

Part 70 Operating Permit Amendment

Permit Amendment No.: **4911-103-0012-V-04-1** Effective Date:

Facility Name: **Effingham County Power, LLC**
3440 McCall Road
Rincon, Georgia 31326, Effingham County

Mailing Address: 3440 McCall Road
Rincon, Georgia 31326

Parent/Holding Company: Effingham County Power, LLC

Facility AIRS Number: 04-13-103-00012

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued a construction and operating permit for:

A nominal net 668 megawatt (MW) combined cycle power generation facility to consist of two natural gas fired and distillate fuel oil fired combustion turbines (CTs) and associated heat recovery steam generators (HRSGs) including duct burners, one steam turbine, one fuel heater, one auxiliary boiler, one 10-cell mechanical draft cooling tower, one six-cell mechanical draft cooling tower and one distillate fuel oil storage tank.

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Permit Amendment and Permit No. 4911-103-0012-V-04-0. Unless modified or revoked, this Permit Amendment expires upon issuance of the next Part 70 Permit for this source.

This Permit Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. 19810 dated July 22, 2010; any other applications upon which this Permit Amendment or Permit No. 4911-103-0012-V-04-0 are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **35** pages, which pages are a part of this Permit Amendment, and which hereby become part of Permit No. 4911-103-0012-V-04-0.

DRAFT

Director
Environmental Protection Division

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PART 1.0 FACILITY DESCRIPTION

1.3 Process Description of Modification

Effingham Power proposes to permit to construct and operate a nominal net 668-megawatt (MW) combined cycle power generation facility. The proposed project will consist of:

- Two (2) nominal 180-MW GE Model 7FA combustion turbines (CTs) that will be operated in combined cycle mode fired primarily by natural gas with ultra low sulfur diesel fuel as backup fuel. The combustion turbines are equipped with dry low-NO_x (DLN) combustor technology for natural gas combustion and water injection for fuel oil combustion;
- Two (2) heat recovery steam generators (HRSGs) each equipped with a natural gas fired duct burner;
- The combined CT/HRSG stack is equipped with selective catalytic reduction (SCR) and catalytic oxidation for control of nitrogen oxides (NO_x) and carbon monoxide (CO) emissions, respectively;
- One (1) 325-MW steam turbine generator;
- One (1) natural gas-fired auxiliary boiler with a heat input capacity of 17 million British Thermal Units per hour (10⁶ Btu/hr). The boiler will be equipped with low-NO_x burners (LNBS) to control NO_x emissions;
- One (1) natural gas-fired fuel gas heater with a heat input capacity of 8.75 x 10⁶ Btu/hr. The heater will be equipped with low-NO_x burners (LNBS) to control NO_x emissions;
- One (1) 10-cell cooling tower to provide cool water to the condensing steam turbine. The tower has a mechanical draft counter flow design and equipped with high efficiency drift eliminators to control particulate emissions;
- One (1) 6-cell cooling tower to provide cool water for the inlet chiller systems. The tower has a mechanical draft counter flow design and equipped with high efficiency drift eliminators to control particulate emissions;
- One (1) fixed-roof distillate fuel oil storage tank with a nominal capacity of 2,350,000 gallons.

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PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

3.1.1 Additional Emission Units

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
AB2	Natural Gas-Fired Auxiliary Boiler with a 17 x 10 ⁶ Btu/hr Heat Input Capacity	40 CFR 52.21 40 CFR 60 Subpart A 40 CFR 60 Subpart Dc 391-3-1-.02(2)(d) 391-3-1-.02(2)(g)	3.3.11, 3.3.12, 3.3.15, 3.3.21, 3.3.30, 3.3.34, 3.3.37, 3.3.38, 3.3.39, 4.1.4, 5.2.9, 6.1.8, 6.2.15, 6.2.17, 6.2.22, 6.2.30, 6.2.31, 6.2.33, 6.2.34, 6.2.35	LNAB	Low NO _x Combustor AB
FP2	Natural Gas-Fired Fuel Gas Heater with a 8.75 x 10 ⁶ Btu/hr Heat Input Capacity	40 CFR 52.21 391-3-1-.02(2)(d) 391-3-1-.02(2)(g)	3.3.11, 3.3.12, 3.3.31, 3.3.34, 3.3.37, 4.1.4, 5.2.9, 6.1.8, 6.2.15, 6.2.17, 6.2.30, 6.2.31, 6.2.32, 6.2.34, 6.2.35	LNFP	Low NO _x Combustor FP
CT3	155,000 Gallon per Minute Mechanical Draft Counter Flow 10 Cell Cooling Tower	40 CFR 52.21	3.3.11, 3.3.12, 3.3.40, 4.1.4, 6.2.32, 6.2.33	DE3	Drift Eliminators 3
CT4	10,042 Gallon per Minute Mechanical Draft Counter Flow 6 Cell Cooling Tower	40 CFR 52.21	3.3.11, 3.3.12, 3.3.40, 4.1.4, 6.2.32, 6.2.33	DE4	Drift Eliminators 4
T01	2,350,000-Gallon Fixed Roof Distillate Fuel Oil Storage Tank	40 CFR 52.21	3.3.11, 3.3.12, 3.3.41, 4.1.4, 6.2.33	None	NA
CTG3	GE 7FA Natural Gas-Fired and Distillate Fuel Oil-Fired Combustion Turbine, nominal 180 MW output	40 CFR 52.21 40 CFR 60 Subpart A 40 CFR 60 Subpart KKKK Acid Rain 391-3-1-.02(2)(b) 391-3-1-.02(2)(g)	3.3.11, 3.3.12, 3.3.13, 3.3.14, 3.3.16, 3.3.17, 3.3.18, 3.3.19, 3.3.22, 3.3.23, 3.3.24, 3.3.25, 3.3.26, 3.3.27, 3.3.28, 3.3.32, 3.3.33, 3.3.35, 3.3.36, 3.3.37, 4.1.4, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 5.2.8, 5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.14, 6.1.8, 6.2.15, 6.2.16, 6.2.17, 6.2.18, 6.2.19, 6.2.21, 6.2.23, 6.2.24, 6.2.25, 6.2.26, 6.2.27, 6.2.28, 6.2.29, 6.2.30, 6.2.31, 6.2.33, 6.2.34, 6.2.35, 7.9	SCR3, WI3, CO3, DLNT3	Selective Catalytic Reduction (SCR), Water Injection System, Catalytic Oxidizer, Dry Low NO _x Combustor

