New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 4-0122-00078/00013 Modification Number: 1 **03/20/2007**

Facility Identification Data
Name: SELKIRK COGENERATION PROJECT
Address: 24 POWER PARK DR ON GE PROPERTY
SELKIRK, NY 12158-2299

Owner/Firm
Name: SELKIRK COGEN PARTNERS LP
Address: 24 POWER PARK DRIVE
SELKIRK, NY 12158-2299, USA
Owner Classification: Corporation/Partnership

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24 POWER PARK DRIVE
SELKIRK, NY 12158-2299

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
Title 5 Permit, Modification 1. This modification revises the language in Condition 269, Mod 0 to allow; corrective boiler maintenance not to exceed four hours per occurance, and to reset a firing rate limit for

the boilers that was incorrectly written.

Attainment Status
SELKIRK COGENERATION PROJECT is located in the town of BETHLEHEM in the county of ALBANY.
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*	MARGINAL 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
Selkirk Cogeneration Project (SCP) is a 345 MW combined cycle cogeneration facility that generates electricity under contract to utility customers and provides steam to an industrial steam customer. The facility consists of two phases. Phase I consists of a gas turbine and associated heat recovery steam generator with supplemental firing and on steam turbine generator. Phase II consists of two combustion turbines, two heat recovery steam generators with supplemental firing and one steam turbine generator. Each gas turbine is equipped with a GE Frame 7 Quiet Combustor low NOx burner and steam injector for NOx control. Units 2 and 3 are also equipped with a selective catalytic reduction (SCR) to control the emissions of NOx. SCP operates four utility boilers as secondary steam generator units to assure an uninterruptable supply of steam to the industrial steam customer. The facility was approved a BACT facility for PSD purposes.

Permit Structure and Description of Operations
The Title V permit for SELKIRK COGENERATION PROJECT 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.

SELKIRK COGENERATION PROJECT is defined by the following emission unit(s):
Emission unit U00004 - This emission unit consists of four auxiliary boilers. Boiler No. 2 is a Murray Iron Works 60 MMBtu/hr boiler. Boiler No. 3 is a Combustion Engineering A-Type rated at 180 MMBtu/hr. Boilers No 4 & 5 are identical Babcock & Wilcox D-Type rated at 180 MMBtu/hr each. All boilers may fire natural gas, oil or a gas/oil mixture. There are four emissions points for this emission unit. All boilers are operated on an intermittent basis to supplement steam produced by the facility turbine/HRSG combustion units and to assure an uninterruptable steam supply to the industrial steam customer.
Emission unit U00004 is associated with the following emission points (EP):
00601, 00602, 00605, 00607
It is further defined by the following process(es):
Process: B2GBoiler No. 2 Murray Iron Works 60 MMBtu/hr boiler firing natural gas.
Process: B2OBoiler No. 2 Murray Iron Works 60 MMBtu/hr boiler firing distillate oil or oil/gas.
Process: B3GBoiler No. 3 Combustion Engineering A-Type package boiler firing natural gas.
Process: B3OBoiler No. 3 Combustion Engineering A-Type package boiler firing distillate oil or oil/gas.
Process: B4GBoiler No. 4 Babcock and Wilcox D-Type package boiler firing natural gas.
Process: B4OBoiler No. 4 Babcock and Wilcox D-Type package boiler firing distillate oil or oil/gas.
Process: B5GBoiler No. 5 Babcock and Wilcox D-Type package boiler firing natural gas.
Process: B5OBoiler No. 5 Babcock and Wilcox D-Type package boiler firing distillate oil or oil/gas.

Emission unit U00002 - Emission unit U-00002 consists of 2 General Electric Frame 7 Standard Combustor combustion turbines and associated heat recovery steam generators (HRSGs) each equipped with a duct burner. The turbines may operate on gas, oil or gas/oil. The duct burner may operate only on gas. The rated heat input for each turbine/HRSG combustion unit is 1192.3 MMBtu/hr making the total

