



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

BUREAU OF AIR MANAGEMENT TITLE V OPERATING PERMIT

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and Section 22a-174-33 of the Regulations of Connecticut State Agencies (RCSA) and pursuant to the Code of Federal Regulations (CFR), Title 40, Part 70.

Title V Permit Number	105-0071-TV
Client/Sequence/Town/Premises Numbers	7780/1/105/251
Date Issued	September 11, 2014
Expiration Date	September 11, 2019

Corporation:

Milford Power Company, LLC

Premises Location:

55 Shelland Street, Milford, CT 06460

Name of Responsible Official and Title:

William Gorry, Plant Manager

All the following attached pages, 2 through 38, are hereby incorporated by reference into this Title V permit.

/s/Anne Gobin for
Robert J. Klee
Commissioner

September 11, 2014
Date

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Title V Operating Permit

All conditions in Sections III, IV, and VI of this Title V permit are enforceable by both the Administrator and the commissioner unless otherwise specified. Applicable requirements and compliance demonstration are set forth in Section III of this Title V permit. The Administrator or any citizen of the United States may bring an action to enforce all permit terms or conditions or requirements contained in Sections III, IV, and VI of this Title V permit in accordance with the Clean Air Act, as amended.

LIST OF ABBREVIATIONS/ACRONYMS

<i>Abbreviation/Acronym</i>	<i>Description</i>
bhp	brake horsepower
Btu	British Thermal Unit
CAIR	Clean Air Interstate Rule
CEM	Continuous Emission Monitoring
CFR	Code of Federal Regulations
CGS	Connecticut General Statutes
CO	Carbon Monoxide
EU	Emission Unit
EPA	Environmental Protection Agency
ft	feet
°F	degrees Fahrenheit
GEU	Grouped Emission Unit
gph	Gallons per hour
gpm	Gallons per minute
HAP	Hazardous Air Pollutant
hr	Hour
HRSG	Heat Recovery Steam Generator
lb	Pounds
MACT	Maximum Achievable Control Technology
MMBtu	Million British Thermal Units
MMcf	Million cubic feet
MMgal	Million gallons
MW	Megawatt
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standard
NSR	New Source Review
O ₂	Oxygen
PM	Particulate Matter
PM-10	Particulate Matter, < 10 microns in diameter
ppmv	Parts per million, volumetric basis
ppmvd	Parts per million, volumetric basis, dry
ppmw	Parts per million, weight basis
RACT	Reasonably Available Control Technology
RCSA	Regulations of Connecticut State Agencies
RICE	Reciprocating Internal Combustion Engine
scf	standard cubic feet
SCR	Selective Catalytic Reduction
SIC	Source Identification Code
SO ₂	Sulfur Dioxide
SOS	Standard Operating Scenario
SO _x	Sulfur Oxides
TDS	Total Dissolved Solids
tpy	Tons per year
VOC	Volatile Organic Compounds

Section I: Premises Information/Description

A. PREMISES INFORMATION

Nature of Business: Electric Generating Facility
Primary SIC: 4911 Electric and Other Services Combined

Facility Mailing Address: Milford Power Company, LLC
55 Shelland Street
Milford, Connecticut 06460

Telephone Number: (203) 783-1046

B. PREMISES DESCRIPTION

Milford Power Company, LLC (Permittee) operates two combined cycle, electric generating units at their facility in Milford, CT. The facility consists of two ABB GT-24 combustion turbine trains (nominal output of 544 MW total) each consisting of a combustion turbine, two gas fired inlet chiller engines, a heat recovery steam generator (HRSG) and a steam turbine. A selective catalytic reduction (SCR) system and oxidation catalyst control NO_x and CO emissions from the combustion turbine and chiller engines for each unit.

Ancillary equipment includes two emergency generators (402 bhp ea.), a No. 2 fuel oil storage tank, fire pump (302 bhp) and cooling tower.

The combustion turbines are subject to the Acid Rain Program (Title IV) and are covered by P-105-002-TIV.

The facility is not a major source of hazardous air pollutants (HAPs). The emergency diesel generators, diesel fire pump and gas turbine inlet chiller engines are subject to the Maximum Allowable Control Technology (MACT) standards in 40 CFR Part 63 Subpart ZZZZ for reciprocating internal combustion engines (RICE) located at area sources.

The GT-24 combustion turbines are Clean Air Interstate Rule (CAIR) NO_x ozone season units subject to the applicable requirements of RCSA §22a-174-22c and 40 CFR Part 96.

Section II: Emissions Units Information

A. EMISSIONS UNITS DESCRIPTION

Emissions units are set forth in Table II.A. It is not intended to incorporate by reference these NSR Permits or Regulations into this Title V permit.

TABLE II.A: EMISSIONS UNITS DESCRIPTION			
Emissions Unit/ Grouped Emissions Unit	Emissions Unit Description	Control Unit Description	Permit or Regulation Number
EU-1	ABB GT-24 combustion turbine train #1 with two natural gas fired chillers (Turbine #1)	NO _x : SCR, Low NO _x burner CO: oxidation catalyst	P-105-0068 RCSA §22a-174-22c 40 CFR Part 63 Subpart ZZZZ
EU-2	ABB GT-24 combustion turbine train #2 with two natural gas fired chillers (Turbine #2)	NO _x : SCR, Low NO _x burner CO: oxidation catalyst	P-105-0069 RCSA §22a-174-22c 40 CFR Part 63 Subpart ZZZZ
EU-3	Diesel emergency generator, 402 bhp	None	RCSA §22a-174-3b 40 CFR Part 63 Subpart ZZZZ
EU-4	Diesel emergency generator, 402 bhp	None	RCSA §22a-174-3b 40 CFR Part 63 Subpart ZZZZ
EU-5	Above ground storage tank, No. 2 fuel oil	None	n/a
EU-6	10 cell cooling tower	Drift eliminator	P-105-0087
EU-7	Emergency diesel fire pump, 302 bhp	None	RCSA §22a-174-3b 40 CFR Part 63 Subpart ZZZZ
GEU-1	EU-1 and 2	As above	As above
GEU-2	EU-3, 4 and 7	As above	As above

B. OPERATING SCENARIO IDENTIFICATION

The Permittee shall be allowed to operate under the following Standard Operating Scenarios and Alternative Operating Scenarios without notifying the commissioner, provided that such operations are explicitly provided for and described in Table II.B.

TABLE II.B: OPERATING SCENARIO IDENTIFICATION	
Emissions Units Associated with the Scenario	Description of Scenario
All emissions units listed in Section II, Table II.A of this Title V permit.	All emissions units shall be operated in accordance with applicable permit or regulation terms and conditions.

Section III: Applicable Requirements and Compliance Demonstration

The following contains summaries of applicable regulations and compliance demonstration for each identified Emissions Unit and Operating Scenario, regulated by this Title V permit.