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Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
DB3	HRSRG, for CTG3 with Supplemental Natural Gas- Fired Duct Burner with a 470 x 10 ⁶ Btu/hr Heat Input Capacity	40 CFR 52.21 40 CFR 60 Subpart A 40 CFR 60 Subpart KKKK 391-3-1-.02(2)(g) 391-3-1-.02(2)(b)	3.3.11, 3.3.12, 3.3.14, 3.3.16, 3.3.20, 3.3.24, 3.3.25, 3.3.26, 3.3.29, 3.3.32, 3.3.34, 3.3.35, 3.3.36, 3.3.37, 4.1.4, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 5.2.8, 5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.14, 6.1.8, 6.2.15, 6.2.17, 6.2.18, 6.2.20, 6.2.23, 6.2.24, 6.2.25, 6.2.26, 6.2.27, 6.2.28, 6.2.29, 6.2.30, 6.2.31, 6.2.33, 6.2.34, 6.2.35	SCR3, CO3	Selective Catalytic Reduction (SCR), Catalytic Oxidizer
CTG4	GE 7FA Natural Gas-Fired and Distillate Fuel Oil-Fired Combustion Turbine, nominal 180 MW output	40 CFR 52.21 40 CFR 60 Subpart A 40 CFR 60 Subpart KKKK Acid Rain 391-3-1-.02(2)(b) 391-3-1-.02(2)(g)	3.3.11, 3.3.12, 3.3.13, 3.3.14, 3.3.16, 3.3.17, 3.3.18, 3.3.19, 3.3.22, 3.3.23, 3.3.24, 3.3.25, 3.3.26, 3.3.27, 3.3.28, 3.3.32, 3.3.33, 3.3.35, 3.3.36, 3.3.37, 4.1.4, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 5.2.8, 5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.14, 6.1.8, 6.2.15, 6.2.16, 6.2.17, 6.2.18, 6.2.19, 6.2.21, 6.2.23, 6.2.24, 6.2.25, 6.2.26, 6.2.27, 6.2.28, 6.2.29, 6.2.30, 6.2.31, 6.2.33, 6.2.34, 6.2.35, 7.9	SCR4, WI4, CO4, DLNT4	Selective Catalytic Reduction (SCR), Water Injection System, Catalytic Oxidizer, Dry Low NO _x Combustor
DB4	HRSRG, for CTG4 with Supplemental Natural Gas- Fired Duct Burner with a 470 x 10 ⁶ Btu/hr Heat Input Capacity	40 CFR 52.21 40 CFR 60 Subpart A 40 CFR 60 Subpart KKKK 391-3-1-.02(2)(b) 391-3-1-.02(2)(g)	3.3.11, 3.3.12, 3.3.14, 3.3.16, 3.3.20, 3.3.24, 3.3.25, 3.3.26, 3.3.29, 3.3.32, 3.3.34, 3.3.35, 3.3.36, 3.3.37, 4.1.4, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 5.2.8, 5.2.9, 5.2.10, 5.2.11, 5.2.12, 5.2.13, 5.2.14, 6.1.8, 6.2.15, 6.2.17, 6.2.18, 6.2.20, 6.2.23, 6.2.24, 6.2.25, 6.2.26, 6.2.27, 6.2.28, 6.2.29, 6.2.30, 6.2.31, 6.2.33, 6.2.34, 6.2.35	SCR4, CO4	Selective Catalytic Reduction (SCR), Catalytic Oxidizer

* Generally applicable requirements contained in this permit may also apply to emission units listed above. The lists of applicable requirements/standards and corresponding permit conditions are intended as a compliance tool and may not be definitive.

3.3 Equipment Federal Rule Standards

NEW CONDITIONS

- 3.3.11 The Permittee shall construct and operate the source or modification **as defined in Application No. 19810** that is subject to Georgia Rule 391-3-1-.02(7) in accordance with the application submitted pursuant to that rule. If the Permittee constructs or operates a source or modification not in accordance with the application submitted pursuant to that rule or with the terms of any approval to construct, the Permittee shall be subject to appropriate enforcement action.
[40 CFR 52.21(r)(1)]
- 3.3.12 Approval to construct **source or modification as defined in Application No. 19810** shall become invalid if construction is not commenced within 18 months after receipt of such approval, if construction is discontinued for a period of 18 months or more, or if construction is not completed within a reasonable time. The Director may extend the 18-month period upon a satisfactory showing that an extension is justified. This provision does not apply to the time period between construction of the approved phases of a phased construction project; each phase must commence construction within 18 months of the projected and approved commencement date.
[40 CFR 52.21(r)(2)]
- 3.3.13 The Permittee shall comply with all applicable provisions of the Acid Rain Program as found in 40 CFR Part 72 "Permit Regulations", 40 CFR Part 73 "Sulfur Dioxide Allowance System", 40 CFR Part 75 "Continuous Emissions Monitoring", and 40 CFR Part 77 "Excess Emissions" for operation of each of the combustion turbines (emission unit ID Nos: CTG3 and CTG4).
[40 CFR Parts 72, 73, 75, and 77]
- 3.3.14 The Permittee shall comply with all applicable provisions of the New Source Performance Standards (NSPS) as found in 40 CFR 60 Subpart A - "General Provisions" and 40 CFR 60 Subpart KKKK - "Standards of Performance for Stationary Combustion Turbines," for operation of each of the combustion turbines and duct burners (emission unit ID Nos: CTG3, CTG4, DB3, and DB4).
[40 CFR 60 Subparts A and KKKK]
- 3.3.15 The Permittee shall comply with all applicable provisions of the New Source Performance Standards (NSPS) as found in 40 CFR 60 Subpart A "General Provisions" and 40 CFR 60 Subpart Dc "Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units," for operation of the Auxiliary Boiler with emission unit ID No. AB2.
[40 CFR 60 Subparts A and Dc]

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3.3.16 The following stacks are defined for purposes of this Permit:

[40 CFR 52.21(j)]

- a. Combustion Turbine with emission unit ID No. CTG3 and Duct Burner with emission unit ID No. DB3 share a common stack.
- b. Combustion Turbine with emission unit ID No. CTG4 and Duct Burner with emission unit ID No. DB4 share a common stack.