heat input for the emission unit 2384.6 MMBtu/hr. NOx emissions from the gas turbines/HRSGs are controlled with selective catalytic reduction. There are two emission points associated with this emission unit. The combustion turbines are located in the gas turbine building and HRSGs are located outside.
Emission unit U00002 is associated with the following emission points (EP):
00002, 00003
It is further defined by the following process(es):
Process: 23GOne or two GE Frame 7 combustion turbines firing natural gas with or without the supplemental firing of one or two duct burners firing gas with the gas turbines operating at any load. NOx emissions are controlled with steam injection and selective catalytic reduction.
Process: 23OOne or two GE Frame 7 combustion turbines firing distillate oil or oil/gas with or without the supplemental firing of one or two duct burners firing natural gas with the gas turbine operating at any load. NOx emissions are controlled with steam injection and selective catalytic reduction.
Process: 2DBPhase 2, units 2 or 3, duct burner firing natural gas.
Process: 2GBPhase 2 GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at baseload.
Process: 2GLPhase 2 GE Frame combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at base low flow.
Process: 2OBPhase 2 GE Frame combustion turbine firing oil with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine unit operating at baseload.
Process: 2OLPhase 2 GE Frame combustion turbine firing oil with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine unit operating at base low flow.

Emission unit U00001 - Emission unit U-00001 consists of a General Electric Frame 7 Quiet Combustor turbine and associated heat recovery steam generator (HRSG) equipped with a duct burner. The turbine may operate on gas, oil, or gas/oil. The duct burner may operate only on gas. The rated heat input for this emission unit is 1161.9 MMBtu/hr. There is one emission point associated with this emission unit. The combustion turbine and HRSG are located outside, therefore no buildings are associated with this emission unit that contain emission points or processes as defined by the application instructions.
Emission unit U00001 is associated with the following emission points (EP):
00001
It is further defined by the following process(es):
Process: 1BGPhase 1 GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at baseload.
Process: 1BOPhase 1 GE Frame 7 combustion turbine firing oil with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine operating at baseload.
Process: 1DBPhase1, unit 1, duct burner firing natural gas.
Process: 1GLPhase 1 GE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine operating at base low flow.
Process: 1HGGE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine unit operating at or above base low flow. NOx emissions are controlled with steam injection.
Process: 1HOGE Frame 7 combustion turbine firing distillate oil or oil/gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating at or above base low flow. NOx emissions are controlled with steam injection.
Process: 1LFPhase 1 GE Frame 7 combustion turbine firing oil with or without the supplemental firing of

the duct burner also firing natural gas and with the gas turbine operating at base low flow.
Process: 1LGGE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner also firing natural gas and with the gas turbine operating below the less of 784 MMBtu/hr and base low flow. NOx emissions are controlled with steam injection.
Process: 1LOGE Frame 7 combustion turbine firing distillate oil or oil/gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating below the lesser of 784 MMBtu/hr and base low flow. NOx emissions from the gas turbine are controlled with steam injection.
Process: 1MGGE Frame 7 combustion turbine firing natural gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating between 784 mmBTU/hr and base low flow. NOx emissions from the gas turbine are controlled with steam injection.
Process: 1MOGE Frame 7 combustion turbine firing distillate oil/gas with or without the supplemental firing of the duct burner firing natural gas and with the gas turbine operating between 784 mmBTU/hr and base low flow. NOx emissions are controlled with steam injection.

Emission unit U00005 - This emission unit consists of a 42,000 gallon ammonium hydroxide storage tank. Ammonium hydroxide is used to reduce NOx emissions and is injected into the exhaust gas prior to the selective catalytic reduction (SCR) unit. The tank has a vent that is maintained at 1-2 psi pressure to reduce or prevent the release of NH3 vapors.
Emission unit U00005 is associated with the following emission points (EP):
00005
It is further defined by the following process(es):
Process: TNKThis unit is a 42,000 gallon tank used to store ammonium hydroxide solution. The maximum amount of ammonium hydroxide stored is 37,800 gallons. Ammonium hydroxide is used to control nitrogen oxides in the gas turbine selective catalytic reduction control systems. The tank relief vent is maintained at 1-2 psi to reduce or prevent the release of ammonia vapors.

Title V/Major Source Status
SELKIRK COGENERATION PROJECT is subject to Title V requirements. This determination is based on the following information:
This facility is major due to their PTE emissions exceeding 100 tons/year thresholds for NOX, SO2, CO and PM. The facility is also major for HAPs (25 ton threshold) and VOC (50 ton threshold).