A. GEU-1 (EU-1 and 2 – Turbine #1 and #2)

1. PM or PM-10

a. Limitation or Restriction

i. Natural Gas [P-105-0068 and P-105-0069]

(A) ≤ 19.9 lb/hr per EU [P-105-0068 and P-105-0069]

(B) ≤ 0.0095 lb/MMBtu heat input [P-105-0068 and P-105-0069]

ii. No. 2 Fuel Oil

(A) ≤ 83.0 lb/hr per EU [P-105-0068 and P-105-0069]

(B) ≤ 0.0392 lb/MMBtu heat input [P-105-0068 and P-105-0069]

iii. Maximum Annual Emissions

(A) ≤ 103.45 tpy per EU [P-105-0068 and P-105-0069]

(B) ≤ 206.9 tpy total for both EU's [P-105-0068 and P-105-0069]

iv. Natural Gas and No. 2 Fuel Oil

≤ 0.1 lb/MMBtu [RCSA §22a-174-18(e)(1)]

b. Monitoring Requirements

i. The Permittee shall conduct particulate matter emissions testing on each unit while firing natural gas once every five years. Testing while firing No. 2 fuel oil shall be performed at least once every five years from the last No. 2 fuel oil emissions test or before 700 hours of operation on No. 2 fuel oil, whichever is longer. Such emissions tests shall be in accordance with an Intent-to-Test protocol submitted by the Permittee and approved by the commissioner. [P-105-0068 and P-105-0069]

ii. Annual emissions shall be calculated by adding the current month's emissions to the previous 11 months' emissions. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

i. Documentation of all calculations, parameters and data from particulate matter emissions testing performed on these units. [RCSA §22a-174-4(d)(1)]

Section III: Applicable Requirements and Compliance Demonstration

- ii. Documentation of actual emissions calculations on an hourly, monthly and annual basis to demonstrate compliance with the particulate matter emissions limitations in Table III.A of this Title V permit. The Permittee shall use emissions factors from the latest Department approved emissions test where such factors are available. Documentation in support of any assumptions made in these calculations shall be maintained. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.1.b of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. Opacity

a. Limitation or Restriction

- i. $\leq 10\%$ opacity (6 minute block average) during No. 2 fuel oil firing. [P-105-0068 and P-105-0069]
- ii. $\leq 20\%$ opacity (6 minute block average) **State enforceable only**
[RCSA §22a-174-18(b)(1)(A) and (B)]
- iii. $\leq 40\%$ opacity (1 minute block average) **State enforceable only**
[RCSA §22a-174-18(b)(1)(A) and (B)]

b. Monitoring Requirements

The Permittee shall operate, calibrate and maintain a CEM system which shall continuously monitor and record the opacity of stack emissions during operations on No. 2 fuel oil.
[P-105-0068, P-105-0069 and §22a-174-4(b)]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of all opacity readings. [RCSA §22a-174-4(d)(1)]
- ii. Documentation of the six-minute block average opacity readings. [RCSA §22a-174-4(d)(1)]
- iii. Documentation of all testing, calibration and maintenance of the opacity monitoring and recording equipment. [RCSA §22a-174-4(d)(1)]

Section III: Applicable Requirements and Compliance Demonstration

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner that are consistent with the requirements of RCSA §22a-174-4(d)(4) by the 30th day following the end of each calendar quarter.
- ii. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- iii. The Permittee shall provide the records specified in Section III.A.2.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

3. SO_x

a. Limitation or Restriction

- i. Natural Gas
 - (A) ≤ 4.4 lb/hr per EU [P-105-0068 and P-105-0069]
 - (B) ≤ 0.0021lb/MMBtu [P-105-0068 and P-105-0069]
- ii. No. 2 Fuel Oil
 - (A) ≤ 108.0 lb/hr per EU [P-105-0068 and P-105-0069]
 - (B) ≤ 0.0515lb/ MMBtu [P-105-0068 and P-105-0069]
- iii. Maximum Annual Emissions
 - (A) ≤ 55.0 tpy per EU [P-105-0068 and P-105-0069]
 - (B) ≤ 109.9 tpy total for both EU's [P-105-0068 and P-105-0069]

b. Monitoring Requirements

- i. The Permittee shall install, maintain and operate a monitoring system capable of calculating the hourly SO_x mass emission rate, consistent with the procedures in Appendix D to 40 CFR Part 75 and shall record the output of the system. [RCSA §22a-174-33(j)(K)(ii)]
- ii. The Permittee shall use data recorded by the SO₂ monitoring system and other pertinent data and records to determine compliance with SO_x limits. [RCSA §22a-174-33(j)(K)(ii)]
- iii. The Permittee shall determine compliance with the SO₂ limitation of 40 CFR §60.333(b) by monitoring the fuel sulfur content. [40 CFR §60.334(h)]
- iv. Annual emissions shall be calculated by adding the current month's emissions to the previous 11 months' emissions. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)(ii)]

Section III: Applicable Requirements and Compliance Demonstration

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. The Permittee shall keep records of the fuel certification for each delivery of fuel from a bulk petroleum provider or a copy of the current contract with the fuel supplier supplying the fuel used by the equipment that includes the applicable sulfur content of the fuel as a condition of each shipment. The shipping receipt or contract shall include the date of delivery, the name of the fuel supplier, type of fuel delivered, the percentage of sulfur in such fuel, by weight, dry basis and the method used to determine the sulfur content of such fuel. [P-105-0068 and P-105-0069]
- ii. Documentation of actual emissions calculations on an hourly, monthly and annual basis to demonstrate compliance with the SO_x emissions limitations in Table III.A of this Title V permit. Documentation in support of any assumptions made in these calculations shall be maintained. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.3.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

4. NO_x

a. Limitation or Restriction

i. Natural Gas

- (A) ≤ 14.2 lb/hr per EU [P-105-0068 and P-105-0069]
- (B) ≤ 0.0074 lb/MMBtu heat input [P-105-0068 and P-105-0069]
- (C) ≤ 2.0 ppmvd @ 15% O₂ [P-105-0068 and P-105-0069]
- (D) ≤ 55 ppmvd @ 15% O₂ [RCSA §22a-174-22(e)]
- (E) ≤ 0.15 lb/MMBtu heat input (Oct 1 to Apr 30, inclusive) [RCSA §22a-174-22(e)]

ii. No. 2 Fuel Oil

- (A) ≤ 47.0 lb.hr per EU [P-105-0068 and P-105-0069]
- (B) ≤ 0.0229 lb/MMBtu [P-105-0068 and P-105-0069]
- (C) ≤ 5.9 ppmvd @ 15% O₂ [P-105-0068 and P-105-0069]
- (D) ≤ 75 ppmvd @ 15% O₂ [RCSA §22a-174-22(e)]

Section III: Applicable Requirements and Compliance Demonstration

(E) ≤ 0.15 lb/MMBtu heat input (Oct 1 to Apr 30, inclusive) [RCSA §22a-174-22(e)]

iii. Events

(A) Startup: ≤ 1720 lb/event per EU [P-105-0068 and P-105-0069]

(B) Shutdown: ≤ 530 lb/event per EU [P-105-0068 and P-105-0069]

(C) Protective Load Shed: ≤ 2250 lb/event per EU [P-105-0068 and P-105-0069]

(D) Fuel Switching and Equipment Tuning: ≤ 1720 lb/event per EU
[P-105-0068 and P-105-0069]

iv. Re-commissioning

≤ 530 lb/hr per EU [P-105-0068 and P-105-0069]

v. Maximum Annual Emissions

(A) ≤ 69.2 tpy per EU [P-105-0068 and P-105-0069]

(B) ≤ 138.4 tpy total for both EU's [P-105-0068 and P-105-0069]

b. Monitoring Requirements

- i. The Permittee shall operate, calibrate and maintain a CEM system that shall continuously monitor and record NO_x emissions. [P-105-0068 and P-105-0069]
- ii. The CEM system shall be operated in accordance with RCSA §22a-174-22c(i), 40 CFR §96.370 and 40 CFR §96.371.
- iii. The Permittee shall demonstrate compliance with the applicable NO_x limitation of 40 CFR §60.332(a).
- iv. Annual emissions shall be calculated by adding the current month's emissions to the previous 11 months' emissions. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the NO_x emissions monitoring data on a 3-hr rolling average basis. [RCSA §22a-174-4(d)(1)]
- ii. Calculations of actual NO_x emissions on an hourly, monthly and annual basis to demonstrate compliance with the emissions limitations in Table III.A of this Title V permit. Documentation in support of any assumptions made in these calculations shall be maintained. [RCSA §22a-174-4(d)(1)]
- iii. Records of all tune-ups, repairs, replacement of parts and other maintenance conducted on these units. [RCSA §22a-174-22(1)(1)(D)]