3.3.17 The following definitions of startup and shutdown, as used in this Permit, shall apply to combustion turbines with emission unit ID Nos. CTG3 and CTG4:

[40 CFR 52.21(j)]

- a. Cold startup is defined as a startup to combined cycle operation following a complete shutdown lasting more than forty-eight hours.
 - i. The Permittee shall not combust fuel oil in the combustion turbines (emission unit ID Nos. CTG3 and CTG4) until the turbine load is at least 10.4 percent of maximum load adjusted for ambient conditions.
 - ii. Time allocated to a cold startup for fuel oil combustion is zero to 300 minutes or the time for reception of an operating load of seventy (70) percent of maximum load adjusted for ambient conditions.
 - iii. Time allocated to a cold startup for natural gas combustion is zero to 300 minutes or the time for the turbine to reach operating stage equivalent to mode 6Q and ammonia injection has occurred.
- b. Warm startup is defined as a startup to combined cycle operation following a complete shutdown lasting two hours or more, but less than or equal to forty-eight.
 - i. The Permittee shall not combust fuel oil in the combustion turbines (emission unit ID Nos. CTG3 and CTG4) until the turbine load is at least 10.4 percent of maximum load adjusted for ambient conditions.
 - ii. Time allocated to a warm startup for fuel oil combustion is zero to 155 minutes or the time for reception of an operating load of seventy (70) percent of maximum load adjusted for ambient conditions.
 - iii. Time allocated to a warm startup for natural gas combustion is zero to 155 minutes or the time for the turbine to reach operating stage equivalent to mode 6Q and ammonia injection has occurred.

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- c. Hot startup is defined as a startup to combined cycle operation following a complete shutdown lasting less than 2 hours.
- i. The Permittee shall not combust fuel oil in the combustion turbines (emission unit ID Nos. CTG3 and CTG4) until the turbine load is at least 10.4 percent of maximum load adjusted for ambient conditions.
 - ii. Time allocated to a warm startup for fuel oil combustion is zero to 60 minutes or the time for reception of an operating load of seventy (70) percent of maximum load adjusted for ambient conditions.
 - iii. Time allocated to a hot startup for natural gas combustion is zero to 60 minutes or the time for the turbine to reach operating stage equivalent to mode 6Q and ammonia injection has occurred.
- d. Unit shutdown is defined as the period of time from steady state operation to cessation of combustion turbine firing. Time allocated to a shutdown is zero to sixty minutes.
- 3.3.18 The Permittee shall limit the hours of startup and shutdown of combustion turbines with emission unit ID Nos. CTG3 and CTG4, each, to 1,099 hours during any twelve consecutive month period.
[40 CFR 52.21(j)]
- 3.3.19 The Permittee shall limit the hours of operation (including startup and shutdown) of combustion turbines with emission unit ID Nos. CTG3 and CTG4, each, to 1,000 hours during any twelve consecutive month period during fuel oil combustion.
[40 CFR 52.21(j); and PSD Avoidance for SO₂ and Sulfuric Acid Mist]
- 3.3.20 The Permittee shall limit the hours of operation of each duct burner with emission unit ID Nos. DB3 and DB4 to 4,000 hour during any twelve consecutive month period.
[40 CFR 52.21(j)]
- 3.3.21 The Permittee shall limit the hours of operation of auxiliary boiler with emission unit ID No. AB2 to 2,500 hours during any twelve consecutive month period.
[40 CFR 52.21(j)]
- 3.3.22 The Permittee shall install and operate, as Best Available Control Technology (BACT), for NO_x on each combustion turbine with emission unit ID Nos. CTG3 and CTG4 a dry low NO_x combustor for natural gas combustion.
[40 CFR 52.21(j)]
- 3.3.23 The Permittee shall install and operate, as BACT, for NO_x on each combustion turbine with emission unit ID Nos. CTG3 and CTG4 water or steam injection for distillate fuel oil combustion.
[40 CFR 52.21(j)]

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- 3.3.24 The Permittee shall install and operate, as BACT, for NO_x on the combined exhaust of CTG3/DB3 and on the combined exhaust of CTG4/DB4, selective catalytic reduction add-on control equipment.
[40 CFR 52.21(j)]
- 3.3.25 The Permittee shall install and operate, as BACT, for CO and VOC on the combined exhaust of CTG3/DB3 and on the combined exhaust of CTG4/DB4, catalytic oxidation add-on control equipment.
[40 CFR 52.21(j)]
- 3.3.26 The Permittee shall not discharge, or cause to be discharged, into the atmosphere, from the combined exhaust of each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4):
[40 CFR 52.21(j)]
- a. Nitrogen Oxides (NO_x) emissions, including emissions occurring during startup, shutdown, and malfunction, in excess of 210 tons during any twelve consecutive months during natural gas combustion.
 - b. Nitrogen Oxides (NO_x) emissions, including emissions occurring during startup, shutdown, and malfunction, in excess of 67 tons during any twelve consecutive months during fuel oil combustion.
 - c. Carbon Monoxide (CO) emissions, including emissions occurring during startup, shutdown, and malfunction, in excess of 236 tons during any twelve consecutive months during natural gas combustion.
 - d. Carbon Monoxide (CO) emissions, including emissions occurring during startup, shutdown, and malfunction, in excess of 46 tons during any twelve consecutive months during fuel oil combustion.
- 3.3.27 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from any of the combustion turbines with emission unit ID Nos. CTG3 and CTG4, each, while firing natural gas during all periods of operation, greenhouse gas (GHG, expressed as CO_{2e}) emissions in excess of 863,953 tons during any twelve consecutive months.
[40 CFR 52.21(j)]
- 3.3.28 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from any of the combustion turbines with emission unit ID Nos. CTG3 and CTG4, each, while firing fuel oil during all periods of operation, greenhouse gas (GHG, expressed as CO_{2e}) emissions in excess of 159,603 tons during any twelve consecutive months.
[40 CFR 52.21(j)]

