

## **New York State Department of Environmental Conservation**

### **Permit Review Report**

**Permit ID: 6-2320-00018/00010    Renewal Number: 1**



**10/06/2005**

#### **Facility Identification Data**

Name: BEAVER FALLS GENERATING FACILITY  
Address: MAIN STREET  
BEAVER FALLS, NY 13305

#### **Owner/Firm**

Name: WPS BEAVER FALLS GENERATION LLC  
Address: 1088 SPRINGHURST DRIVE  
GREEN BAY, WI 54304, USA  
Owner Classification: Corporation/Partnership

#### **Permit Contacts**

Division of Environmental Permits:  
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STATE OFFICE BLDG, 317 WASHINGTON ST  
WATERTOWN, NY 13601  
Phone: 3157852513

Division of Air Resources:  
Name: MATTHEW J POLGE  
Address: 317 WASHINGTON ST.  
WATERTOWN, NY 13601  
Phone: 3157852513

Air Permitting Facility Owner Contact:  
Name: RANDAL G OSWALD  
Address: WPS RESOURCES CORP  
700 N ADAMS ST PO BOX 19002  
GREEN BAY, WI 54307  
Phone: 9024331395

#### **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**

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Application for renewal of Air Title V Facility.

#### Attainment Status

BEAVER FALLS GENERATING FACILITY is located in the town of CROGHAN in the county of LEWIS.

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* 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

Facility consists of a Siemens V64.3 gas turbine, deltak heat recovery steam generator, Coen duct burner, and Ansaldo steam generator. Facility supplies electricity to the open market and process steam to a thermal host. Unit is equipped with SCR to control NOx emissions.

#### Permit Structure and Description of Operations

The Title V permit for BEAVER FALLS GENERATING FACILITY 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



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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.

BEAVER FALLS GENERATING FACILITY is defined by the following emission unit(s):

Emission unit U00001 - GAS TURBINE WITH HEAT RECOVERY STEAM GENERATOR WITH DUCT BURNERS AND AIR POLLUTION CONTROL EQUIPMENT FOR COGENERATION OF ELECTRICITY AND THERMAL ENERGY.

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

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

Process: 101 is located at OPERATING FLOOR, Building GENBLDG - NO. 2 DISTILLATE FUEL OIL COMBUSTION IN THE GAS TURBINE WITHOUT SIMULTANEOUS OPERATION OF DUCT BURNER. FUEL OIL USE IN THE GAS TURBINE IS LIMITED TO 2,000 HOURS PER YEAR AND 10,300,000 GALLONS PER YEAR CALCULATED ON A DAILY ROLLING BASIS.

Process: 102 is located at OPERATING FLOOR, Building GENBLDG - NO. 2 DISTILLATE FUEL OIL COMBUSTION IN GAS TURBINE WITH SIMULTANEOUS OPERATION OF DUCT BURNER FIRING NATURAL GAS. FUEL OIL USE IN THE GAS TURBINE IS LIMITED TO 2,000 HOURS PER YEAR AND 10,300,000 GALLONS PER YEAR CALCULATED ON A DAILY ROLLING BASIS.

Process: 103 is located at OPERATING FLOOR, Building GENBLDG - NATURAL GAS COMBUSTION IN GAS TURBINE WITHOUT SIMULTANEOUS OPERATION OF DUCT BURNER.

Process: 104 is located at OPERATING FLOOR, Building GENBLDG - NATURAL GAS COMBUSTION IN GAS TURBINE AND DUCT BURNER SIMULTANEOUSLY.

Process: 108 is located at Building GENBLDG - THIS PROCESS (108) ALLOWS FOR THE OPERATION OF THE EVAPORATIVE COOLER WHILE COMBUSTING FUEL IN THE GAS TURBINE WITH/WITHOUT SIMULTANEOUS OPERATION OF DUCT BURNER.

Emission unit U00002 - TWO EMERGENCY DIESEL POWERED GENERATORS. THE EMISSION LIMITS (LBS/HR) IN THIS APPLICATION ARE FOR OPERATION OF ONE EMERGENCY DIESEL GENERATOR.