Program Applicability
The following chart summarizes the applicability of SELKIRK COGENERATION PROJECT 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	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.

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.

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

1-03-005-01	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - DISTILLATE OIL Grades 1 and 2 Oil
1-03-006-02	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - NATURAL GAS 10-100 MMBtu/Hr
1-03-006-01	EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INDUSTRIAL COMMERCIAL/INSTITUTIONAL BOILER - NATURAL GAS Over 100 MMBtu/Hr
1-01-006-01	EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION ELECTRIC UTILITY BOILER - NATURAL GAS Boilers > 100 MBtu/Hr except Tangential
2-01-001-01	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - DISTILLATE OIL (DIESEL) Turbine
2-01-002-01	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - NATURAL GAS Turbine

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 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		>= 50 tpy but < 100 tpy
007440-36-0	ANTIMONY(HAP)		> 0 but < 10 tpy
000630-08-0	CARBON MONOXIDE		>= 250 tpy
007440-47-3	CHROMIUM(HAP)		> 0 but < 10 tpy

000050-00-0	FORMALDEHYDE(HAP)	>= 10 tpy
0NY100-00-0	HAP	>= 25 tpy but < 40 tpy
007439-92-1	LEAD(HAP)	> 0 but < 10 tpy
007439-96-5	MANGANESE(HAP)	> 0 but < 10 tpy
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS(HAP)	> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN	>= 250 tpy
0NY075-00-0	PARTICULATES	>= 100 tpy but < 250 tpy
007723-14-0	PHOSPHORUS (YELLOW)(HAP)	> 0 but < 10 tpy
0NY075-00-5	PM-10	>= 100 tpy but < 250 tpy
007446-09-5	SULFUR DIOXIDE	>= 250 tpy
007664-93-9	SULFURIC ACID	>= 40 tpy but < 50 tpy
0NY998-00-0	VOC	>= 50 tpy but < 100 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 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 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 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 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.

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	Regulation	Short Description	Condition
Facility/EU/EP/Process/ES			

FACILITY	ECL 19-0301	Powers and Duties of the Department with respect to air pollution control	278
FACILITY	40CFR 52-A.21	Prevention of Significant Deterioration	39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49
U-00001	40CFR 52-A.21	Prevention of Significant Deterioration	63, 64, 65, 66
U-00001/00001	40CFR 52-A.21	Prevention of Significant Deterioration	91, 92, 93, 94, 95
U-00001/00001/1BG/OOGT1	40CFR 52-A.21	Prevention of Significant Deterioration	96, 97, 98, 99
U-00001/00001/1BO/OOGT1	40CFR 52-A.21	Prevention of Significant Deterioration	100, 101, 102, 103
U-00001/00001/1DB/OODB1	40CFR 52-A.21	Prevention of Significant Deterioration	104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115
U-00001/00001/1GL/OOGT1	40CFR 52-A.21	Prevention of Significant Deterioration	116, 117, 118, 119
U-00001/00001/1HG	40CFR 52-A.21	Prevention of Significant Deterioration	120, 121, 122, 123
U-00001/00001/1HG/OOGT1	40CFR 52-A.21	Prevention of Significant Deterioration	124, 125, 126, 127
U-00001/00001/1HO	40CFR 52-A.21	Prevention of Significant Deterioration	128, 129, 130, 131
U-00001/00001/1HO/OOGT1	40CFR 52-A.21	Prevention of Significant Deterioration	132, 133, 134, 135
U-00001/00001/1LF/OOGT1	40CFR 52-A.21	Prevention of Significant Deterioration	136, 137, 138, 139
U-00001/00001/1LG	40CFR 52-A.21	Prevention of Significant Deterioration	140, 141, 142, 143
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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.

6NYCRR Part 200-.5
Allows for the sealing of non-compliant air contamination sources

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 201-1.2
Any existing emission source that is required to be permitted or registered but has not done so, must apply for the necessary permit or registration. The source is subject to all regulations that were applicable at the time the original permit or registration was required as well as any subsequent applicable requirements that came into effect since.