Section III: Applicable Requirements and Compliance Demonstration

- iv. Documentation of all calculations, parameters, and data pertaining to emissions tests conducted on these units. [RCSA §22a-174-22(1)(1)(H)]
- v. Documentation of all performance evaluations, calibration checks and adjustments on monitoring devices which produce data used in determining NO_x emissions. Documentation of the maintenance procedures for these monitoring devices. [RCSA §22a-174-22(1)(1)(I)]

d. Reporting Requirements

- i. On or before April 15 of each year, the Permittee shall submit a report to the commissioner on NO_x emissions from each unit on a form provided by the commissioner. [RCSA §22a-174-22(1)(6)]
- ii. On or before each January 30th, April 30th, July 30th, and October 30th, of each year, the Permittee shall provide to the commissioner, written monitoring reports of excess emissions and CEM malfunctions. Such reports shall include data for the three calendar month period ending the month before the due date of the report. For each period of excess emissions, such report shall include the date and time of commencement and completion of such period, the magnitude and suspected cause of the excess emissions, and all actions taken to correct the excess emissions. For each malfunction of the CEM system, such report shall include the date and time when such malfunction commenced and ended, and all actions taken to correct the malfunction. [RCSA §22a-174-22(1)(4)]
- iii. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- v. The Permittee shall provide the records specified in Section III.A.4.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

5. VOC

a. Limitation or Restriction

- i. Natural Gas
 - (A) ≤ 3.0 lb/hr per EU (50-74% load, all ambient temperatures) [P-105-0068 and P-105-0069]
 - (B) ≤ 2.2 lb/hr per EU (75-99% load, all ambient temperatures) [P-105-0068 and P-105-0069]
 - (C) ≤ 3.0 lb/hr per EU (100% load, ambient temperature up to 60°F) [P-105-0068 and P-105-0069]
 - (D) ≤ 3.2 lb/hr per EU (100% load, ambient temperature 61-70°F) [P-105-0068 and P-105-0069]
 - (E) ≤ 3.7 lb/hr per EU (100% load, ambient temperature 71-80°F) [P-105-0068 and P-105-0069]
 - (F) ≤ 7.5 lb/hr per EU (100% load, ambient temperature ≥81°F) [P-105-0068 and P-105-0069]
- ii. No. 2 Fuel Oil
 - (A) 75-100% load, ambient temperature 0-59°F: Linear interpolation between 17.2 lb/hr (0°F) and 15.7 lb/hr (59°F) [P-105-0068 and P-105-0069]

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- (B) 75-100% load, ambient temperature 60-104°F: linear interpolation between 15.7 lb/hr (60°F) and 14.3 lb/hr (104°F) [P-105-0068 and P-105-0069]

iii. Events

- (A) Startup: ≤ 154 lb/event per EU [P-105-0068 and P-105-0069]
- (B) Shutdown: ≤ 48 lb/event per EU [P-105-0068 and P-105-0069]
- (C) Protective Load Shed: ≤ 202 lb/event per EU [P-105-0068 and P-105-0069]
- (D) Fuel Switching and Equipment Tuning: ≤ 154 lb/event per EU [P-105-0068 and P-105-0069]

iv. Re-commissioning

≤ 48 lb/hr per EU [P-105-0068 and P-105-0069]

v. Maximum Annual Emissions

- (A) ≤ 24.0 tpy per EU [P-105-0068 and P-105-0069]
- (B) ≤ 48.0 tpy total for both EU's [P-105-0068 and P-105-0069]

b. Monitoring Requirements

- i. The Permittee shall conduct VOC emissions testing on each unit while firing natural gas once every five years from the date of the last natural gas emissions test. Testing while firing No. 2 fuel oil shall be performed at least once every five years from the date of the last No. 2 fuel oil emissions test or before 700 hours of operation on No. 2 fuel oil, whichever is longer. [P-105-0068 and P-105-0069]
- ii. During emissions testing the emission unit shall be operated at 90% or greater of the maximum fuel firing rate or heat input as specified in Sections III.A.9 and III.A.11 of this Title V permit. [P-105-0068 and P-105-0069]
- iii. VOC emissions during start-up, shutdown and fuel switching events shall be monitored using the CO CEMS and the correlation of VOC to CO emissions derived from diagnostic testing. [P-105-0068 and P-105-0069]
- iv. Annual emissions shall be calculated by adding the current month's emissions to the previous 11 months' emissions. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of all calculations, parameters and data from VOC emissions testing performed on these units. [RCSA §22a-174-4(d)(1)]
- ii. Documentation of actual emissions calculations on an hourly, monthly and annual basis to demonstrate compliance with the VOC emissions limitations in Table III.A of this Title V permit.

Section III: Applicable Requirements and Compliance Demonstration

The Permittee shall use emissions factors from the latest Department approved emissions test where such factors are available. Documentation in support of any assumptions made in these calculations shall be maintained. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.5.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

6. CO

a. Limitation or Restriction

i. Natural Gas

- (A) ≤ 13.0 lb/hr per EU (100% load) [P-105-0068 and P-105-0069]
- (B) ≤ 52.0 lb/hr per EU (50-99% load) [P-105-0068 and P-105-0069]

ii. No. 2 Fuel Oil

- (A) ≤ 20.6 lb/hr per EU [P-105-0068 and P-105-0069]
- (B) 0.0099 lb/MMBtu heat input [P-105-0068 and P-105-0069]

iii. Events

- (A) Startup: ≤ 770 lb/event per EU [P-105-0068 and P-105-0069]
- (B) Shutdown: ≤ 240 lb/event per EU [P-105-0068 and P-105-0069]
- (C) Protective Load Shed: ≤ 1010 lb/event per EU [P-105-0068 and P-105-0069]
- (D) Fuel Switching and Equipment Tuning: ≤ 770 lb/event per EU [P-105-0068 and P-105-0069]

iv. Re-commissioning

≤ 240 lb/hr per EU [P-105-0068 and P-105-0069]

v. RICE MACT Standard

≤ 47 ppm @ 15% O₂ [40 CFR §63.6603(a) and 40 CFR Part 63 Subpart ZZZZ, Table 2d.8.a]

vi. Maximum Annual Emissions

- (A) ≤ 212.0 tpy per EU (50% load, firing natural gas, 8760 hr) [P-105-0068 and P-105-0069]
- (B) ≤ 267.2 tpy total for both EU's (1 EU @ 50% load, firing natural gas: 8760 hr, 1 EU @ 100% load, firing oil: 720 hr and natural gas: 8040 hr) [P-105-0068 and P-105-0069]

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b. Monitoring Requirements

- i. The Permittee shall operate, calibrate and maintain a CEM system that shall continuously monitor and record CO emissions. [P-105-0068, P-105-0069]
- ii. Compliance with the CO for the chiller engines will be determined using the CO CEMS installed on the combined chiller engine and combustion turbine exhaust stack based on the 4-hour rolling average emissions. [40 CFR §§63.6625(a), 63.6640(a) and Tables 2d (Item 8), 6 (Item 3) of 40 CFR Part 63 Subpart ZZZZ]
- iii. Annual emissions shall be calculated by adding the current month's emissions to the previous 11 months' emissions. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the CO emissions monitoring data on a 1-hr block average basis. [RCSA §22a-174-4(d)(1)]
- ii. Documentation of the CO emissions concentration (ppm @ 15% O₂) monitoring data on a 4-hour rolling average basis. [40 CFR §63.6655(d) and Table 6 (Item 3) of 40 CFR Part 63 Subpart ZZZZ]
- iii. Calculations of actual CO emissions on an hourly, monthly and annual basis to demonstrate compliance with the emissions limitations in Table III.A of this Title V permit. Documentation in support of any assumptions made in these calculations shall be maintained. [RCSA §22a-174-4(d)(1)]
- iv. The Permittee shall develop a written start-up, shutdown and malfunction plan for the CO CEMS. [40 CFR §§63.8(c)(1)(iii) and 63.6625(h)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.6.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