Emission unit U00002 is associated with the following emission points (EP):  
00002, 00003

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



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Process: 201 is located at OPERATING FLOOR, Building GENBLDG - DISTILLATE FUEL OIL COMBUSTION IN EMERGENCY DIESEL GENERATOR. OPERATION OF EACH DIESEL ENGINE IS LIMITED TO 52 HOURS PER YEAR AND 30 MINUTES PER 24 HOUR PERIOD.

Emission unit U00004 - AUXILIARY BOILER WITH FLUE GAS RECIRCULATION FOR CONTROL OF NOX EMISSIONS. THIS BOILER IS USED FOR GENERATION OF THERMAL ENERGY.

Emission unit U00004 is associated with the following emission points (EP):  
00004

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

Process: 401 is located at OPERATING FLOOR, Building GENBLDG - NATURAL GAS COMBUSTION IN AUXILIARY BOILER.

### Title V/Major Source Status

BEAVER FALLS GENERATING FACILITY is subject to Title V requirements. This determination is based on the following information:

The facility is a major facility subject to the requirements of Title V. The facility's pollutant emissions which contribute to major source threshold are: Nitrogen Oxides and Carbon Monoxide. The facility is subject to Prevention of Significant Deterioration, 40 CFR 52.21 for Nitrogen Oxides, Sulfur Dioxide, Particulates, PM-10, and Carbon Monoxide.

### Program Applicability

The following chart summarizes the applicability of BEAVER FALLS GENERATING FACILITY 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

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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

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pollution control regulations which specifically regulate VOC and NO<sub>x</sub> 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
4931	ELEC & OTHER SERVICES COMBINED

### 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
1-02-006-02	EXTERNAL COMBUSTION BOILERS - INDUSTRIAL INDUSTRIAL BOILER - NATURAL GAS 10-100 MMBtu/Hr
2-02-001-01	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - DISTILLATE OIL (DIESEL)
2-02-001-03	Turbine INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - DISTILLATE OIL (DIESEL)
2-02-002-01	Turbine: Cogeneration INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - NATURAL GAS Turbine



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2-02-002-03 INTERNAL COMBUSTION ENGINES - INDUSTRIAL  
INDUSTRIAL INTERNAL COMBUSTION ENGINE - NATURAL  
GAS  
Turbine: Cogeneration  
2-02-004-01 INTERNAL COMBUSTION ENGINES - INDUSTRIAL  
INDUSTRIAL INTERNAL COMBUSTION LARGE BORE ENGINE  
Diesel

## 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	>= 25 tpy but < 40 tpy	
007440-36-0	ANTIMONY (HAP)	> 0 but < 10 tpy	
007440-38-2	ARSENIC (HAP)	> 0 but < 10 tpy	
007440-41-7	BERYLLIUM (HAP)	> 0 but < 10 tpy	
007440-43-9	CADMIUM (HAP)	> 0 but < 10 tpy	
000630-08-0	CARBON MONOXIDE	>= 100 tpy but < 250 tpy	
007440-47-3	CHROMIUM (HAP)	> 0 but < 10 tpy	
007440-48-4	COBALT (HAP)	> 0 but < 10 tpy	
0NY100-00-0	HAP	> 0 but < 2.5 tpy	
007439-92-1	LEAD (HAP)	> 0 but < 10 tpy	
007439-96-5	MANGANESE (HAP)	> 0 but < 10 tpy	
007439-97-6	MERCURY (HAP)	> 0 but < 10 tpy	
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS (HAP)	> 0 but < 10 tpy	
0NY210-00-0	OXIDES OF NITROGEN	>= 100 tpy but < 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	>= 50 tpy but < 100 tpy	
0NY998-00-0	VOC	>= 2.5 tpy but < 10 tpy	

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**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.



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**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 - 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.

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**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

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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.