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 201-5
This regulation applies to those permit terms and conditions which are not federally enforceable. It specifies the applicability criteria for state facility permits, the information to be included in all state facility permit applications as well as the permit content, terms of permit issuance, and sets guidelines for modifying state facility permits and allowing for operational flexibility. For permitting purposes, this rule specifies the need to list all emission units except those that are exempt or trivial pursuant to Subpart 201-3 in the permit application and provide a description of the emission unit's processes and products. Finally, this rule also provides the Department the authority to include this and any other information that it deems necessary to identify applicable Federal standards, recordkeeping and reporting requirements, and establish terms and conditions that will ensure compliance with the national ambient air quality standards.

6NYCRR Part 201-5.3(b)
Lists those contaminants subject to contaminant specific requirements

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.

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 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 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 there 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, SELKIRK COGENERATION PROJECT 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
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.11
This regulation specifies the type of opacity monitoring requirements in relation to compliance with the standards and maintenance requirements.

40CFR 60-A.12
This regulation prohibits an owner or operator from concealing emissions in violation of applicable standards by any means.

40CFR 60-A.13
This regulation specifies how monitoring shall be performed and which methods and appendices are used to determine if the monitoring is adequate and in compliance with the regulated standards.

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.

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.8 (a)
This regulation contains the requirements for the completion date and reporting of Performance Testing (stack testing), at the facility. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup, the owner or operator of the facility must conduct performance test(s) and furnish a written report of the test results.

40CFR 60-A.8 (b)
This regulation contains the requirements for Performance test methods and procedures, to be used by the owner or operator , of the affected facility.

40CFR 60-A.8 (c)

This condition contains the requirements for operating conditions, of the emission source, during performance testing.

40CFR 60-A.8 (d)
This regulation contains the requirements for advance notification of Performance (stack) testing.

40CFR 60-A.8 (e)
This regulation requires the facility to provide appropriate sampling ports, safe platforms and utilities as necessary for Performance (stack) testing.

40CFR 60-A.8 (f)
This regulation requires that Performance (stack) tests consist of three runs unless otherwise specified. The rule also designates the allowable averaging methods for the analysis of the results.

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-Db.44b (a) (4)
These standards apply to boilers firing natural gas and/or distillate oil as provided in 40 CFR 60.44b(a)(4) Duct Burners Used in a Comdined Cycle System.

40CFR 60-Db.49b
This rule specifies the reporting and recordkeeping requirements for affected steam generating units.

40CFR 60-GG.334 (b)
This regulation allows the owner/operator of a gas turbine to use a CEMS to monitor NOx emissions instead of monitoring fuel and water/steam usage.

40CFR 60-GG.334 (h)
This regulation requires the applicant to monitor the sulfur and nitrogen content of the fuel being burned in the turbine.

40CFR 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.

6NYCRR 201-6.5 (a) (4)
This mandatory requirement applies to all Title V facilities. It requires the permittee to provide any 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 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 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 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 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 maybe subject to an off permit change.

6NYCRR 204-1.6
This condition requires the designated representative of the permittee to make submissions for the NOx Bugdet 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 204-7.1
This condition lists the requirements for transfer of allowances in 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 204-8.3
This condition states the requirements for data substitution during times when the monitoring systems to not meet applicable quality assurance requirements.

6NYCRR 204-8.7
This condition is a requirement for monitoring and reporting if a particular monitoring scenario is utilitzed.

6NYCRR 225-1.8 (a)
Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years

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 (b)
This paragraph provides a table for gas only, gas and/or oil firing capable, pulverized coal, and overfeed stoker emission limits. Compliance is determined by a stack test.

6NYCRR 227-2.4 (c) (2)
This regulation 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 following emission limits (listed in pounds NOx per million Btu) by May 31, 1985:

for Gas fuel -	0.10
for Distillate Oil -	0.12
for Residual Oil -	0.30

Compliance with these emission limits are 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.

6NYCRR 227-2.6 (b) (5)
This source is required by NYCRR Part 227 to install, operate and periodically certify a CEMS. However, because this source is also subject to NYS Part 204 it must follow the procedures of Part 204 for CEMS to demonstrate compliance with this Part (227).