7. Ammonia

a. Limitation or Restriction

10 ppmv @ 15% O₂ [P-105-0068 and P-105-0069]

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b. Monitoring Requirements

The Permittee shall operate, calibrate and maintain a CEM system that shall continuously monitor and record ammonia emissions. [P-105-0068 and P-105-0069]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the ammonia emissions monitoring data on a 3-hr block average basis. [RCSA §22a-174-4(d)(1)]
- ii. Documentation of ammonia emissions calculations to demonstrate compliance with the emissions limitation in Table III.A of this Title V permit. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.7.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

8. Formaldehyde

a. Limitation or Restriction

9.9 tpy (premises-wide limit) [P-105-0068 and P-105-0069]

b. Monitoring Requirements

- i. The Permittee shall conduct formaldehyde emissions testing on each unit while firing natural gas once every five years from the date of the last emissions test firing natural gas. Testing while firing No. 2 fuel oil shall be performed at least once every five years from the date of the last emissions test firing No. 2 fuel oil or before 700 hours of operation on No. 2 fuel oil, whichever is longer. Such emissions tests shall be in accordance with an Intent-to-Test protocol submitted by the Permittee and approved by the commissioner. [P-105-0068 and P-105-0069]
- ii. Annual emissions shall be calculated by adding the current month's emissions to the previous 11 months' emissions. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

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- i. Documentation of all calculations, parameters and data from formaldehyde emissions testing performed on these units. [RCSA §22a-174-4(d)(1)]
- ii. Documentation of actual emissions calculations on an annual basis to demonstrate compliance with the premises-wide formaldehyde emissions limitation in Section III.A.8.a of this Title V permit. The Permittee shall use emissions factors from the latest Department approved emissions test where such factors are available. Documentation in support of any assumptions made in these calculations shall be maintained. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.8.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

9. Maximum Fuel Firing Rates and Annual Fuel Consumption

a. Limitation or Restriction

- i. Maximum Natural Gas Firing Rate [P-105-0068 and P-105-0069]

	MMcf/hr per EU
T < 0°F	2.095
0°F ≤ T ≤ 100°F	2.095-2.25x10 ⁻³ xT
T > 100°F	1.87

- ii. Maximum No. 2 Fuel Oil Firing Rate [P-105-0068 and P-105-0069]

	gph per EU
T < 0°F	15,519
0°F ≤ T ≤ 100°F	15,519-16.67xT
T > 100°F	13,852

- iii. Maximum Natural Gas Annual Consumption

15,663 MMcf per EU [P-105-0068 and P-105-0069]

- iv. Maximum No. 2 Fuel Oil Annual Consumption

11.08 MMgal per EU [P-105-0068 and P-105-0069]

b. Monitoring Requirements

- i. The Permittee shall operate, calibrate and maintain a continuous monitoring system which shall continuously monitor and record the fuel firing rate of each unit. [P-105-0068, P-105-0069]

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- ii. Annual fuel consumption shall be calculated by adding the current month's fuel consumption to the previous 11 months' fuel consumption. [RCSA §22a-174-33(j)(1)(K)(ii)]
- iii. The Permittee shall operate, calibrate and maintain a continuous monitoring system which shall continuously monitor and record ambient temperature. [P-105-0068, P-105-0069]
- iv. The Permittee shall operate, calibrate and maintain a continuous monitoring system which shall continuously monitor and record the stack exhaust gas O₂ content. [P-105-0068, P-105-0069]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of all measured fuel flow rates on a continuous basis. [RCSA §22a-174-4(d)(1)]
- ii. Documentation of all measured ambient temperatures on a continuous basis. [RCSA §22a-174-4(d)(1)]
- iii. Documentation of all measured stack exhaust O₂ content on a 1-hr block average basis. [RCSA §22a-174-4(d)(1)]
- iv. Documentation of all calculations and assumptions made in converting recorded data to the units of the limitations in Table III.A of this Title V permit. [RCSA §22a-174-4(d)(1)]
- v. Documentation of all testing, calibration and maintenance of the monitoring and recording equipment. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.9.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

10. Start-up, Shutdown, Fuel Switching, Equipment Tuning, Protective Load Shed and Re-commissioning Events

a. Limitation or Restriction

- i. Maximum duration of all events except re-commissioning and chiller start-up: 240 minutes/event [P-105-0068 and P-105-0069]
- ii. The maximum duration EU-1 or EU-2 may operate at above the normal emission limits during re-commissioning (not including start-up and shutdown events) is 30 hours. [P-105-0068 and P-105-0069]

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- iii. Maximum duration of chiller start-up: 30 minutes/event, time at idle must be minimized [40 CFR 63.6625(h)]

b. Monitoring Requirements

- i. Start-up shall be defined as that period of time from initiation of combustion firing until the unit reaches steady state operation. [P-105-0068 and P-105-0069]
- ii. Shutdown shall be defined as that period of time from the initial lowering of the combustion turbine output until the point at which the combustion process has stopped. [P-105-0068 and P-105-0069]
- iii. Re-commissioning shall be defined as the manufacturer's required period of equipment tuning conducted after completion of a major inspection. If the unit is commissioned on more than one fuel, re-commissioning on each fuel shall be considered a separate re-commissioning event. [P-105-0068 and P-105-0069]
- iv. Malfunction shall be defined as any sudden, infrequent and not reasonably preventable failure of air pollution control equipment, process equipment or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance, careless operation or any other preventable upset condition or careless operation are not malfunctions. [P-105-0068 and P-105-0069]
- v. Protective load shed shall be defined as an event during which the emission unit reduces load to less than 50% load without stopping the combustion process, either because of directions from ISO-New England or to protect the turbine. [P-105-0068 and P-105-0069]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the duration of each start-up, shutdown, fuel switching, equipment tuning, protective load shed and re-commissioning event. [P-105-0068 and P-105-0069]
- ii. The Permittee shall develop a written start-up, shutdown and malfunction plan for the chiller engines [40 CFR §§63.6(e)(3) and 63.6625(h)]

d. Reporting Requirements

The Permittee shall provide the records specified in Section III.A.10.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

11. Maximum Gross Heat Input

a. Limitation or Restriction

	MMBtu/hr per EU
T < 0°F	2,095
0°F ≤ T ≤ 100°F	2,095-2.25xT
T > 100°F	1,870

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Based on a fuel heating value of 1,000 Btu/scf for natural gas and 135,000 Btu/gal for No. 2 fuel oil. [P-105-0068 and P-105-0069]

b. Monitoring Requirements

The maximum gross heat input limitation is based on a fuel heating value of 1,000 Btu/scf for natural gas and 135,000 Btu/gal for No. 2 fuel oil. For other heating values the limitation will be based on the maximum fuel firing rate limitation times the actual heating value. [P-105-0068 and P-105-0069]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the calculations required to demonstrate compliance with the maximum gross heat input limitations based on data recorded in Section III.A.9 of this Title V permit. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.11.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

12. Fuel Sulfur Content

a. Limitation or Restriction

- i. Natural Gas - 0.0025% by weight, dry basis [P-105-0068 and P-105-0069]
- ii. No. 2 Fuel Oil - 0.05% by weight, dry basis [P-105-0068 and P-105-0069]

b. Monitoring Requirements

- i. The Permittee may elect not to monitor the sulfur content of the gaseous fuel fired if the gaseous fuel is demonstrated to meet the definition of natural gas in 40 CFR §60.331(u) (NSPS Subpart GG). The Permittee shall use one of the following sources of information to make the required demonstration. [40 CFR §60.334(h)(3)]
 - (A) The gas quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the gaseous fuel, specifying that the maximum total sulfur content of the fuel is 20.0 grains/100 scf or less; or
 - (B) Representative fuel sampling data which show that the sulfur content of the gaseous fuel does not exceed 20 grains/100 scf. At a minimum, the amount of fuel sampling data specified in section 2.3.1.4 or 2.3.2.4 of Appendix D of 40 CFR Part 75.

