New York State Department of Environmental Conservation

Permit Review Report

Permit ID: 9-0258-00018/00023 **11/27/2002**

Facility Identification Data
Name: RG&E ALLEGANY STATION #133
Address: 11537 ROUTE 19A
City: FILLMORE
Zip: 14735

Owner/Firm
Name: ROCHESTER GAS & ELECTRIC CORP
City: ROCHESTER
State: NY Country: USA Zip: 14649
Owner Classification: Corporation/Partnership

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Permit Description

Introduction

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

Summary Description of Proposed Project
THIS APPLICATION REPRESENTS THE INITIAL TITLE V OPERATING PERMIT FILING FOR

ALLEGANY STATION. THE FACILITY WAS CONSTRUCTED AND OPERATED AS A QUALIFIED FACILITY (QF) UNDER PURPA BY PREVIOUS OWNER (DEC ID #9-0258-00018/00003-0). SUBSEQUENT LOSS OF STEAM HO ST AND ACQUISTION BY PRESENT OWNER (RG&E) RESULTS IN THE STATIONS'S CLASSIFICATION AS AN "AFFECTED UNTI" AS DEFINED AT 6NYCRR 201-6.1(a)(2) AND (4) [NSPS AND TITLE IV ACID RAIN]. THIS APPLCIATION IS FOR EXISTING OPERATIONAL SOURCES, AS RESENTLY PERMITTED AND SUBJECT TO THE EXISTING PERMIT LIMITATIONS AS DESCRIBED IN NYSDEC "SPECIAL CONDITIONS FOR EMISSION POINTS" DATED 4/16/96. THE FACILITY OPERATES ONE (1) COMBINED CYCLE GAS TURBINE WITH DUCT BURNER. IN ADDITION, EXEMPT AND TRIVIAL EMISSION SOURCES CO NSISTING OF: A) 6.28 MMBTU AUXILIARY BOILER FOR SPACE HEATING PURPOSES. B) TWO 655KW EMERGENCY GENERATOR SETS FOR EMERGENCY POWER GENERATION (<500 HR/YR). C) PERMANTLY MOUNT. DIESEL FIRE PUMP FOR FIRE PROTECTION (<10 HRS/YR). ARE LOCATED AT THIS FACILITY.

Attainment Status

RG&E ALLEGANY STATION #133 is located in the town of HUME in the county of ALLEGANY. 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*	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

ELECTRIC ENERGY GENERATION FACILITY CONSISTING OF ONE (1) GAS TURBINE WITH ASSOCIATED, DEPENDENT DUCT BURNER (EP0001) EMERGENCY DIESEL GENERATOR, SETS (TWO), AND AN AUXILLIARY BOILER (6.28 MMBTU) FIRING NATURAL GAS FO R SPACE HEATING PURPOSES, IN ADDITION, A DIESEL FIRE PUMP FOR BACK-UP FIRE

PROTECTION PURPOSES IS ALSO LOCATED IN THE MAIN GENERATION BUILDING.

Permit Structure and Description of Operations

The Title V permit for RG&E ALLEGANY STATION #133 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.

RG&E ALLEGANY STATION #133 is defined by the following emission unit(s):
Emission unit U1GTDB - THIS EMISSION UNIT CONSISTS OF ONE (1) COMBINED-CYCLE GAS TURBINE, EQUIPPED WITH SELECTIVE CATALYTIC REDUCTION AND WATER INJECTION FOR NOx EMISSIONS CONTROL. THE COMBUSTION GAS TURBINE IS EQUIPPED WITH A HEAT RECOVERY STEAM GENERATOR AND DUCT BURNERS. ALL FLUE GASES GENERATED THROUGH THE COMBINED COMBUSTION GAS TURBINE/HEAT RECOVERY STEAM GENERATOR TRAIN ARE EXHAUSTED TO THE ATMOSPHERE THROUGH A SINGLE 134.5 INCH DIAMETER 213 - FOOT TALL EXHAUST STACK.
Emission unit U1GTDB is associated with the following emission points (EP):
00001
It is further defined by the following process(es):
Process: GT1NATURAL GAS COMBUSTION IN GAS TURBINE WITHOUT OPERATION OF DUCT BURNER.
Process: GT2NATURAL GAS COMBUSTION IN GAS TURBINE AND DUCT BURNER (SIMULTANEOUSLY).

Title V/Major Source Status
RG&E ALLEGANY STATION #133 is subject to Title V requirements. This determination is based on the following information:
This source is not major for any regualted air contaminant. It is required to have a Title V permit because it is required to have a Title IV, Acid Rain Permit.