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- 3.3.29 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from any of the duct burners with emission unit ID Nos. DB3 and DB4, each, while firing natural gas, during all periods of operation, greenhouse gas (GHG, expressed as CO_{2e}) emissions in excess of 111,837 tons during any twelve consecutive months.
[40 CFR 52.21(j)]
- 3.3.30 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from the auxiliary boiler with emission unit ID No. AB2 during all periods of operation, greenhouse gas (GHG, expressed as CO_{2e}) emissions in excess of 2,528 tons during any twelve consecutive months.
[40 CFR 52.21(j)]
- 3.3.31 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from the fuel gas heater with emission unit ID No. FP2 during all periods of operation, greenhouse gas (GHG, expressed as CO_{2e}) emissions in excess of 4,560 tons during any twelve consecutive months.
[40 CFR 52.21(j)]
- 3.3.32 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from any of the combustion turbines and their paired duct burners with emission unit ID Nos. CTG3/DB3 and CTG4/DB4:
[40 CFR 60.4330(a)1) and (a)(2)]
- a. Any fuel which contains total potential sulfur emissions in excess of 0.060 lb SO₂/MMBtu heat input; or
 - b. Any gases which contain SO₂ in excess of 0.90 lb/MW-hr, gross output.
- 3.3.33 The Permittee shall only fire the following fuels in the combustion turbines with emission unit ID Nos. CTG3 and CTG4:
- a. Pipeline quality natural gas with a fuel sulfur content not to exceed 0.5 grains per 100 standard cubic feet.
[40 CFR 52.21(j) for PM, PM10, PM2.5, 391-3-1-.02(2)(g)(subsumed); PSD Avoidance for SO₂ and Sulfuric Acid Mist; and 40 CFR 60.4365 (subsumed for SO₂)]
 - b. Ultra low sulfur diesel fuel that contains no more than 0.0015 percent sulfur by weight (15 ppm).
[40 CFR 52.21(j) for PM, PM10, PM2.5, 391-3-1-.02(2)(g)(subsumed); PSD Avoidance for SO₂ and Sulfuric Acid Mist; and 40 CFR 60.4365 (subsumed for SO₂)]

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- 3.3.34 The Permittee shall only fire pipeline quality natural gas with a fuel sulfur content not to exceed 0.5 grains per 100 standard cubic feet in each duct burner (emission unit ID Nos. DB3 and DB4), auxiliary boiler with emission unit ID No. AB2, and fuel gas heater with emission unit ID No. FP2.
[40 CFR 52.21(j) for NO_x and CO from FP2; 40 CFR 52.21(j) for PM, PM₁₀, PM_{2.5} for DB3, DB4, AB2, and FP2, 40 CFR 52.21(j) for VOC from AB2 and FP2; 391-3-1-.02(2)(d)(subsumed) for AB2 and FP1; 391-3-1-.02(g)(subsumed); PSD Avoidance for SO₂ and Sulfuric Acid Mist]
- 3.3.35 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from each combined combustion turbine and duct burner stack with emission unit ID Nos. CTG3/DB3 and CTG4/DB4, excluding periods of startup and shutdown, while firing **natural gas**, any gases which:
- a. Contain nitrogen oxides (NO_x) in excess of 2.0 ppmvd, corrected to 15% oxygen, on a 3-hour average.
[40 CFR 52.21(j) and 40 CFR 60.4320(a) (subsumed)]
 - b. Contain carbon monoxide (CO) in excess of 2.0 ppmvd, corrected to 15% oxygen, on a 3-hour average.
[40 CFR 52.21(j)]
 - c. Contain volatile organic compounds (VOC) in excess of 2.0 ppmvd, corrected to 15% oxygen, on a 3-hour average.
[40 CFR 52.21(j)]
- 3.3.36 The Permittee shall not discharge, or cause to be discharged, into the atmosphere from each combined combustion turbine and duct burner stack with emission unit ID Nos. CTG3/DB3 and CTG4/DB4, while firing **fuel oil** in each combustion turbine, any gases which:
- a. Contain nitrogen oxides (NO_x) in excess of 10.0 ppmvd, corrected to 15% oxygen, on a 3-hour average, excluding periods of startup and shutdown.
[40 CFR 52.21(j) and 40 CFR 60.4320(a) for (subsumed)]
 - b. Contain carbon monoxide (CO) in excess of 2.0 ppmvd, corrected to 15% oxygen, on a 3-hour average, excluding periods of startup and shutdown.
[40 CFR 52.21(j)]
 - c. Contain volatile organic compounds (VOC) in excess of 2.0 ppmvd, corrected to 15% oxygen, on a 3-hour average, excluding periods of startup and shutdown.
[40 CFR 52.21]

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- d. Contain particulate matter (PM) in excess of the following numerical limits, on a 3-hour average, including periods of startup and shutdown [40 CFR 52.21(j)]
 - i. 0.0103 lb/MMBtu with duct firing; and
 - ii. 0.0153 lb/MMBtu without duct firing.
 - e. Contain particulate matter less than 10 microns (PM₁₀) in excess of the following numerical limits, on a 3-hour average, including periods of startup and shutdown [40 CFR 52.21(j)]
 - i. 0.0103 lb/MMBtu with duct firing; and
 - ii. 0.0153 lb/MMBtu without duct firing.
 - f. Contain particulate matter less than 2.5 microns (PM_{2.5}) in excess of the following numerical limits, on a 3-hour average, including periods of startup and shutdown [40 CFR 52.21(j)]
 - i. 0.0103 lb/MMBtu with duct firing; and
 - ii. 0.0153 lb/MMBtu without duct firing.
- 3.3.37 The Permittee shall not discharge, or cause the discharge, into the atmosphere, from each combustion turbines and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4), the boiler (emission unit ID No. AB2) and the fuel gas heater (emission unit ID No. FP2), any gases exhibit greater than ten (10) percent opacity. [40 CFR 52.21(j); 391-3-1-.02(2)(b)(subsumed) for CTG3/DB3 and CTG4/DB4; and 391-3-1-.02(2)(d)(subsumed) for AB2 and FP2]
- 3.3.38 The Permittee shall not discharge, or cause the discharge, into the atmosphere from the Auxiliary Boiler AB2, any gases which contain NO_x in excess of 0.098 lb/MMBtu. [40 CFR 52.21(j)]
- 3.3.39 The Permittee shall not discharge, or cause the discharge, into the atmosphere from the Auxiliary Boiler AB2, any gases which contain CO in excess of 0.082 lb/MMBtu. [40 CFR 52.21(j)]