6NYCRR 237-1.4 (a)
This condition specifies that any emission unit or facility with a unit; that at any time on or after January 1, 1999, serves a generator with a nameplate capacity equal to or greater than 25 MWe, and sells any amount of electricity, is a NOx budget unit and subject to the requirements of NYCRR 237

6NYCRR 237-1.6 (a)
This conditon requires the applicant to submit a NOx budget application for a permit and to operate in compliance with that permit.

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 237-1.6 (f)
This describes the liability issues regurding the requirements of the ADR NOx Budget Trading Program .

6NYCRR 237-1.6 (g)
This item states that no provision of the ADR NOx Budget Trading Program, a NOx budget permit application, or a NOx budget permit, will exempt or exclud the owners and operators from compliance with any other provisions of applicable State and federal law and regulations.

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 requirments of the compliance certification report.

6NYCRR 237-7.1
This item specifies what information and actions are necesary 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.

ECL 19-0301

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.

Non Applicability Analysis
List of non-applicable rules and regulations:

Location Facility/EU/EP/Process/ES	Short Description	Regulation
U-00001	Sulfur in Fuel Limitations Pre January 1, 1988 (SIP standards).	6NYCRR 225-1.2(a)(1)

Reason: SCP's PSD permit requires that the entire facility use fuel oil with a sulfur content lower than specified by 6 NYCRR 225-1.2(a)(1). Therefore, this rule does not apply.

U-00002	Sulfur in Fuel Limitations Pre January 1, 1988 (SIP standards).	6NYCRR 225-1.2(a)(1)

Reason: SCP's PSD permit requires that the entire facility use fuel oil with a sulfur content lower than specified by 6 NYCRR 225-1.2(a)(1). Therefore, this rule does not apply.

U-00004	Sulfur in Fuel Limitations Post 12/31/87.	6NYCRR 225-1.2(a)(2)

Reason: A SOx monitor is not required because the facility is subject to representative sampling and sulfur analysis in accordance with 40 CFR 60.334 and 60.335.

Reason: A SOx monitor is not required because the facility is subject to representative sampling and sulfur analysis in accordance with 40 CFR 60.334 and 60.335.

Reason: SCP's PSD permit requires that the entire facility use fuel oil with a sulfur content lower than specified by 6 NYCRR 225-1.2(a)(1). Therefore, this rule does not apply.

U-00002	Emission and fuel monitoring.	6NYCRR 225-1.7U-00001
U-00001	Particulate Emissions from Liquid Fuels.	6NYCRR 227-1.2(a)(1)

Reason: SCP's PSD permit provides for a lower particulate emission limit than the 0.1 lb/MMBtu limit specified by 6 NYCRR 227-1.2(a)(1). Therefore, this rule does not apply.

U-00002	Particulate Emissions from Liquid Fuels.	6NYCRR 227-1.2(a)(1)

Reason: SCP's PSD permit provides for a lower particulate emission limit than the 0.1 lb/MMBtu limit specified by 6 NYCRR 227-1.2(a)(1). Therefore, this rule does not apply.

U-00001	Testing, monitoring, and reporting requirements for combined cycle turbines over 250 mmBtu/hr.	6NYCRR 227-2.6(a)(5)

Reason: SCP's PSD permit provides for more restrictive emission and operating limits than provided in this rule. The compliance plan and amendments submitted in accordance with 6 NYCRR 227-2.3(a) specify compliance with the PSD permit conditions.

U-00002	Testing, monitoring, and reporting requirements for combined cycle turbines over 250 mmBtu/hr.	6NYCRR 227-2.6(a)(5)

Reason: SCP's PSD permit provides for more restrictive emission and operating limits than provided in this rule. The compliance plan and amendments submitted in accordance with 6 NYCRR 227-2.3(a) specify compliance with the PSD permit conditions.

NOTE: Non-applicability determinations are cited as a permit condition under 6 NYCRR Part 201-6.5(g). This information is optional and provided only if the applicant is seeking to obtain formal confirmation, within an issued Title V permit, that specified activities are not subject to the listed federal applicable or state only requirement. The applicant is seeking to obtain verification that a requirement does not apply for the stated reason(s) and the Department has agreed to include the non-applicability determination in the issued Title V permit which in turn provides a shield against any potential enforcement action.