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- ii. The frequency of determining the sulfur content of the fuel shall be as follows [40 CFR §60.334(i)]:
 - (A) For fuel oil, use one of the total sulfur sampling options and the associated sampling frequency described in sections 2.2.3, 2.2.4.1, 2.2.4.2, and 2.2.4.3 of Appendix D of 40 CFR Part 75 (ie., flow proportional sampling from the units' storage tank, or sampling each delivery prior to combining it with the fuel oil already in the intended storage tank).
 - (B) If the Permittee elects not to demonstrate sulfur content using the options in Section III.A.11.a.i of this Title V permit and if the gaseous fuel is supplied without intermediate bulk storage, the sulfur content of the gaseous fuel shall be determined and recorded once per unit operating day.
 - (C) The Permittee may develop custom schedules for determination of the total sulfur content of gaseous fuels, based on the design and operation of the source and the characteristics of the fuel supply. The custom schedules shall be substantiated with data and shall be approved by the Administrator before they can be used to comply with the standard in 40 CFR §60.333.
 - (D) The two custom sulfur monitoring schedules provided in 40 CFR §60.334(i)(3)(i) are acceptable without prior Administrative approval.
 - (E) The Permittee may use the data collected from the 720-hr sulfur sampling demonstration described in section 2.3.6 of Appendix D of 40 CFR Part 75 to determine a custom sulfur sampling schedule.

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of fuel sulfur content monitoring data obtained in accordance with Section III.A.12.a of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. Documentation of all calculations and assumptions made in converting recorded data to the units of the limitations in Section III.A.12.a of this Title V permit. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.A.12.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]
- iii. The Permittee shall submit reports of excess emissions and monitor downtime, in accordance with 40 CFR §60.7(c). Excess emissions shall be reported for all periods of unit operation, including start-up, shutdown and malfunction. For the purpose of reports required under 40 CFR §60(c), periods of excess emissions and monitor downtime are defined in 40 CFR §60.334(j).

13. Stack Parameters

a. Limitation or Restriction

- i. Minimum distance from stack to property line – 300 ft [P-105-0068 and P-105-0069]

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ii. Stack Height – 135 ft above grade [P-105-0068 and P-105-0069]

b. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for the life of the equipment [RCSA §22a-174-33(o)(2)]:

- i. Documentation certifying the minimum distance to property line of the stack through which the EU's exhaust. [RCSA §22a-174-4(d)(1)]
- ii. Documentation certifying the actual height of the stack through which the EU's exhaust. [RCSA §22a-174-4(d)(1)]

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.A.13.b of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

B. GEU-2 (EU-3, 4 – Diesel Generators (402 bhp ea.) and EU-7 Emergency Diesel Fire Pump (302 bhp))

1. Non-Emergency Operation

a. Limitation or Restriction

Unless it is an emergency, these EUs shall not operate on days when ozone levels are forecast to be “moderate to unhealthful”, “unhealthful” or “very unhealthful”. [RCSA §22a-174-22(b)(5)]

b. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of daily hours of operation distinguishing hours of emergency use from hours of non-emergency use. [RCSA §22a-174-22(l)(1)(A)]
- ii. Documentation of the commissioner's ozone forecast for each day for which these EUs operated during the ozone season (May 1 to September 30 of any calendar year). [RCSA §22a-174-4(d)(1)]
- iii. Documentation of daily, monthly and annual fuel use and daily, monthly and annual hours of operation. [RCSA §22a-174-22(l)(1)(B) and RCSA §22a-174-22(l)(1)(C)]
- iv. Documentation of all tune-ups, replacement of parts and other maintenance. [RCSA §22a-174-22(l)(1)(D)]
- v. Documentation of daily, monthly and annual emissions of NO_x and document the procedures to determine such emissions. [RCSA §22a-174-22(l)(1)(G)]

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c. Reporting Requirements

The Permittee shall provide the records specified in Section III.B.1.b of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. Maximum Hours of Operation

a. Limitation or Restriction

≤ 300 hr per any consecutive 12 months [RCSA §22a-174-3b(e)(2)(C)]

b. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the hours of operation for each of the prior consecutive twelve months shall be totaled each month. [RCSA §22a-174-3b(e)(4)]

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.B.2.b of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

3. Operating Hour Restrictions

a. Limitation or Restriction

Non-emergency operations are limited to 100 hours per year including up to 50 hours per year of operations for other than maintenance and testing. [40 CFR §63.6640(f)]

b. Monitoring Requirements

- i. The Permittee shall comply with the periodic maintenance requirements in Table 2d of 40 CFR Part 63 Subpart ZZZZ for emergency stationary compression ignition engines. [40 CFR §63.6603(a)]
- ii. The Permittee shall maintain the engines in accordance with the emission-related written instructions or a maintenance plan developed by the Permittee which provides, to the extent practicable, for the maintenance and operation of the engine in a manner consistent with good air pollution control practices for minimizing emissions. [40 CFR §63.6625(e)]
- iii. The Permittee shall install a non-resettable hour meter if one is not already installed. [40 CFR §63.6625(e)]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created

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[RCSA §22a-174-33(o)(2)]:

- i. The Permittee shall develop a written start-up, shutdown and malfunction plan for the emergency engines. [40 CFR §63.6(e)(3)]

d. Reporting Requirements

The Permittee shall provide the records specified in Section III.B.3.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

4. Fuel Sulfur Content

a. Limitation or Restriction

The Permittee shall not use fuel that exceeds the sulfur content of motor vehicle diesel fuel as defined in RCSA §22a-174-3b(e)(2)(D).

b. Record Keeping Requirements

Documentation of the No. 2 fuel oil sulfur content as certified by the vendor by any fuel analysis. [RCSA §22a-174-19(a)(5) and RCSA §22a-174-3b(e)(3)]

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.B.4.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

C. EU-6 Cooling Tower

1. PM and PM-10 Emissions

a. Limitation or Restriction

- i. 10.9 lb/hr PM [P-105-0087]
- ii. 22.34 tpy PM [P-105-0087]
- iii. 5.8 lb/hr PM-10 [P-105-0087]
- iv. 14.89 tpy PM-10 [P-105-0087]

b. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the calculations of actual particulate matter emissions of this EU shall be made on a

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daily, monthly and annual basis. Documentation in support of any assumptions or data used in these calculations shall be maintained. Such calculations shall be based on the following equations: [P-105-0087]

- (A.) $E_{\text{particulate}} \text{ (lb/hr)} = \text{Water Circulation Flow Rate (gpm)} \times 0.0005 \text{ (\%Drift)/100} \times \text{TDS (ppmw)}/1,000,000 \times 8.34 \text{ (lb/gal, water density)} \times 60 \text{ (min/hr)}$
- (B.) $\text{PM (lb/hr)} = E_{\text{particulate}} \times 75\%$
- (C.) $\text{PM-10 (lb/hr)} = E_{\text{particulate}} \times 40\%$

- ii. Annual emissions shall be calculated by adding the current month's emissions to the previous 11 months' emissions. The Permittee shall make these calculations within 30 days of the end of the previous month. [RCSA §22a-174-33(j)(1)(K)(ii)]

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.C.1.b of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. Water Circulating Flow Rates (Design Specifications)

a. Limitation or Restriction

No. of Pumps Operating	gpm
1	32,500
2	90,000
3	115,000
4	132,200

[P-105-0087]

b. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the number of pumps in operation shall be kept on a daily basis. [P-105-0087]

c. Reporting Requirements

The Permittee shall provide the records specified in Section III.C.2.b of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

3. TDS

a. Limitation or Restriction

- i. Range: 18,760-44,000 ppmw [P-105-0087]
- ii. Maximum Daily Average: 44,000 ppmw [P-105-0087]