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**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**

<b>Location Facility/EU/EP/Process/ES</b>	<b>Regulation</b>	<b>Short Description</b>	<b>Condition</b>
FACILITY	ECL 19-0301	Powers and Duties of the Department with respect to air pollution control	108
FACILITY	40CFR 52-A.21	Prevention of Significant Deterioration	42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56
U-00001	40CFR 52-A.21	Prevention of Significant Deterioration	65, 66, 67, 68,

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U-00001/-/101	40CFR 52-A.21	Prevention of Significant	83, 84,
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U-00001/-/102	40CFR 52-A.21	Prevention of Significant	87, 88,
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U-00001/-/104	40CFR 52-A.21	Prevention of Significant	93, 94
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U-00002/-/201	40CFR 52-A.21	Prevention of Significant	101, 102
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U-00004	40CFR 52-A.21	Prevention of Significant	103, 104
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U-00001	40CFR 60-A.7(d)	Notification and	76
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U-00001	40CFR 60-A.7(f)	Notification and	77
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U-00004	40CFR 60-A.7(f)	Notification and	105
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U-00002	40CFR 60-A.9	General provisions -	100
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U-00004	40CFR 60-A.9	General provisions -	106
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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-.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

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#### 6NYCRR Part 201-1.4

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

#### 6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

#### 6NYCRR Part 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air

#### 6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

#### 6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

#### 6NYCRR Part 201-6

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.



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

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

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

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

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

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

#### 6NYCRR Part 201-6.5(e)

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

#### 6NYCRR Part 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



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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, BEAVER FALLS GENERATING FACILITY 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 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

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operational limitations required from a BACT determination will have to be entered into the special permit conditions, separately by the permit reviewer.

#### 40CFR 52-A.21 (j) (1)

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.

#### 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.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 Enforcement and Compliance Assurance.

#### 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.9

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

#### 40CFR 60-Dc.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.

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#### 40CFR 60-Dc.48c (i)

This regulation requires the source owner or operator to retain all records for a minimum of two years for compliance with the NSPS. This does not supercede any requirement that is more stringent, including the Title V requirement to maintain records for for a minimum of 5 years.

#### 40CFR 60-GG

The combustion turbine used at this facility is subject to 40 CFR 60, Subpart GG.

#### 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) (3)

This regulation allows the owner or operator of a gas turbine to not monitor the fuel for sulfur or nitrogen content if the fuel meets the 40 CFR 60.331(u) definition of natural gas.

#### 40CFR 72-A.6 (a) (3) (vi)

Was an exempt IPP under 40 CFR 72.6(b)(6) but, at any time after the later of November 15, 1990 or the date the facility commences commercial operation, fails to meet the definition of independent power production facility.

(b)(6) An independent power production facility that:

- (i) Has, as of November 15, 1990, one or more qualifying power purchase commitments to sell at least 15 percent of its total planned net output capacity; and
- (ii) Consists of one or more units designated by the owner or operator with total installed net output capacity not exceeding 130 percent of its total planned net output capacity. If the emission rates of the units are not the same, the Administrator may exercise discretion to designate which units are exempt.

#### 40CFR 82

The purpose of this regulation is to implement standards on the protection of stratospheric ozone through the control of chloroflourocarbons (CFCs).

#### 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 202-1.3

This regulation requires that any emission testing, sampling and analytical determination used to determine compliance must use methods acceptable to the department. Acceptable test methods may include but are not limited to the reference methods found in 40 CFR Part 60 appendix A and Part 61, appendix B. Alternate methods may be also be used provided they are determined to be acceptable by the department. Finally, unless otherwise specified, all emission test reports must be submitted within 60 days after completion of testing.

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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 204-8.2

This condition covers the procedures for initially certifying and recertifying the monitoring systems of the unit meet the requirements of the NOx Budget Program

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 204-8.4

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 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 225-1.8 (d)

This requires that sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the commissioner.

6NYCRR 227 .2 (b) (1)

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

6NYCRR 227-2.1

This condition notes that a facility is subject to the reasonably available control technology (RACT) for

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oxides of nitrogen (NOx).

