emission monitoring (cem)	67
S-00001/00001/400	continuous emission monitoring (cem)	68
S-00001/00001/400/S00GT	intermittent emission testing	69
S-00001/00001/400/S00GT	intermittent emission testing	70
S-00001/00001/400/S00GT	intermittent emission testing	71
S-00001/00001/400/S00GT	intermittent emission testing	72
S-00001/00001/800	continuous emission monitoring (cem)	73
S-00001/00001/800	continuous emission monitoring (cem)	74
S-00001/00001/800	continuous emission monitoring (cem)	75
S-00001/00001/800	continuous emission monitoring (cem)	76
S-00002	record keeping/maintenance procedures	77
S-00002	continuous emission monitoring (cem)	78
S-00002/00002/500	continuous emission monitoring (cem)	84
S-00002/00002/500	continuous emission monitoring (cem)	85
S-00002/00002/500	intermittent emission testing	86



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S-00002/00002/500	intermittent emission testing	87
S-00002/00002/500	intermittent emission testing	88
S-00002/00002/500	intermittent emission testing	89
S-00002/00002/500	continuous emission monitoring (cem)	90
S-00002/00002/600	continuous emission monitoring (cem)	91
S-00002/00002/600	continuous emission monitoring (cem)	92
S-00002/00002/600	intermittent emission testing	93
S-00002/00002/600	intermittent emission testing	94
S-00002/00002/600	intermittent emission testing	95
S-00002/00002/600	continuous emission monitoring (cem)	96
S-00002/00002/600	intermittent emission testing	97
S-00002	monitoring of process or control device parameters as surrogate	81
S-00002	record keeping/maintenance procedures	82
S-00002	record keeping/maintenance procedures	83
S-00001	record keeping/maintenance procedures	56
FACILITY	record keeping/maintenance procedures	5
FACILITY	record keeping/maintenance procedures	6
FACILITY	record keeping/maintenance procedures	7
FACILITY	record keeping/maintenance procedures	24
FACILITY	record keeping/maintenance procedures	26
FACILITY	record keeping/maintenance procedures	28
FACILITY	record keeping/maintenance procedures	29
S-00003	intermittent emission testing	98
S-00001	monitoring of process or control device parameters as surrogate	36
S-00001	record keeping/maintenance procedures	37
FACILITY	record keeping/maintenance procedures	102
FACILITY	record keeping/maintenance procedures	105
FACILITY	record keeping/maintenance procedures	107
FACILITY	record keeping/maintenance procedures	108
FACILITY	record keeping/maintenance procedures	111
FACILITY	record keeping/maintenance procedures	113

Basis for Monitoring

Basis of Monitoring at Indeck Silver Springs (Ren 1):

1. When Indeck Silver Springs was constructed it obtained a Prevention of Significant Deterioration (PSD) permit. PSD permit conditions can be found under 40 CFR Part 52.21 subpart A citations, and limit the sulfur dioxide (SO2), oxides of nitrogen (NOx), carbon monoxide, particulates (PM), particulates less than 10 microns (PM-10), and volatile organic compounds (VOC) that can be emitted from the facility. Most of the PSD limits are more restrictive than other applicable requirements, so pollutants that have different limits from different regulations are all addressed in a PSD permit condition.
2. The majority of the permit conditions at the facility level, based on citations from 6 NYCRR Parts 200, 201, 202, 211, 215 and 217, are conditions that are in every Title V (five) permit. These conditions generally reiterate rules that apply to most facilities more so than require the facility to monitor or take actions.
3. Permit conditions that list 6NYCRR Part 204 (NOx Budget Trading Program) or one of its subparts as the applicable requirement, limit emissions of oxides of nitrogen (NOx) from the gas turbine emission unit during the ozone season, which is between May 1 and September 30. A NOx continuous emission monitoring system (CEMS) that is certified according to 40 CFR Part 75 (Acid Rain Emission Monitoring) is used to monitor and calculate emissions. The monitoring procedures are prescribed by the regulation.