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3.3.40 The Permittee shall not cause, let, suffer, permit or allow a mass flow rate on either of the cooling towers with emission unit ID Nos. CT3 or CT4 equal to or greater than as determined to allow a drift eliminator effectiveness of 0.0005% guaranteed. The cooling towers will utilize high efficiency drift eliminators as best available control technologies (BACT) to limit particulate matter emissions from the cooling towers. The limit of this permit condition applies during all times of operation, including startup, shutdown, and malfunction.

[40 CFR 52.21(j)]

3.3.41 The Permittee shall institute the following best available control technologies (BACT) as specified in this permit condition.

[40 CFR 52.21(j)]

- a. Installation and operation of conservation vents and proper operating and maintenance practices as specified by the manufacturer for fuel storage tank with emission unit ID No. T01. This equipment shall be employed at all times applicable equipment is in operation, including startup, shutdown, and malfunction.
- b. Installation and operation of submerged fuel fill pipes on the fuel storage tank with emission unit ID No. T01. This equipment shall be employed at all times applicable equipment is in operation, including startup, shutdown, and malfunction.

PART 4.0 REQUIREMENTS FOR TESTING

4.1 General Testing Requirements

NEW CONDITION

- 4.1.4 Performance and compliance tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's Procedures for Testing and Monitoring Sources of Air Pollutants. **This Permit Condition pertains to project defined in Application No. 19810.** The methods for the determination of compliance with emission limits listed under Sections 3.2, 3.3, 3.4 and 3.5 which pertain to the emission units listed in Section 3.1 are as follows:
- a. Method 1 shall be used for the determination of sample point locations,
 - b. Method 2 shall be used for the determination of stack gas flow rate,
 - c. Method 3 or 3A shall be used for the determination of stack gas molecular weight,
 - d. Method 3B shall be used for the determination of the emissions rate correction factor for excess air; Method 3A may be used as an alternative,
 - e. Method 4 shall be used for the determination of stack gas moisture,
 - f. Method 5 shall be used for the determination of particulate matter concentration,
 - g. Method 5T shall be used for the determination of the particulate matter concentration for the combustion turbines. The sampling time for each run shall be one hour,
 - h. Method 6 or 6C shall be used to determine the sulfur dioxide concentration,
 - i. Method 7E shall be used to determine the nitrogen oxides concentration,
 - j. Method 9 and the procedures contained in Section 1.3 of the above reference document shall be used for the determination of opacity,
 - k. Method 10 shall be used for the determination of carbon monoxide concentration. The sampling time for each run shall be one hour,
 - l. Method 19 shall be used, when applicable, to convert particulate matter, carbon monoxide, sulfur dioxide, and nitrogen oxide concentrations (i.e., grains/dscf for PM, ppm for gaseous pollutants), as determined using other methods specified in this section, to emission rates (i.e., lb/MMBtu),

- m. As allowed by Conditions 4.2.3 and 4.2.4, if the Permittee chooses to periodically determine the sulfur content of the fuel combusted in each combustion turbine with emission unit ID No. CTG3 and CTG4 in lieu of annual performance tests to satisfy the requirements of 40 CFR 60.4415 as it relates to 40 CFR 60.4330(a)(2), a representative fuel sample shall be collected following the ASTM methods specified in 40 CFR 60.4415(a)(1),
[40 CFR 60.4415(a)(1)]
- n. ASTM Test Methods D129, D1552, D2622, or D4294 shall be used for the determination of fuel oil sulfur content.
- o. Method 25A shall be used for the determination of concentrations of volatile organic compounds. The concentration of formaldehyde measured using Method 320 shall be added to the results of Method 25A to determine the VOC concentration. The Permittee may use Method 18 for determining methane and ethane concentrations to subtract from the results of Method 25A. The sampling time for each run shall be one hour to demonstrate compliance with Condition 3.3.35c and 3.3.36c.
- p. Methods 201A, in conjunction with Method 202, shall be used to determine concentrations of PM10 and PM2.5 to demonstrate compliance with emission limits in Permit Condition 3.3.36d, 3.3.36e, and 3.3.36f.

Minor changes in methodology may be specified or approved by the Director or his designee when necessitated by process variables, changes in facility design, or improvement or corrections that, in his opinion, render those methods or procedures, or portions thereof, more reliable.

[391-3-1-.02(3)(a)]

4.2 Specific Testing Requirements

NEW CONDITIONS

- 4.2.1 Within 60 days after achieving the maximum production rate at which each affected facility will be operated on **natural gas**, but not later than 180 days after the initial startup of each affected facility, the Permittee shall conduct the following performance tests when the combustion turbine (emission unit ID Nos. CTG3 and CTG4) **is fired with natural gas** and furnish to the Division a written report of the results of each performance tests:
 - a. For purposes of this condition, the term “affected facility” is defined as each combined cycle combustion turbine and duct burner system with emission unit ID Nos. CTG3/DB3 and CTG4/DB4. The duct burner system does not have to operate when the combustion turbine is operating at partial load if that represents normal operation of the affected facility at partial load.
 - b. Performance tests on each affected facility, for NO_x, emissions in accordance with 40 CFR 60.4400 to verify compliance with 3.3.35a. The performance test for each NO_x CEMS specified in Permit Condition 5.2.8a for each affected facility must be performed in accordance with 40 CFR 60.4405.