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 condition 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 regarding 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 exclude 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 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.

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### Compliance Certification

Summary of monitoring activities at BEAVER FALLS GENERATING FACILITY:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
FACILITY	continuous emission monitoring (cem)	42
FACILITY	continuous emission monitoring (cem)	43
FACILITY	continuous emission monitoring (cem)	44
FACILITY	continuous emission monitoring (cem)	45
FACILITY	continuous emission monitoring (cem)	46
FACILITY	intermittent emission testing	47
FACILITY	continuous emission monitoring (cem)	48
FACILITY	work practice involving specific operations	49
FACILITY	record keeping/maintenance procedures	50
FACILITY	continuous emission monitoring (cem)	51
FACILITY	intermittent emission testing	52
FACILITY	intermittent emission testing	53
FACILITY	continuous emission monitoring (cem)	54
FACILITY	record keeping/maintenance procedures	55
FACILITY	intermittent emission testing	56
U-00001	work practice involving specific operations	65
U-00001	work practice involving specific operations	66
U-00001	intermittent emission testing	67
U-00001	record keeping/maintenance procedures	68
U-00001	record keeping/maintenance procedures	69
U-00001	work practice involving specific operations	70
U-00001	record keeping/maintenance procedures	71
U-00001	work practice involving specific operations	72
U-00001/-/101	continuous emission monitoring (cem)	83
U-00001/-/101	continuous emission monitoring (cem)	84
U-00001/-/101	continuous emission monitoring (cem)	85
U-00001/-/101	continuous emission monitoring (cem)	86
U-00001/-/102	continuous emission monitoring (cem)	87
U-00001/-/102	continuous emission monitoring (cem)	88
U-00001/-/102	continuous emission monitoring (cem)	89
U-00001/-/102	continuous emission monitoring (cem)	90
U-00001/-/103	intermittent emission testing	91
U-00001/-/103	continuous emission monitoring (cem)	92
U-00001/-/104	continuous emission monitoring (cem)	93
U-00001/-/104	intermittent emission testing	94
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U-00002	record keeping/maintenance procedures	96
U-00002	record keeping/maintenance procedures	97
U-00002	record keeping/maintenance procedures	98
U-00002/-/201	work practice involving specific operations	101
U-00002/-/201	work practice involving specific operations	102
U-00004	record keeping/maintenance procedures	103
U-00004	record keeping/maintenance procedures	104
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FACILITY	record keeping/maintenance procedures	5
FACILITY	record keeping/maintenance procedures	6
FACILITY	record keeping/maintenance procedures	7
FACILITY	record keeping/maintenance procedures	30
FACILITY	record keeping/maintenance procedures	36
FACILITY	record keeping/maintenance procedures	38
FACILITY	record keeping/maintenance procedures	39
U-00001	intermittent emission testing	64
FACILITY	record keeping/maintenance procedures	113
FACILITY	record keeping/maintenance procedures	118
FACILITY	record keeping/maintenance procedures	120

### Basis for Monitoring

#### BASIS FOR MONITORING

Condition 34 - This condition requires the facility to submit an emission statement by April 15th of each year that details the amount of pollutants released into the atmosphere.

Condition 40 - This condition requires the facility to only combust fuel oil that has equal to or less than 0.08% by weight of sulfur.

Condition 41 - This condition requires the facility to continuously monitor and record the outside ambient temperature. This temperature is necessary to calculate the mass emission rates of pollutants released.

Condition 42 - The facility is required to admit NYSDEC personnel to do inspections at reasonable business hours.

Condition 43 - This condition requires the facility have a copy of their Title V permit posted in the control room.

Condition 45 - This condition requires the facility to continuously monitor and record the outside ambient temperature. This temperature is necessary to calculate the mass emission rates of pollutants released.

Condition 50 - The facility is required to maintain a file containing fuel oil supplier certifications for each shipment of oil received. The certifications must contain the supplier name, date of shipment, quantity of oil delivered, sulfur content, and method to determine sulfur content.