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4. Permit conditions that list 6NYCRR Part 225-1 (Fuel Composition and Use - Sulfur Limitations) as the applicable requirement, limit the sulfur content of the fuel (distillate oil) combusted at the facility. Each oil delivery is analyzed for its sulfur content and the results are stored on site. Any exceedance of the sulfur in oil limit is reported in the quarterly reports along with the corrective action.
5. Permit conditions that list 6NYCRR 227-1 (Stationary Combustion Installations) as the applicable requirement, limits the particulate and opacity emissions.
 - a. At the emission unit level the facility is required to conduct a particulate emission rate stack test when requested by the Department.
 - b. Opacity emissions are monitored when there is a combustion upset in the turbine or duct burner.
 - c. The PSD permit and NSPS subpart Dc required the use of a continuous opacity monitoring system (COMS) on the auxiliary boiler stack. 6NYCRR 227-1 does not require COMS on the auxiliary boiler, but the use of COMS and the associated record keeping and reporting will be used to evaluate compliance with the Part 227-1 opacity limit.
6. Permit conditions that list 6NYCRR 227-2 (Reasonably Available Control Technology (RACT) for Oxides of Nitrogen (NO_x)) as the applicable requirement, limit the emissions of NO_x in parts per million (ppm) for the gas turbine, and NO_x in lb/mmBtu from the auxiliary boiler. The emissions are monitored with a NO_x CEMS in each stack. The record keeping and monitoring requirements are prescribed by the regulation. The PSD NO_x emission limits are more restrictive than the NO_x RACT limits so the NO_x RACT limits are not included in this permit. Since the permittee is subject to the Acid Rain Program (40 CFR Part 75) the CEMS must follow Part 75 to demonstrate compliance with NO_x RACT.
7. Permit conditions that list 6NYCRR 237 (Acid Deposition Reduction NO_x Budget Trading Program) as the applicable requirement, limit the emissions of Oxides of Nitrogen (NO_x) in tons per year from the gas turbine emission unit during the non-ozone season (September 1 to April 30). The emissions are monitored with a NO_x CEMS in the stack. The record keeping and monitoring requirements are prescribed by the regulation.
8. Permit conditions that list 6NYCRR 238 (Acid Deposition Reduction SO₂ Budget Trading Program) as the applicable requirement, limit the emissions of Sulfur Dioxide (SO₂) in tons per year from the gas turbine emission unit. The emissions are monitored through fuel use and fuel analysis for sulfur content. The record keeping and monitoring requirements are prescribed by the regulation.
9. Permit conditions that list 40CFR60 subpart A (New Source Performance Standards (NSPS) - General Provisions) as the applicable requirement, requires the facility to comply with notification, monitoring, record keeping, and reporting requirements that all NSPS sources are subject to.
10. The auxiliary boiler is subject to permit conditions that list 40CFR60 subpart Db (New Source Performance Standards for Industrial-Commercial-Institutional Steam Generating Units, 100 to 250 million Btu per hour) as the applicable requirement, and limit the emissions of Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), particulates, and opacity. The record keeping and monitoring requirements are prescribed by the regulation. However the PSD SO₂ and NO_x permit conditions contain the most stringent requirements from all the applicable requirements to reduce duplication. This also requires the

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installation, certification and use of a continuous opacity monitor.

11. The duct burner is subject to permit conditions that list 40CFR60 subpart Dc (New Source Performance Standards for Industrial-Commercial-Institutional Steam Generating Units, 10 to 100 million Btu per hour) as the applicable requirement, and limit the emissions of Nitrogen Oxide (NO_x), particulates, and opacity. The record keeping and monitoring requirements are prescribed by the regulation. However the PSD NO_x permit conditions contain the most stringent requirements from all the applicable NO_x requirements to reduce duplication.

12. The combustion gas turbine is subject to permit conditions that list 40CFR60 subpart GG (New Source Performance Standards for Stationary Gas Turbines) as the applicable requirement, and limits the emissions of Sulfur Dioxide (SO₂), Nitrogen Oxide (NO_x), and opacity. The record keeping and monitoring requirements are prescribed by the regulation. However the PSD SO₂ and NO_x permit conditions contain the most stringent requirements from all the applicable requirements to reduce duplication.

13. The permittee is exempt from the requirements of Continuous Assurance Monitoring (CAM, 40CFR Part 64) because this permit includes continuous compliance determinations for NO_x, the one pollutant that has a potential to emit over 100 tons per year and uses an emission control/reduction process to reduce emissions. NO_x is monitored with a continuous emission monitoring system.