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[40 CFR 52.21, 40 CFR 60.4400, 40 CFR 60.4405, 391-3-1-.02(6)(b)1.(i)]

- c. Performance tests on each affected facility for carbon monoxide emissions, at base load and at approximately seventy (70) percent load, to verify compliance with Condition 3.3.35b.

[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)] or

- d. Performance tests on each affected facility for volatile organic compounds, at base load and at approximately seventy (70) percent load, to verify compliance with Condition 3.3.35c.

[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)]

- e. Performance tests on each affected facility to satisfy the initial performance test requirements for SO₂ emissions in accordance with 40 CFR 60.4415.

[40 CFR 60.4415 for SO₂, PSD Avoidance for SO₂ and Sulfuric Acid Mist emissions]

The performance tests for carbon monoxide and volatile organic compounds shall be conducted concurrently.

- 4.2.2 Within 60 days after achieving the maximum production rate at which each affected facility will be operated on **fuel oil**, but not later than 180 days after the initial startup of each affected facility, the Permittee shall conduct the following performance tests when the combustion turbine (emission unit ID Nos. CTG3 and CTG4) **is fired with fuel oil** and furnish to the Division a written report of the results of each performance tests:

- a. For purposes of this condition, the term “affected facility” is defined as each combined cycle combustion turbine and duct burner system with emission unit ID Nos. CTG3/DB3 and CTG4/DB4.

- b. Performance tests on each affected facility, for NO_x, emissions in accordance with 40 CFR 60.4400 to verify compliance with 3.3.36a. The performance test for each NO_x CEMS specified in Condition 5.2.8a for each affected facility must be performed in accordance with 40 CFR 60.4405.

[40 CFR 52.21, 40 CFR 60.4400, 40 CFR 60.4405, 391-3-1-.02(6)(b)1.(i)]

- c. Performance tests on each affected facility for carbon monoxide emissions, at base load and at approximately seventy (70) percent load, to verify compliance with Condition 3.3.36b.

[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)]

- d. Performance tests on each affected facility for volatile organic compounds, at base load and at approximately seventy (70) percent load, to verify compliance with Condition 3.3.36c.

[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)]

- e. Performance tests on each affected facility for particulate matter (PM) emissions, at base load with duct firing, to verify compliance with Condition 3.3.36d.i.

[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)]

- f. Performance tests on each affected facility for PM₁₀ emissions, at base load with duct firing to verify compliance with Condition 3.3.36e.i.
[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)]
- g. Performance tests on each affected facility for PM_{2.5} emissions, at base load with duct firing to verify compliance with Condition 3.3.36f.i.
[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)]
- h. Performance tests on each affected facility for visible emissions at base load to verify compliance with Condition 3.3.37. The performance tests for PM and visible emissions shall be conducted concurrently.
[40 CFR 52.21 and 391-3-1-.02(6)(b)1.(i)]
- i. Performance tests on each affected facility to satisfy the initial performance test requirements for SO₂ emissions in accordance with 40 CFR 60.4415.
[40 CFR 60.4415 for SO₂, PSD Avoidance for SO₂ and Sulfuric Acid Mist emissions]

The performance tests for carbon monoxide and volatile organic compounds shall be conducted concurrently.

4.2.3 Subsequent SO₂ performance tests shall be conducted on an annual basis (no more than 14 calendar months following the previous performance test) for each affected facility combusting **natural gas**. The Permittee shall furnish to the Division a written report of the results of each performance tests:
[40 CFR 60.4415]

- a. For purposes of this condition, the term “affected facility” is defined as each combined cycle combustion turbine and duct burner system with emission unit ID Nos. CTG3/DB3 and CTG4/DB4.
- b. The Permittee may use one of three methodologies to conduct the required performance tests and the methods are specified in 40 CFR 60.4415(a).

4.2.4 Subsequent SO₂ performance tests shall be conducted on an annual basis (no more than 14 calendar months following the previous performance test) for each affected facility combusting **fuel oil**. The Permittee shall furnish to the Division a written report of the results of each performance tests:
[40 CFR 60.4415]

- a. For purposes of this condition, the term “affected facility” is defined as each combined cycle combustion turbine and duct burner system with emission unit ID Nos. CTG3/DB3 and CTG4/DB4.
- b. The Permittee may use one of three methodologies to conduct the required performance tests and the methods are specified in 40 CFR 60.4415(a).

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- 4.2.5 All CEMS and continuous monitoring systems required by Conditions 5.2.8 and 5.2.9 and all control technologies required by Conditions 3.3.22 through 3.3.25 shall be installed and operating during all performance testing required in Permit Conditions 4.2.1 through 4.2.4. [40 CFR 52.21; 40 CFR 60 Subpart KKKK]

PART 5.0 REQUIREMENTS FOR MONITORING (Related to Data Collection)**5.2 Specific Monitoring Requirements****NEW CONDITIONS**