Condition 51 - This condition requires the facility to limit opacity (smoke density) to less than 40%.

Condition 52 - This condition limits fuel oil use in the duct burner to less than 1.4 million gallons.

Condition 53 - The facility must monitor the amount of fuel burned in the gas turbine and duct burner with an accuracy of +/- 5%.

Condition 54 - This condition sets the NOx mass emission limit that the gas turbine must meet. This emission limit varies with temperature.

Condition 55 - The facility is required to continuously calculate the mass emission rate for NOx and CO from the turbine/duct burner stack and determine if complies with permitted emission limits.



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Condition 56 - This condition allows the facility to burn natural gas and No. 2 distillate oil only.

Condition 4-2 - This condition provides the combustion turbine (emission unit U-00001) a particulate limit while operating under process 101.

Condition 4-3 - This condition provides the combustion turbine (emission unit U-00001) a particulate limit while operating under process 102.

Condition 4-4 - This condition provides the combustion turbine (emission unit U-00001) a particulate limit while operating under process 105.

Condition 4-5 - This condition provides the combustion turbine (emission unit U-00001) a particulate limit while operating under process 106.

Condition 4-6 - This condition provides the combustion turbine (emission unit U-00001) a particulate limit while operating under process 107.

Condition 2-3 - This condition requires the facility owner to submit a semi-annual report and specifies the contents of the report.

Condition 2-4 - This condition requires the facility owner to submit an annual report and specifies the contents of the report.

Condition 2-6 - The facility must monitor gas turbine operations when the evaporative cooler is operating to maintain emissions of NOx and VOCs below significance to avoid being subject to Part 231-2.

Condition 2-7 - The facility must perform stack testing on the gas turbine to determine compliance with this VOC limit.

Condition 2-8 - The facility must perform stack testing on the gas turbine and duct burner to determine compliance with this VOC limit.

Condition 2-9 - The facility must monitor gas turbine operations when the evaporative cooler is operating to maintain emissions of NOx and PM-10 below significance to avoid being subject to PSD, 40CFR 52.21.

Condition 2-10 - This condition specifies the minimum operation level of the gas turbine.

Condition 2-11 - This condition requires the facility to monitor the NOx mass emission limits in accordance with the established emission limit curves which are attached to the permit.

Condition 2-12 - This condition requires the facility owner to submit a quarterly report and specifies the contents of the report.

Condition 2-13 - The facility must perform particulate testing for emission unit U-00001 while operating under process 101.

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Condition 2-14 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions.

Condition 2-15 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions.

Condition 2-16 - The facility must perform particulate testing for emission unit U-00001 while operating under process 102.

Condition 2-17 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions.

Condition 2-18 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions.

Condition 2-19 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions.

Condition 1-19 - This condition specifies the minimum operation level of the gas turbine.

Condition 1-20 - The facility must perform stack testing on the gas turbine and duct burner to determine compliance with this VOC limit.

Condition 2-20 - This condition limits CO emissions from the gas turbine/duct burner combination.

Condition 1-21 - The facility must perform stack testing on the gas turbine to determine compliance with this VOC limit.

Condition 2-21 - The facility must perform stack testing on the gas turbine to determine compliance with this PM limit.

Condition 2-22 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions while operating under process 103.

Condition 2-23 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions while operating under process 103.

Condition 2-24 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions while operating under process 104.

Condition 2-25 - The facility must perform stack testing on the gas turbine to determine compliance with this PM limit.

Condition 2-26 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions while operating under process 104.

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Condition 2-27 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions while operating under process 105.

Condition 2-28 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions while operating under process 105.

Condition 2-29 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions while operating under process 106.

Condition 2-30 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions while operating under process 106.

Condition 2-31 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions while operating under process 107.

Condition 2-32 - This condition requires the facility to operate a continuous emission monitor for monitoring CO emissions while operating under process 107.

Condition 2-33 - This condition limits CO emissions from the gas turbine for process 101.

Condition 2-34 - This condition limits NOx emissions from the gas turbine for process 101.