Compliance Certification

Summary of monitoring activities at SELKIRK COGENERATION PROJECT:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
	Emission and fuel monitoring. 6NYCRR 225-1.7	
FACILITY	record keeping/maintenance procedures	40
FACILITY	record keeping/maintenance procedures	41
FACILITY	work practice involving specific operations	42
FACILITY	record keeping/maintenance procedures	43
FACILITY	record keeping/maintenance procedures	44
FACILITY	record keeping/maintenance procedures	45
FACILITY	record keeping/maintenance procedures	46
FACILITY	record keeping/maintenance procedures	47
FACILITY	record keeping/maintenance procedures	48
FACILITY	record keeping/maintenance procedures	49
U-00001	work practice involving specific operations	65
U-00001	record keeping/maintenance procedures	66
U-00001/00001	work practice involving specific operations	91
U-00001/00001	work practice involving specific operations	92
U-00001/00001	work practice involving specific operations	93
U-00001/00001	record keeping/maintenance procedures	94
U-00001/00001	work practice involving specific operations	95
U-00001/00001/1BG/OOGT1	intermittent emission testing	96
U-00001/00001/1BG/OOGT1	intermittent emission testing	97
U-00001/00001/1BG/OOGT1	intermittent emission testing	98

U-00001/00001/1BG/OOGT1	intermittent emission testing	99
U-00001/00001/1BO/OOGT1	intermittent emission testing	100
U-00001/00001/1BO/OOGT1	intermittent emission testing	101
U-00001/00001/1BO/OOGT1	intermittent emission testing	102
U-00001/00001/1BO/OOGT1	intermittent emission testing	103
U-00001/00001/1DB/OODB1	intermittent emission testing	104
U-00001/00001/1DB/OODB1	intermittent emission testing	105
U-00001/00001/1DB/OODB1	intermittent emission testing	106
U-00001/00001/1DB/OODB1	intermittent emission testing	107
U-00001/00001/1DB/OODB1	intermittent emission testing	108
U-00001/00001/1DB/OODB1	intermittent emission testing	109
U-00001/00001/1DB/OODB1	intermittent emission testing	110
U-00001/00001/1DB/OODB1	intermittent emission testing	111
U-00001/00001/1DB/OODB1	intermittent emission testing	112
U-00001/00001/1DB/OODB1	intermittent emission testing	113
U-00001/00001/1DB/OODB1	intermittent emission testing	114
U-00001/00001/1DB/OODB1	intermittent emission testing	115
U-00001/00001/1GL/OOGT1	intermittent emission testing	116
U-00001/00001/1GL/OOGT1	intermittent emission testing	117
U-00001/00001/1GL/OOGT1	intermittent emission testing	118
U-00001/00001/1GL/OOGT1	intermittent emission testing	119
U-00001/00001/1HG	continuous emission monitoring (cem)	120
U-00001/00001/1HG	continuous emission monitoring (cem)	121
U-00001/00001/1HG	continuous emission monitoring (cem)	122
U-00001/00001/1HG	continuous emission monitoring (cem)	123
U-00001/00001/1HG/OOGT1	intermittent emission testing	124
U-00001/00001/1HG/OOGT1	intermittent emission testing	125
U-00001/00001/1HG/OOGT1	intermittent emission testing	126
U-00001/00001/1HG/OOGT1	intermittent emission testing	127
U-00001/00001/1HO	continuous emission monitoring (cem)	128
U-00001/00001/1HO	continuous emission monitoring (cem)	129
U-00001/00001/1HO	continuous emission monitoring (cem)	130
U-00001/00001/1HO	continuous emission monitoring (cem)	131
U-00001/00001/1HO/OOGT1	intermittent emission testing	132
U-00001/00001/1HO/OOGT1	intermittent emission testing	133
U-00001/00001/1HO/OOGT1	intermittent emission testing	134
U-00001/00001/1HO/OOGT1	intermittent emission testing	135
U-00001/00001/1LF/OOGT1	intermittent emission testing	136
U-00001/00001/1LF/OOGT1	intermittent emission testing	137
U-00001/00001/1LF/OOGT1	intermittent emission testing	138
U-00001/00001/1LF/OOGT1	intermittent emission testing	139
U-00001/00001/1LG	continuous emission monitoring (cem)	140
U-00001/00001/1LG	continuous emission monitoring (cem)	141
U-00001/00001/1LG	continuous emission monitoring (cem)	142
U-00001/00001/1LG	continuous emission monitoring (cem)	143
U-00001/00001/1LG/OOGT1	intermittent emission testing	144
U-00001/00001/1LG/OOGT1	intermittent emission testing	145
U-00001/00001/1LG/OOGT1	intermittent emission testing	146
U-00001/00001/1LG/OOGT1	intermittent emission testing	147
U-00001/00001/1LO	continuous emission monitoring (cem)	148
U-00001/00001/1LO	continuous emission monitoring (cem)	149
U-00001/00001/1LO	continuous emission monitoring (cem)	150
U-00001/00001/1LO	continuous emission monitoring (cem)	151
U-00001/00001/1LO/OOGT1	intermittent emission testing	152
U-00001/00001/1LO/OOGT1	intermittent emission testing	153
U-00001/00001/1LO/OOGT1	intermittent emission testing	154
U-00001/00001/1LO/OOGT1	intermittent emission testing	155
U-00001/00001/1MG	continuous emission monitoring (cem)	156
U-00001/00001/1MG	continuous emission monitoring (cem)	157
U-00001/00001/1MG	continuous emission monitoring (cem)	158
U-00001/00001/1MG	continuous emission monitoring (cem)	159
U-00001/00001/1MG/OOGT1	intermittent emission testing	160
U-00001/00001/1MG/OOGT1	intermittent emission testing	161