- 5.2.8 The Permittee shall install, calibrate, maintain, and operate a system to continuously monitor and record the indicated pollutants on the following equipment. Each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
- a. A Continuous Emissions Monitoring System (CEMS) for measuring NO_x concentration and diluent concentration (either oxygen or carbon dioxide) discharge to the atmosphere from each combined turbine and duct burner stack specified in Condition 3.3.16. The one-hour average nitrogen oxides emissions rates shall also be recorded in pound per million Btu heat input, and ppm corrected to 15 percent oxygen on a dry basis. The diluent concentration shall be expressed in percent. [40 CFR 52.21, 40 CFR 60.4350, 40 CFR 60.4335, 40 CFR 70.6(a)(3)(i), and 391-3-1-.02(6)(b)1]
 - b. A Continuous Emissions Monitoring System (CEMS) for measuring CO concentration and diluent concentration (either oxygen or carbon dioxide) discharge to the atmosphere from each combined turbine and duct burner stack specified in Condition 3.3.16. The one-hour average carbon monoxide emissions rates shall also be recorded in pound per million Btu heat input, and ppm corrected to 15 percent oxygen on a dry basis. The diluent concentration shall be expressed in percent. Each CO diluent CEMS must be installed and certified according to Performance Specification 4 and 4A in appendix B of **The Procedures for Testing and Monitoring Sources of Air Pollutants**, except the 7-day calibration drift shall be based on unit operating days and not calendar days. [40 CFR 52.21, 40 CFR 70.6(a)(3)(i), and 391-3-1-.02(6)(b)1]
- 5.2.9 The Permittee shall install, calibrate, maintain, and operate monitoring devices for the measurement of the indicated parameters on the following equipment. Data shall be recorded at the frequency specified below. Where such performance specification(s) exist, each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
- a. The quantity of natural gas, in cubic feet, burned in each combustion turbine with emission unit ID Nos. CTG3 and CTG4. Data shall be recorded continuously. [391-3-1-.02(6)(b)1, 40 CFR 52.21, 40 CFR 70.6(a)(3)(i), and 40 CFR 60, Subpart KKKK (subsumed)]
 - b. The quantity of fuel oil, in gallons, burned in each combustion turbine with emission unit ID Nos. CTG3 and CTG4. Data shall be recorded continuously. [391-3-1-.02(6)(b)1, 40 CFR 52.21, 40 CFR 70.6(a)(3)(i), and 40 CFR 60, Subpart KKKK (subsumed)]

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- c. The quantity of natural gas, in cubic feet, burned in each duct burner with emission unit ID Nos. DB3 and DB4. Data shall be recorded continuously.
[391-3-1-.02(6)(b)1, 40 CFR 52.21, 40 CFR 70.6(a)(3)(i), and 40 CFR 60, Subpart KKKK (subsumed)]
 - d. The quantity of natural gas, in cubic feet, burned in the auxiliary boiler with emission unit ID No. AB2. Data shall be recorded monthly.
[391-3-1-.02(6)(b)1, 40 CFR 52.21, and 40 CFR 70.6(a)(3)(i)]
 - e. The quantity of natural gas, in cubic feet, burned in the fuel gas heater with emission unit ID No. FP2. Data shall be recorded monthly.
[391-3-1-.02(6)(b)1, 40 CFR 52.21, and 40 CFR 70.6(a)(3)(i)]
 - f. The cumulative total hours of operation, during all periods of operation, for each duct burner with emission unit ID Nos. DB3 and DB4. Data shall be recorded monthly.
[391-3-1-.02(6)(b)1, 40 CFR 52.21, and 40 CFR 70.6(a)(3)(i)]
 - g. The cumulative total hours of operation, during all periods of operation, for each combustion turbine with emission unit ID Nos. CTG3 and CTG4 while firing fuel oil. Data shall be recorded monthly.
[391-3-1-.02(6)(b)1, 40 CFR 52.21, and 40 CFR 70.6(a)(3)(i)]
 - h. The cumulative total hours of startup and shutdown, for each combustion turbine with emission unit ID Nos. CTG3 and CTG4 while firing natural gas. Data shall be recorded monthly.
[391-3-1-.02(6)(b)1, 40 CFR 52.21, and 40 CFR 70.6(a)(3)(i)]
 - i. The cumulative total hours of operation, during all periods of operation, for the auxiliary boiler with emission unit ID No. AB2. Data shall be recorded monthly.
[391-3-1-.02(6)(b)1, 40 CFR 52.21, and 40 CFR 70.6(a)(3)(i)]
- 5.2.10 The Permittee shall, using the procedures of Appendix F, Procedure 1 (Quality Assurance Requirements for Gas Continuous Emissions Monitoring Systems Used for Compliance Determination) contained in the Division's **Procedures for Testing and Monitoring Sources of Air Pollutants**, to assess the quality and accuracy of the data acquired by the carbon monoxide CEMS required by Condition 5.2.8b. The Permittee shall maintain records specifying the results of the daily CEMS drift tests and quarterly accuracy assessments under Appendix F, Procedure 1. In addition, the Permittee shall maintain records which identify the Out-of-Control Periods (as defined in Appendix F, Procedure 1) for the CO CEMS during each calendar quarter. The following exceptions to Appendix F, Procedure 1 are allowed:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]
- a. The cylinder gas audit (CGA) is only required to be conducted in a calendar quarter if the turbine is operated during the quarter.

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b. The Relative Accuracy Test Audit (RATA) shall be conducted annually or every four operating quarters (not to exceed eight calendar quarters) whichever is greater. For the purpose of this condition an operating quarter is defined as any calendar quarter during which the turbine is operated.

5.2.11 The Permittee shall obtain CO emissions data for at least 75 percent of the operating hours for each turbine during each calendar month that a turbine is operated. If this minimum data requirement is not met using the CO CEMS required by Condition 5.2.8b, the Permittee may supplement the emissions data with data obtained by conducting sampling using the methods prescribed in Condition 4.1.4. The Permittee shall maintain records, which identify periods during each calendar month for which CO emissions data have not been obtained for 75 percent of the turbine operating hours during the month, include reasons for not obtaining sufficient data and a description of corrective actions taken.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

5.2.12 The following pollutant specific emission unit(s) (PSEU) are subject to the Compliance Assurance Monitoring (CAM) Rule in 40 CFR 64.

Emission Unit	Pollutant
CTG3/DB3	CO
CTG4/DB4	CO
CTG3/DB3	NOx
CTG4/DB4	NOx

Permit conditions in this permit for the PSEU(s) listed above with the regulatory citation 40 CFR 70.6(a)(3)(i) are included for the purpose of complying with 40 CFR 64. In addition, the Permittee shall meet the requirements, as applicable, of 40 CFR 64.7, 64.8, and 64.9.
[40 CFR 64]

5.2.13 The Permittee shall comply with the performance criteria listed in the table below for the CO emissions from CTG3/DB3 and/or CTG4/DB4.
[40 CFR 64.6(c)(1)(iii)]

Performance Criteria [64.4(a)(3)]	Indicator No. 1 CEMS CO Value
A. Data Representativeness [64.3(b)(1)]	CO and O ₂ (or CO ₂) are monitored with a CEMS that is Performance Specification 4 and 4A in appendix B of the Procedures for Testing and Monitoring Sources of Air Pollutants
B. Verification of Operational Status (new/modified monitoring equipment only) [64.3(b)(2)]	Meet requirements of Performance Specification 4 or 4A.
C. QA/QC Practices and Criteria [64.3(b)(3)]	QA/QC procedures include calibration, maintenance following manufacturer's specifications and specific to the plant.
D. Monitoring Frequency [64.3(b)(4)]	Measurements are taken continuously except during periods of calibration and maintenance.
E. Data Collection Procedures [64.3(b)(4)]	The data acquisitions systems (DAS) retains all hourly average CO data.