Condition 2-35 - This condition limits CO emissions from the gas turbine for process 103.

Condition 2-36 - This condition limits NOx emissions from the gas turbine for process 103.

Condition 2-37 - This condition limits CO emissions from the gas turbine for process 104.

Condition 2-38 - This condition limits NOx emissions from the gas turbine/duct burner combination for process 104.

Condition 2-39 - This condition limits CO emissions from the gas turbine/duct burner combination for process 105.

Condition 2-40 - This condition limits NOx emissions from the gas turbine/duct burner combination for process 105.

Condition 58 - This condition requires the facility to provide a written schedule of testing 30 days prior.

Condition 59 - This condition requires the facility to submit a stack test protocol 60 days prior to performing testing of NOx and NH3.

Condition 60 - The facility must perform NOx stack testing within 180 days of startup after the SCR system for NOx control.

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Condition 61 - The facility must perform NOx stack testing within 180 days of startup after the SCR system for NOx control.

Condition 62 - Fuel oil use in the gas turbine is limited by this condition.

Condition 63 - The facility must perform ammonia stack testing within 180 days of startup after the SCR system for NOx control.

Condition 64 - The facility must maintain records of fuel oil burned.

Condition 73 - This condition requires the facility to monitor steam injection into the gas turbine and maintain records of steam used.

Condition 75 - This condition requires the facility to monitor fuel nitrogen in the gas turbine fuel.

Condition 76 - This condition limits fuel sulfur.

Condition 77 - This condition requires natural gas sampling in accordance with the custom fuel monitoring schedule.

Condition 79 - Emissions of NOx must be measured using test methods approved by the EPA administrator.

Condition 87 - Fuel oil usage in the gas turbine and duct burner is limited by this condition.

Condition 88 - This condition requires the facility to operate a continuous emission monitor for monitoring NOx emissions while operating under process 102.

Condition 89 - This condition limits CO emissions from the gas turbine/duct burner combination for process 102.

Condition 102 - Opacity is limited by this condition.

Condition 112 - The permittee must retain fuel oil supplier certifications for each shipment of fuel oil.

Condition 113 - Opacity is limited by this condition.

Condition 114 - This condition restricts operation of the emergency diesel generators and the auxiliary boiler.

Condition 115 - This condition restricts operation of the emergency diesel generators together.

Condition 116 - This condition requires the emergency diesel generators to fire No. 2 fuel oil only.

Condition 117 - This condition limits operation of the emergency diesel generators together.

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Condition 121 - This condition limits operation of the emergency diesel generators.

Condition 122 - This condition limits operation of the emergency diesel generators.

Condition 123 - Opacity is limited by this condition.

Condition 124 - Opacity is limited by this condition.

Condition 125 - Opacity is limited by this condition.

Condition 126 - The auxiliary boiler is limited to firing natural gas only.

Condition 127 - This condition restricts operation of the auxiliary boiler simultaneously with the gas turbine.

Condition 131 - The facility must record type and amount of fuel burned in the auxiliary boiler.

Condition 132 - Opacity is limited by this condition.

Condition 5-4 - This condition requires a compliance certification report from the Authorized Account Representative for each source subject to Part 204.

Condition 5-6 - This condition specifies the requirements the facility must undertake prior to acceptance of the certification tests.

Condition 5-11 - This condition specifies the address to send all required Part 204 reports.

Condition 5-14 - This condition limits PM emissions to 0.10 lb/mmbtu for each stationary combustion installation firing oil.

Condition 5-15 - This condition limits PM emissions to 0.10 lb/mmbtu for each stationary combustion installation firing oil.

Condition 5-17 - This condition limits PM emissions to 0.10 lb/mmbtu for each stationary combustion installation firing oil.

Condition 5-18 - This condition limits PM emissions to 0.10 lb/mmbtu for each stationary combustion installation firing oil.

Condition 5-19 - This condition limits PM emissions to 0.10 lb/mmbtu for each stationary combustion installation firing oil.