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b. Monitoring Requirements

- i. The Permittee shall continuously monitor the TDS concentration of the cooling water using a conductivity meter. [P-105-0087]
- ii. The conductivity reading shall be converted to TDS concentration in ppmw. [P-105-0087]
- iii. The conductivity meter shall be calibrated once annually or as recommended by the manufacturer. [P-105-0087]

c. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation of the daily average TDS concentration. [P-105-0087]
- ii. Documentation in support of any assumptions made in these calculations. [RCSA §22a-174-4(d)(1)]

d. Reporting Requirements

- i. The Permittee shall provide written monitoring reports to the commissioner by March 1st and September 1st of each year for the preceding semi-annual period in accordance with Section VI.E of this Title V permit. [RCSA §22a-174-4(d)(1)]
- ii. The Permittee shall provide the records specified in Section III.C.3.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

4. Stack Parameters

a. Limitation or Restriction

- i. Minimum Distance to Property Line: 78 ft [P-105-0087]
- ii. Stack Height: 50 ft [P-105-0087]

b. Record Keeping Requirements

In accordance with Section VI.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Documentation certifying the minimum distance to property line of the stack through which the EU exhausts. [RCSA §22a-174-4(d)(1)]
- ii. Documentation certifying the actual height of the stack through which the EU exhausts. [RCSA §22a-174-4(d)(1)]

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c. Reporting Requirements

The Permittee shall provide the records specified in Section III.C.4.b of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

D. FEDERAL ACID RAIN PERMIT REQUIREMENTS

Federal Acid Rain Permit Requirements

1. SO₂ Allowance Allocations and NO_x Requirements for Each Affected Unit

a. EU-1 (Turbine #1)

		2014	2015	2016	2017	2018
EU-XX (Unit XX)	SO ₂ Allowances under Tables 2,3,or 4 of 40 CFR Part 73	0	0	0	0	0
	NO _x Limit	Not an Affected Unit under 40 CFR Part 76				

b. EU-2 (Turbine #2)

		2014	2015	2016	2017	2018
EU-XX (Unit XX)	SO ₂ Allowances under Tables 2,3,or 4 of 40 CFR Part 73	0	0	0	0	0
	NO _x Limit	Not an Affected Unit under 40 CFR Part 76				

2. Phase II Acid Rain Permit Application

The attached Phase II Acid Rain Permit Application is hereby incorporated by reference into this Title V permit. If this Title V permit is in conflict with or inconsistent with the Phase II Acid Rain Permit Application, the Title V permit requirements, including any applicable requirement under 40 CFR Parts 72 through 78, inclusive, shall supersede the Phase II Acid Rain Permit Application and the Permittee shall be governed by and adhere to this Title V permit and any applicable requirement under 40 CFR Parts 72 through 78, inclusive.

Section III: Applicable Requirements and Compliance Demonstration

E. PREMISES-WIDE GENERAL REQUIREMENTS

Premises-Wide General Requirements

1. **Annual Emission Statements:** The Permittee shall submit annual emission statements requested by the commissioner as set forth in RCSA §22a-174-4(d)(1).
2. **Emergency Episode Procedures:** The Permittee shall comply with the procedures for emergency episodes as set forth in RCSA §22a-174-6.
3. **Reporting of Malfunctioning Control Equipment:** The Permittee shall comply with the reporting requirements of malfunctioning control equipment as set forth in RCSA §22a-174-7.
4. **Prohibition of Air Pollution:** The Permittee shall comply with the requirement to prevent air pollution as set forth in RCSA §22a-174-9.
5. **Public Availability of Information:** The public availability of information shall apply, as set forth in RCSA §22a-174-10.
6. **Prohibition Against Concealment/Circumvention:** The Permittee shall comply with the prohibition against concealment or circumvention as set forth in RCSA §22a-174-11.
7. **Violations and Enforcement:** The Permittee shall not violate or cause the violation of any applicable regulation as set forth in RCSA §22a-174-12.
8. **Variances:** The Permittee may apply to the commissioner for a variance from one or more of the provisions of these regulations as set forth in RCSA §22a-174-13.
9. **No Defense to Nuisance Claim:** The Permittee shall comply with the regulations as set forth in RCSA §22a-174-14.
10. **Severability:** The Permittee shall comply with the severability requirements as set forth in RCSA §22a-174-15.
11. **Responsibility to Comply:** The Permittee shall be responsible to comply with the applicable regulations as set forth in RCSA §22a-174-16.
12. **Particulate Emissions:** The Permittee shall comply with the standards for control of particulate matter and visible emissions as set forth in RCSA §22a-174-18. (Section 18 approved by EPA on 9-23-1982, current Regulation submitted to EPA on 12-1-2004.)
13. **Sulfur Compound Emissions:** The Permittee shall comply with the requirements for control of sulfur compound emissions as set forth in RCSA §22a-174-19.
14. **Organic Compound Emissions:** The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
15. **Nitrogen Oxide Emissions:** The Permittee shall comply with the requirements for control of nitrogen oxide emissions as set forth in RCSA §22a-174-22.
16. **Ambient Air Quality:** The Permittee shall not cause or contribute to a violation of an ambient air quality

Section III: Applicable Requirements and Compliance Demonstration

standard as set forth in RCSA §22a-174-24(b).

17. Emission Fees: The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).

F. 112(r) ACCIDENTAL RELEASE REQUIREMENTS

Should this stationary source, as defined in 40 CFR §68.3, become subject to the accidental release prevention regulations in 40 CFR Part 68, the Permittee shall submit a risk management plan to the Administrator by the date specified in 40 CFR §68.10.

G. ASBESTOS REQUIREMENTS

Should this stationary source, as defined in 40 CFR §61.145, become subject to the national emission standard for asbestos regulations in 40 CFR Part 61 Subpart M when conducting any renovation or demolition at this premises, then the Permittee shall submit proper notification as described in 40 CFR §61.145(b) and shall comply with all other applicable requirements of including but not limited to 40 CFR Part 61 Subpart M.

H. CAIR NO_x OZONE SEASON TRADING

The ABB GT-24 turbine trains (EU-1 and EU-2) are CAIR NO_x Ozone season units and therefore subject to RCSA §22a-174-22c. The units shall comply with all applicable requirements stated in RCSA §22a-174-22c and the standard requirements of the CAIR permit application.

Section IV: Compliance Schedule

TABLE IV: COMPLIANCE SCHEDULE				
Emissions Unit	Applicable Regulations	Steps Required for Achieving Compliance (Milestones)	Date by which Each Step is to be Completed	Dates for Monitoring, Record Keeping, and Reporting
		No steps are required for achieving compliance at this time.		

Section V: State Enforceable Terms and Conditions

Only the Commissioner of the Department of Energy and Environmental Protection has the authority to enforce the terms, conditions and limitations contained in this section.

State Enforceable Terms and Conditions

- A.** This Title V permit does not relieve the Permittee of the responsibility to conduct, maintain and operate the emissions units in compliance with all applicable requirements of any other Bureau of the Department of Energy and Environmental Protection or any federal, local or other state agency. Nothing in this Title V permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this Title V permit shall affect the commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, investigate air pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the Permittee by the commissioner
- C.** Additional Emissions Units
- 1.** The Permittee shall make and submit a written record, at the commissioner's request, within 30 days of receipt of notice from the commissioner, or by such other date specified by the commissioner, of each additional emissions unit or group of similar or identical emissions units at the premises.
 - 2.** Such record of additional emissions units shall include each emissions unit, or group of emissions units, at the premises which is not listed in Section II.A of this Title V permit, unless the emissions unit, or group of emissions units, is:
 - a. an insignificant emissions unit as defined in RCSA §22a-174-33; or
 - b. an emissions unit or activity listed in *White Paper for Streamlined Development of Part 70 Permit Applications, Attachment A* (EPA guidance memorandum dated July 10, 1995).
 - 3.** For each emissions unit, or group of emissions units, on such record, the record shall include, as available:
 - a. Description, including make and model;
 - b. Year of construction/installation or if a group, range of years of construction/installation;
 - c. Maximum throughput or capacity; and
 - d. Fuel type, if applicable.
- D.** Odors: The Permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor that constitutes a nuisance beyond the property boundary of the premises as set forth in RCSA §22a-174-23.
- E.** Noise: The Permittee shall operate in compliance with the regulations for the control of noise as set forth in RCSA §§22a-69-1 through 22a-69-7.4, inclusive.
- F.** Hazardous Air Pollutants (HAPs): The Permittee shall operate in compliance with the regulations for the control of HAPs as set forth in RCSA §22a-174-29.
- G.** Open Burning: The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).