Program Applicability
The following chart summarizes the applicability of RG&E ALLEGANY STATION #133 with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	YES
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	YES
TITLE V	YES
TITLE VI	NO
RACT	NO
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
2-02-001-03	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL INTERNAL COMBUSTION ENGINE - DISTILLATE OIL(DIESEL) Turbine: Cogeneration
2-02-002-01	INTERNAL COMBUSTION ENGINES - INDUSTRIAL INDUSTRIAL 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	PTE Range
000075-07-0	ACETALDEHYDE(HAP)		> 0 but < 10 tpy
000107-02-8	ACROLEIN(HAP)		> 0 but < 10 tpy
007664-41-7	AMMONIA		>= 50 tpy but < 100 tpy
007440-36-0	ANTIMONY(HAP)		> 0 but < 10 tpy
007440-38-2	ARSENIC(HAP)		> 0 but < 10 tpy
000071-43-2	BENZENE(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		>= 50 tpy but < 100 tpy
007440-47-3	CHROMIUM(HAP)		> 0 but < 10 tpy
007440-48-4	COBALT(HAP)		> 0 but < 10 tpy
000050-00-0	FORMALDEHYDE(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
000091-20-3	NAPHTHALENE(HAP)		> 0 but < 10 tpy
007440-02-0	NICKEL METAL AND INSOLUBLE COMPOUNDS(HAP)		> 0 but < 10 tpy
0NY210-00-0	OXIDES OF NITROGEN	190000	
0NY075-00-0	PARTICULATES		>= 40 tpy but < 50 tpy
0NY075-00-5	PM-10		>= 40 tpy but < 50 tpy
007782-49-2	SELENIUM(HAP)		> 0 but < 10 tpy
007446-09-5	SULFUR DIOXIDE		>= 2.5 tpy but < 10 tpy
000108-88-3	TOLUENE(HAP)		> 0 but < 10 tpy
0NY998-00-0	VOC		>= 2.5 tpy but < 10 tpy
001330-20-7	XYLENE, M, O & P MIXT.(HAP)		> 0 but < 10 tpy

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Short Description	Condition
U-1GTDB	40CFR 52-A.21	Prevention of Significant Deterioration	44
U-1GTDB/-/GT1	40CFR 52-A.21	Prevention of Significant Deterioration	51, 52, 53, 54
U-1GTDB/-/GT2	40CFR 52-A.21	Prevention of Significant Deterioration	55, 56, 57, 58
U-1GTDB	40CFR 60-A.	General provisions	45
U-1GTDB	40CFR 60-GG.334(a)	Monitoring of Operations for Turbines Employing Water Injection to Control NOx	46
U-1GTDB	40CFR 60-GG.334(b)(2)	Non-bulk Storage Sulfur Monitoring Requirements	47, 48
U-1GTDB	40CFR 60-GG.335	Test Methods and Procedures	49
U-1GTDB	40CFR 72-A.6(a)(3)(i)	The applicability provisions in Title IV for new facilities.	50
FACILITY	40CFR 82-F.	Protection of Stratospheric Ozone - recycling and emissions reduction	41

FACILITY	6NYCRR 200.1	Definitions.	1
FACILITY	6NYCRR 200.5	Sealing.	2
FACILITY	6NYCRR 200.6	Acceptable ambient air quality.	3
FACILITY	6NYCRR 200.7	Maintenance of equipment.	4
FACILITY	6NYCRR 201-1.10(b)	Permitting - public access to records kept for Title V permitting	10
FACILITY	6NYCRR 201-1.2	Permitting - unpermitted emission sources	5
FACILITY	6NYCRR 201-1.4	Unavoidable noncompliance and violations	6
FACILITY	6NYCRR 201-1.5	Emergency defense	7
FACILITY	6NYCRR 201-1.7	Recycling and Salvage	8
FACILITY	6NYCRR 201-1.8	Prohibition of reintroduction of collected contaminants to the air	9
FACILITY	6NYCRR 201-3.2(a)	Exempt Activities - Proof of eligibility	11
FACILITY	6NYCRR 201-3.3(a)	Trivial Activities - proof of eligibility	12
FACILITY	6NYCRR 201-5.	State Facility Permit General Provisions	59
FACILITY	6NYCRR 201-5.3(b)	Permit Content and Terms of Issuance - permit conditions	60
FACILITY	6NYCRR 201-6.	Title V Permits and the Associated Permit Conditions	13, 14, 16, 17, 19, 20, 21, 22, 23, 24, 25, 42, 43, 15, 18
FACILITY	6NYCRR 201-6.5(c)(3)	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring	27
FACILITY	6NYCRR 201-6.5(e)	Compliance Certification	26
FACILITY	6NYCRR 201-6.5(g)	Permit shield	28, 29
FACILITY	6NYCRR 202-1.1	Required emissions tests.	30
FACILITY	6NYCRR 202-2.1	Emission Statements - Applicability	31
FACILITY	6NYCRR 202-2.5	Emission Statements - record keeping requirements.	32
FACILITY	6NYCRR 211.2	General Prohibitions - air pollution prohibited.	61
FACILITY	6NYCRR 211.3	General Prohibitions - visible emissions limited	33
U-1GTDB	6NYCRR 212.9(b)	General Process Emission Sources - tables	62
FACILITY	6NYCRR 215.	Open Fires	34
FACILITY	6NYCRR 227-2.	Reasonably available control technology for NOx	36, 35
FACILITY	6NYCRR 227-3.12	AARs - Authorized Account Representatives.	37
FACILITY	6NYCRR 227-3.13	Emissions Monitoring	
38			

FACILITY	6NYCRR 227-3.15	Reporting	39
FACILITY	6NYCRR 227-3.17	Compliance Certification	40

Applicability Discussion:

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

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 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 201-1.5
An enforcement action may be avoided if the facility can demonstrate that an emergency situation occurred which resulted in an emission limitation or permit violation. The following information would constitute evidence of an emergency situation: a properly signed operating log recorded during the actual event which; identifies the cause(s) of the emergency, indicates that all equipment was operating properly at the time, the person responsible took all reasonable steps to minimize the exceedance or violation, and that the department was notified of the emergency within 2 working days of the event.