U-00001/00001/1MG/OOGT1	intermittent emission testing	162
U-00001/00001/1MG/OOGT1	intermittent emission testing	163
U-00001/00001/1MO	continuous emission monitoring (cem)	164
U-00001/00001/1MO	continuous emission monitoring (cem)	165
U-00001/00001/1MO	continuous emission monitoring (cem)	166
U-00001/00001/1MO	continuous emission monitoring (cem)	167
U-00001/00001/1MO/OOGT1	intermittent emission testing	168
U-00001/00001/1MO/OOGT1	intermittent emission testing	169
U-00001/00001/1MO/OOGT1	intermittent emission testing	170
U-00001/00001/1MO/OOGT1	intermittent emission testing	171
U-00002	record keeping/maintenance procedures	186
U-00002	record keeping/maintenance procedures	187
U-00002	work practice involving specific operations	188
U-00002/-/23G	continuous emission monitoring (cem)	210
U-00002/-/23G	continuous emission monitoring (cem)	211
U-00002/-/23G	continuous emission monitoring (cem)	212
U-00002/-/23G	continuous emission monitoring (cem)	213
U-00002/-/23G	continuous emission monitoring (cem)	214
U-00002/-/23G	continuous emission monitoring (cem)	215
U-00002/-/23G/OGT23	intermittent emission testing	216
U-00002/-/23G/OGT23	intermittent emission testing	217
U-00002/-/23G/OGT23	intermittent emission testing	218
U-00002/-/23G/OGT23	intermittent emission testing	219
U-00002/-/23O	continuous emission monitoring (cem)	220
U-00002/-/23O	continuous emission monitoring (cem)	221
U-00002/-/23O	continuous emission monitoring (cem)	222
U-00002/-/23O	continuous emission monitoring (cem)	223
U-00002/-/23O	continuous emission monitoring (cem)	224
U-00002/-/23O	continuous emission monitoring (cem)	225
U-00002/-/23O/OGT23	intermittent emission testing	226
U-00002/-/23O/OGT23	intermittent emission testing	227
U-00002/-/23O/OGT23	intermittent emission testing	228
U-00002/-/23O/OGT23	intermittent emission testing	229
U-00002/-/23O/OGT23	intermittent emission testing	230
U-00002/-/23O/OGT23	intermittent emission testing	231
U-00002/-/2DB/ODB23	intermittent emission testing	233
U-00002/-/2DB/ODB23	intermittent emission testing	234
U-00002/-/2DB/ODB23	intermittent emission testing	235
U-00002/-/2DB/ODB23	intermittent emission testing	236
U-00002/-/2DB/ODB23	intermittent emission testing	237
U-00002/-/2DB/ODB23	intermittent emission testing	238
U-00002/-/2DB/ODB23	intermittent emission testing	239
U-00002/-/2DB/ODB23	intermittent emission testing	240
U-00002/-/2DB/ODB23	intermittent emission testing	241
U-00002/-/2DB/ODB23	intermittent emission testing	242
U-00002/-/2DB/ODB23	intermittent emission testing	243
U-00002/-/2DB/ODB23	intermittent emission testing	244
U-00002/-/2GB/OGT23	intermittent emission testing	245
U-00002/-/2GB/OGT23	intermittent emission testing	246
U-00002/-/2GB/OGT23	intermittent emission testing	247
U-00002/-/2GB/OGT23	intermittent emission testing	248
U-00002/-/2GL/OGT23	intermittent emission testing	249
U-00002/-/2GL/OGT23	intermittent emission testing	250
U-00002/-/2GL/OGT23	intermittent emission testing	251
U-00002/-/2GL/OGT23	intermittent emission testing	252
U-00002/-/2OB/OGT23	intermittent emission testing	253
U-00002/-/2OB/OGT23	intermittent emission testing	254
U-00002/-/2OB/OGT23	intermittent emission testing	255
U-00002/-/2OB/OGT23	intermittent emission testing	256
U-00002/-/2OL/OGT23	intermittent emission testing	257
U-00002/-/2OL/OGT23	intermittent emission testing	258