Section V: State Enforceable Terms and Conditions

State Enforceable Terms and Conditions

- H.** Fuel Sulfur Content: The Permittee shall not use No. 2 heating oil that exceeds three-tenths of one percent sulfur by weight as set forth in CGS §16a-21a.
- I.** The Permittee shall comply with the requirements for Control of Sulfur Dioxide Emissions from Power Plants and other large stationary sources of air pollution as set forth in RCSA §22a-174-19a.
- J.** The Permittee shall comply with the requirements for Control of Carbon Dioxide Emissions as set forth in RCSA §22a-174-31.

Section VI: Title V Requirements

The Administrator of the United States Environmental Protection Agency and the Commissioner of the Department of Energy and Environmental Protection have the authority to enforce the terms and conditions contained in this section.

Title V Requirements

A. SUBMITTALS TO THE COMMISSIONER & ADMINISTRATOR

The date of submission to the commissioner of any document required by this Title V permit shall be the date such document is received by the commissioner. The date of any notice by the commissioner under this Title V permit, including, but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is delivered or the date three days after it is mailed by the commissioner, whichever is earlier. Except as otherwise specified in this Title V permit, the word "day" means calendar day. Any document or action which is required by this Title V permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

Any document required to be submitted to the commissioner under this Title V permit shall, unless otherwise specified in writing by the commissioner, be directed to: Office of the Director; Engineering & Enforcement Division; Bureau of Air Management; Department of Energy and Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

Any submittal to the Administrator of the Environmental Protection Agency shall be in a computer-readable format and addressed to: Director, Air Compliance Program; Attn: Air Compliance Clerk; Office of Environmental Stewardship; EPA Region 1; 5 Post Office Square, Suite 100; Mail Code OEP05-02; Boston, Massachusetts 02109-3912.

B. CERTIFICATIONS [RCSA §22a-174-33(b)]

In accordance with RCSA §22a-174-33(b), any report or other document required by this Title V permit and any other information submitted to the commissioner or Administrator shall be signed by an individual described in RCSA §22a-174-2a(a), or by a duly authorized representative of such individual. Any individual signing any document pursuant to RCSA §22a-174-33(b) shall examine and be familiar with the information submitted in the document and all attachments thereto, and shall make inquiry of those individuals responsible for obtaining the information to determine that the information is true, accurate, and complete, and shall also sign the following certification as provided in RCSA §22a-174-2a(a)(4):

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under Section 22a-175 of the Connecticut General Statutes, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any applicable statute.”

C. SIGNATORY RESPONSIBILITY [RCSA §22a-174-2a(a)]

For purposes of signing any Title V-related application, document, report or certification required by RCSA §22a-174-33, any corporation's duly authorized representative may be either a named individual or any individual occupying a named position. Such named individual or individual occupying a named position is a duly authorized representative if such individual is responsible for the overall operation of one or more manufacturing, production or operating facilities subject to RCSA §22a-174-33 and either:

1. The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding 25 million dollars in second quarter 1980 dollars; or

Section VI: Title V Requirements

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2. The delegation of authority to the duly authorized representative has been given in writing by an officer of the corporation in accordance with corporate procedures and the following:
 - i. Such written authorization specifically authorizes a named individual, or a named position, having responsibility for the overall operation of the Title V premises or activity,
 - ii. Such written authorization is submitted to the commissioner and has been approved by the commissioner in advance of such delegation. Such approval does not constitute approval of corporate procedures, and
 - iii. If a duly authorized representative is a named individual in an authorization submitted under subclause ii. of this subparagraph and a different individual is assigned or has assumed the responsibilities of the duly authorized representative, or, if a duly authorized representative is a named position in an authorization submitted under subclause ii. of this subparagraph and a different named position is assigned or has assumed the duties of the duly authorized representative, a new written authorization shall be submitted to the commissioner prior to or together with the submission of any application, document, report or certification signed by such representative.

D. ADDITIONAL INFORMATION [RCSA §22a-174-33(j)(1)(X), RCSA §22a-174-33(h)(2)]

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier, including information to determine whether cause exists for modifying, revoking, reopening, reissuing, or suspending this Title V permit or to determine compliance with this Title V permit.

In addition, the Permittee shall submit information to address any requirements that become applicable to the subject source and shall submit correct, complete, and sufficient information within 15 days of the applicant's becoming aware of any incorrect, incomplete, or insufficient submittal, during the pendency of the application, or any time thereafter, with an explanation for such deficiency and a certification pursuant to RCSA §22a-174-2a(a)(5).

E. MONITORING REPORTS [RCSA §22a-174-33(o)(1)]

A Permittee, required to perform monitoring pursuant this Title V permit, shall submit to the commissioner, on forms prescribed by the commissioner, written monitoring reports on March 1 and September 1 of each year or on a more frequent schedule if specified in such permit. Such monitoring reports shall include the date and description of each deviation from a permit requirement including, but not limited to:

1. Each deviation caused by upset or control equipment deficiencies; and
2. Each deviation of a permit requirement that has been monitored by the monitoring systems required under this Title V permit, which has occurred since the date of the last monitoring report; and
3. Each deviation caused by a failure of the monitoring system to provide reliable data.

F. PREMISES RECORDS [RCSA §22a-174-33(o)(2)]

Unless otherwise required by this Title V permit, the Permittee shall make and keep records of all required monitoring data and supporting information for at least five years from the date such data and information were obtained. The Permittee shall make such records available for inspection at the site of the subject source, and shall submit such records to the commissioner upon request. The following information, in addition to required monitoring data, shall be recorded for each permitted source:

1. The type of monitoring or records used to obtain such data, including record keeping;
2. The date, place, and time of sampling or measurement;

Section VI: Title V Requirements

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3. The name of the individual who performed the sampling or the measurement and the name of such individual's employer;
4. The date(s) on which analyses of such samples or measurements were performed;
5. The name and address of the entity that performed the analyses;
6. The analytical techniques or methods used for such analyses;
7. The results of such analyses;
8. The operating conditions at the subject source at the time of such sampling or measurement; and
9. All calibration and maintenance records relating to the instrumentation used in such sampling or measurements, all original strip-chart recordings or computer printouts generated by continuous monitoring instrumentation, and copies of all reports required by the subject permit.

G. PROGRESS REPORTS [RCSA §22a-174-33(q)(1)]

The Permittee shall, on March 1 and September 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a progress report on forms prescribed by the commissioner, and certified in accordance with RCSA §22a-174-2a(a)(5). Such report shall describe the Permittee's progress in achieving compliance under the compliance plan schedule contained in this Title V permit. Such progress report shall:

1. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has met, and the dates on which they were met; and
2. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has not timely met, explain why they were not timely met, describe all measures taken or to be taken to meet them and identify the date by which the Permittee expects to meet them.

Any progress report prepared and submitted pursuant to RCSA §22a-174-33(q)(1) shall be simultaneously submitted by the Permittee to the Administrator.

H. COMPLIANCE CERTIFICATIONS [RCSA §22a-174-33(q)(2)]

The Permittee shall, on March 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a written compliance certification certified in accordance with RCSA §22a-174-2a(a)(5) and which includes the information identified in 40 CFR §§70.6(c)(5)(iii)(A) to (C), inclusive.