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 201-1.10(b)
Any permit application, compliance plan, permit, and monitoring and compliance certification report that is submitted as part of the Title V permit process must be made available to the public as per requirements set forth under 6 NYCRR Part 616 - Public Access to Records and section 114(c) of the Clean Air Act Amendments of 1990.

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 Part 201-6.5(c)(3)
This regulation specifies that the permit incorporate all reporting requirements associated with an applicable federal rule, the submittal of any required monitoring reports at least every 6 months, and the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR Part 201-6.5(e)
Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR Part 201-6.5(g)
Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed 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 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, RG&E ALLEGANY STATION #133 has been determined to be subject to the following regulations:

40CFR 52-A.21
The facility's emission limits for oxides of nitrogen (NOx) and carbon monoxide (CO) have been established to avoid the applicability of Prevention of Significant Deterioration (PSD) requirements. This permit also requires the use of continuous monitoring systems to measure NOx and CO emissions during all operations.

40CFR 60-A.
The facility is subject to the Federal New Source Performancee Standards (NSPS) for the operation of the gas turbine 40 CFR 60 Subpart GG, therefore, the General Provisions of Subpart A are applicable.

40CFR 60-GG.334 (a)
Under Subaprt GG the facility is required to monitor water to fuel ratio. Water injection is used for NOx control. However, NOx emissions are controlled by selective catalytic reduction . The facility has requested a variance from the Environmental Protection Agency (EPA) for establishing a limit for water to fuel ratio as a surrogate for monitoring NOx emissions because it uses CEMS - a direct measurement.

40CFR 60-GG.334 (b) (2)
Subpart GG requires daily monitoring of nitrogen in fuel. The facility has applied for and reveived a variance to monitor nitrogen in fuel on a quarterly basis.

40CFR 60-GG.335
Subpart GG requires stack testing for NOx emissions under various loads and under various water to fuel ratios so that correlations can be established, using water to fuel ration as a surrogate to monitor compliance with the the NOx limit of the turbine operating alone. The facility requested a variance from EPA because its measures NOX directly and it is required to comply with a much lower NOx limit under 40 CFR 52.21 than the limit contained in Subaprt GG based on formula and nitrogen in fuel.

40CFR 72-A.6 (a) (3) (i)
This facility is subject to the acid rain control requirements under 40 CFR Parts 72 through 78.

6NYCRR 200 .1
The permit condition under Part 200.1 contains the definitions of the ACT Administrator and Department

6NYCRR 212 .9 (b)
For the operation of the selective catalytic reduction control for NOx emissions the facility is limited on the amount of unreacted ammonia allowed in its emissions (ammonia slip).

6NYCRR 227-2.
In order for the facility to be considered nonmajor for NOx and therefore not subject to NOX Reasonable Control Requirements on its auxillary diesel pump, the facility has is required to keep its 12 month total emission of NOx from all sources at the facility to below 95 tons per year. The facility is required to track its 12 month total emissions on a monthly basis.

6NYCRR 227-3.12
The facility is subject to NOx budget source therefore this condition requires an "Authorized Account Representative" be designated to the EPA.

6NYCRR 227-3.13
This NOx budget source is required to use a certified flow monitor.

6NYCRR 227-3.15
This NOx budget siurce must submit information regarding emissions to the Administrator in a format acceptable to EPA

6NYCRR 227-3.17
By Decenber 31 of each year this budget source must submit a conpliance certification to the Department relating to the budget source's activities during the current year

Compliance Certification
Summary of monitoring activities at RG&E ALLEGANY STATION #133:

Location Facility/EU/EP/Process/ES	Type of Monitoring	Cond No.
U-1GTDB	monitoring of process or control device parameters as surrogate	44
U-1GTDB/-/GT1	continuous emission monitoring (cem)	51
U-1GTDB/-/GT1	continuous emission monitoring (cem)	52
U-1GTDB/-/GT1	continuous emission monitoring (cem)	53
U-1GTDB/-/GT1	continuous emission monitoring (cem)	54
U-1GTDB/-/GT2	continuous emission monitoring (cem)	55
U-1GTDB/-/GT2	continuous emission monitoring (cem)	56
U-1GTDB/-/GT2	continuous emission monitoring (cem)	57
U-1GTDB/-/GT2	continuous emission monitoring (cem)	58
U-1GTDB	monitoring of process or control device parameters as surrogate	46
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U-1GTDB	work practice involving specific operations	48
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Basis for Monitoring
The monitoring requirements contained in this permit are associated with previous permit conditions and applicable requirements