U-00002/-/2OL/OGT23	intermittent emission testing	259
U-00002/-/2OL/OGT23	intermittent emission testing	260
U-00002/00002	work practice involving specific operations	261
U-00002/00002	work practice involving specific operations	262
U-00002/00002	work practice involving specific operations	263
U-00002/00003	work practice involving specific operations	264
U-00002/00003	work practice involving specific operations	265
U-00002/00003	work practice involving specific operations	266
U-00004	record keeping/maintenance procedures	1-2
U-00001	record keeping/maintenance procedures	87
U-00002	record keeping/maintenance procedures	209
U-00001/00001	continuous emission monitoring (cem)	89
U-00001/00001	continuous emission monitoring (cem)	90
U-00002	continuous emission monitoring (cem)	172
U-00002	continuous emission monitoring (cem)	173
FACILITY	record keeping/maintenance procedures	5
FACILITY	record keeping/maintenance procedures	6
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U-00001	record keeping/maintenance procedures	59
U-00002	record keeping/maintenance procedures	180
U-00001	record keeping/maintenance procedures	60
U-00002	record keeping/maintenance procedures	181
U-00004	record keeping/maintenance procedures	267
U-00001	monitoring of process or control device parameters as surrogate	61
U-00002	monitoring of process or control device parameters as surrogate	182
U-00004	monitoring of process or control device parameters as surrogate	268
U-00004/00602/B3G	intermittent emission testing	272
U-00004/00602/B3O	intermittent emission testing	273
U-00004/00605/B4G	intermittent emission testing	274
U-00004/00605/B4O	intermittent emission testing	275
U-00004/00607/B5G	intermittent emission testing	276
U-00004/00607/B5O	intermittent emission testing	277
U-00004/00601/B2G	intermittent emission testing	270
U-00004/00601/B2O	intermittent emission testing	271
U-00001	record keeping/maintenance procedures	62
U-00002	record keeping/maintenance procedures	183
U-00001	record keeping/maintenance procedures	285
U-00002	record keeping/maintenance procedures	295
U-00001	record keeping/maintenance procedures	290
U-00002	record keeping/maintenance procedures	300
U-00001	record keeping/maintenance procedures	292
U-00002	record keeping/maintenance procedures	302

Basis for Monitoring

This Title V Air Permit submitted by Selkirk Cogeneration Partners to operate a 345 MW combined cycle power generation facility in Selkirk NY. The facility is an existing, major source as defined by: NYCRR Part 201 and 40 CFR 52-PSD. The facility is also subject but not limited to the following requirements; NYCRR Parts 200, 201, 202, 204, 211, 215, 225, 227, 237 40 CFR 60 Parts A, Db, and GG. Monitoring is required to demonstrate compliance with the aforementioned regulations. Monitoring may be of the following types; continuous, intermittent, work practice, monitoring of a process and