Any compliance certification prepared and submitted pursuant to RCSA §22a-174-33(q)(2) shall be simultaneously submitted by the Permittee to the Administrator.

I. PERMIT DEVIATION NOTIFICATIONS [RCSA §22a-174-33(p)]

Notwithstanding Section VI.D of this Title V permit, the Permittee shall notify the commissioner in writing, on forms prescribed by the commissioner, of any deviation from an emissions limitation, and shall identify the cause or likely cause of such deviation, all corrective actions and preventive measures taken with respect thereto, and the dates of such actions and measures as follows:

1. For any hazardous air pollutant, no later than 24 hours after such deviation commenced; and
2. For any other regulated air pollutant, no later than ten days after such deviation commenced.

J. PERMIT RENEWAL [RCSA §22a-174-33(j)(1)(B)]

All of the terms and conditions of this Title V permit shall remain in effect until the renewal permit is issued or denied provided that a timely renewal application is filed in accordance with RCSA §§22a-174-33(g), -33(h), and -33(i).

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K. OPERATE IN COMPLIANCE [RCSA §22a-174-33(j)(1)(C)]

The Permittee shall operate the source in compliance with the terms of all applicable regulations, the terms of this Title V permit, and any other applicable provisions of law. In addition, any noncompliance constitutes a violation of the Clean Air Act and Chapter 446c of the Connecticut General Statutes and is grounds for federal and/or state enforcement action, permit termination, revocation and reissuance, or modification, and denial of a permit renewal application.

L. COMPLIANCE WITH PERMIT [RCSA §22a-174-33(j)(1)(G)]

This Title V permit shall not be deemed to:

1. Preclude the creation or use of emission reduction credits or allowances or the trading thereof in accordance with RCSA §§22a-174-33(j)(1)(I) and -33(j)(1)(P), provided that the commissioner's prior written approval of the creation, use, or trading is obtained;
2. Authorize emissions of an air pollutant so as to exceed levels prohibited pursuant to 40 CFR Part 72;
3. Authorize the use of allowances pursuant to 40 CFR Parts 72 through 78, inclusive, as a defense to noncompliance with any other applicable requirement; or
4. Impose limits on emissions from items or activities specified in RCSA §§22a-174-33(g)(3)(A) and -33(g)(3)(B) unless imposition of such limits is required by an applicable requirement.

M. INSPECTION TO DETERMINE COMPLIANCE [RCSA §22a-174-33(j)(1)(M)]

The commissioner may, for the purpose of determining compliance with this Title V permit and other applicable requirements, enter the premises at reasonable times to inspect any facilities, equipment, practices, or operations regulated or required under such permit; to sample or otherwise monitor substances or parameters; and to review and copy relevant records lawfully required to be maintained at such premises in accordance with this Title V permit. It shall be grounds for permit revocation should entry, inspection, sampling, or monitoring be denied or effectively denied, or if access to and the copying of relevant records is denied or effectively denied.

N. PERMIT AVAILABILITY

The Permittee shall have available at the facility at all times a copy of this Title V permit.

O. SEVERABILITY CLAUSE [RCSA §22a-174-33(j)(1)(R)]

The provisions of this Title V permit are severable. If any provision of this Title V permit or the application of any provision of this Title V permit to any circumstance is held invalid, the remainder of this Title V permit and the application of such provision to other circumstances shall not be affected.

P. NEED TO HALT OR REDUCE ACTIVITY [RCSA §22a-174-33(j)(1)(T)]

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Title V permit.

Q. PERMIT REQUIREMENTS [RCSA §22a-174-33(j)(1)(V)]

The filing of an application or of a notification of planned changes or anticipated noncompliance does not stay the Permittee's obligation to comply with this Title V permit.

R. PROPERTY RIGHTS [RCSA §22a-174-33(j)(1)(W)]

This Title V permit does not convey any property rights or any exclusive privileges. This Title V permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby, including CGS §4-181a(b) and RCSA §22a-3a-5(b). This Title V permit shall neither create nor affect any rights of persons who are not

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parties to this Title V permit.

S. ALTERNATIVE OPERATING SCENARIO RECORDS [RCSA §22a-174-33(o)(3)]

The Permittee shall, contemporaneously with making a change authorized by this Title V permit from one alternative operating scenario to another, maintain a record at the premises indicating when changes are made from one operating scenario to another and shall maintain a record of the current alternative operating scenario.

T. OPERATIONAL FLEXIBILITY AND OFF-PERMIT CHANGES [RCSA §22a-174-33(r)(2)]

The Permittee may engage in any action allowed by the Administrator in accordance with 40 CFR §§70.4(b)(12)(i) to (iii)(B), inclusive, and 40 CFR §§70.4(b)(14)(i) to (iv), inclusive, without a Title V non-minor permit modification, minor permit modification or revision and without requesting a Title V non-minor permit modification, minor permit modification or revision provided such action does not:

1. Constitute a modification under 40 CFR Part 60, 61 or 63;
2. Exceed emissions allowable under the subject permit;
3. Constitute an action which would subject the Permittee to any standard or other requirement pursuant to 40 CFR Parts 72 to 78, inclusive; or
4. Constitute a non-minor permit modification pursuant to RCSA §22a-174-2a(d)(4).

At least seven days before initiating an action specified in RCSA §22a-174-33(r)(2)(A), the Permittee shall notify the Administrator and the commissioner in writing of such intended action.

U. INFORMATION FOR NOTIFICATION [RCSA §22a-174-33(r)(2)(A)]

Written notification required under RCSA §22a-174-33(r)(2)(A) shall include a description of each change to be made, the date on which such change will occur, any change in emissions that may occur as a result of such change, any Title V permit terms and conditions that may be affected by such change, and any applicable requirement that would apply as a result of such change. The Permittee shall thereafter maintain a copy of such notice with the Title V permit. The commissioner and the Permittee shall each attach a copy of such notice to their copy of the Title V permit.

V. TRANSFERS [RCSA §22a-174-2a(g)]

No person other than the Permittee shall act or refrain from acting under the authority of this Title V permit unless such permit has been transferred to another person in accordance with RCSA §22a-174-2a(g).

The proposed transferor and transferee of a permit shall submit to the commissioner a request for a permit transfer on a form provided by the commissioner. A request for a permit transfer shall be accompanied by any fees required by any applicable provision of the general statutes or regulations adopted thereunder. The commissioner may also require the proposed transferee to submit with any such request, the information identified in CGS §22a-6m.

W. REVOCATION [RCSA §22a-174-2a(h)]

The commissioner may revoke this Title V permit on his own initiative or on the request of the Permittee or any other person, in accordance with CGS §4-182(c), RCSA §22a-3a-5(d), and any other applicable law. Any such request shall be in writing and contain facts and reasons supporting the request. The Permittee requesting revocation of this Title V permit shall state the requested date of revocation and provide evidence satisfactory to the commissioner that the subject source is no longer a Title V source.

Pursuant to the Clean Air Act, the Administrator has the power to revoke this Title V permit. Pursuant to the Clean Air Act, the Administrator also has the power to reissue this Title V permit if the Administrator has

Section VI: Title V Requirements

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determined that the commissioner failed to act in a timely manner on a permit renewal application.

This Title V permit may be modified, revoked, reopened, reissued, or suspended by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(r), CGS §22a-174c, or RCSA §22a-3a-5(d).

X. REOPENING FOR CAUSE [RCSA §22a-174-33(s)]

This Title V permit may be reopened by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(s).

Y. CREDIBLE EVIDENCE

Notwithstanding any other provision of this Title V permit, for the purpose of determining compliance or establishing whether a Permittee has violated or is in violation of any permit condition, nothing in this Title V permit shall preclude the use, including the exclusive use, of any credible evidence or information.