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Performance Criteria [64.4(a)(3)]	Indicator No. 1 CEMS CO Value
F. Averaging Period [64.3(b)(4)]	Per minute data is used to calculate 1-hour averages which is used to calculate a 3-hour rolling average.

- 5.2.14 The Permittee shall comply with the performance criteria listed in the table below for the NOx emissions from CTG3/DB3 and CTG4/DB4.
[40 CFR 64.6(c)(1)(iii)]

Performance Criteria [64.4(a)(3)]	Indicator No. 1 CEMS NOx Value
A. Data Representativeness [64.3(b)(1)]	NOx and O ₂ are monitored with a CEMS that is certified under 40 CFR Part 75, Appendix A.
B. Verification of Operational Status (new/modified monitoring equipment only) [64.3(b)(2)]	NA
C. QA/QC Practices and Criteria [64.3(b)(3)]	QA/QC procedures include calibration, maintenance following manufacturer's specifications and specific to the plant.
D. Monitoring Frequency [64.3(b)(4)]	Measurements are taken continuously except during periods of calibration and maintenance.
E. Data Collection Procedures [64.3(b)(4)]	The data acquisitions systems (DAS) retains all hourly average NOx data.
F. Averaging Period [64.3(b)(4)]	Per minute data is used to calculate 1-hour averages which is used to calculate a 3-hour rolling average.

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS

6.1 General Record Keeping and Reporting Requirements

NEW CONDITION

6.1.8 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported as it relates to the project specified in Application No. 19810:

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

i. Any unit operating period in which the 30 unit operating day rolling average NOx emission rate from each combined combustion turbine/duct burner stack exceeds 15 ppmvd @ 15% oxygen while burning natural gas. The definition of a “30 unit operating day average NOx emission rate” is defined in 40 CFR 60.4380(b)(1).

[40 CFR 60.4350 and 40 CFR 60.4380(b)]

ii. Any unit operating period in which the 30 unit operating day rolling average NOx emission rate from each combined combustion turbine/duct burner stack exceeds 42 ppmvd @ 15% oxygen while burning fuel oil. The definition of a “30 unit operating day average rolling average NOx emission rate” is defined in 40 CFR 60.4380(b)(1).

[40 CFR 60.4350 and 40 CFR 60.4380(b)]

iii. Excess emissions are defined as described in 40 CFR 60.4385(a) and (b) as they relate to Condition 3.3.32.

[40 CFR 60.4385]

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

i. Any twelve consecutive month total hours of operation of auxiliary boiler with emission unit ID No. AB2 which exceeds 2,500 hours during all periods of operation.

[40 CFR 52.21]

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- ii. Any twelve consecutive month total hours of operation from burning ultra low sulfur diesel fuel, for each combustion turbine with emission unit ID No. CGT3 and/or CGT4 which exceeds 1,000 hours during all periods of operation.
[40 CFR 52.21 and PSD Avoidance for SO₂ and Sulfuric Acid Mist]
- iii. Any twelve consecutive month total hours of operation for each duct burner with emission unit ID No. DB3 and/or DB4 which exceeds 4,000 hours during all periods of operation.
[40 CFR 52.21]
- iv. Any twelve consecutive month total hours of startup and shutdown for each combustion turbine with emission unit ID Nos. CTG3 and CTG4, each, which exceeds 1,099 hours while firing natural gas.
[40 CFR 52.21]
- v. Any time natural gas is burned in any of the following emission units which has a sulfur content in excess of 0.5 grains per 100 standard cubic feet: combustion turbines (emission unit ID Nos. CTG3 and CTG4), duct burners (emission unit ID Nos. DB3 and DB4), boiler (emission unit ID No. AB2), fuel gas heater (emission unit FP2).
[40 CFR 52.21 for PM, PM10, and PM2.5; 391-3-1-.02(2)(g)(subsumed); PSD Avoidance for SO₂ and Sulfuric Acid Mist; and 40 CFR 60.4365(subsumed)]
- vi. Any time fuel oil is burned in the combustion turbines (emission unit ID Nos. CTG3 and CTG4) which has a weight percent sulfur content in excess of 0.0015.
[40 CFR 52.21 for PM, PM10, and PM2.5; 391-3-1-.02(2)(g)(subsumed); PSD Avoidance for SO₂ and Sulfuric Acid Mist; and 40 CFR 60.4365(subsumed)]
- vii. Any three-hour rolling average NO_x emission rate, determined in accordance with Condition 5.2.8a, which exceeds 2.0 ppmvd at 15% oxygen for each combined combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with natural gas, excluding periods of startup and shutdown. For purposes of this condition, each clock hour begins a new one-hour average.
[40 CFR 52.21 and 40 CFR 60.4320(a)(subsumed)]
- viii. Any three-hour rolling average NO_x emission rate, determined in accordance with Condition 5.2.8a, which exceeds 10.0 ppmvd at 15% oxygen for each combined combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with fuel oil excluding periods of startup and shutdown. For purposes of this condition, each clock hour begins a new one-hour average.
[40 CFR 52.21 and 40 CFR 60.4320(a)(subsumed)]

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- ix. Any twelve consecutive month total NO_x emissions (tons) from each combined combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with natural gas, which exceeds 210 tons during all periods of operation.
[40 CFR 52.21]
- x. Any twelve consecutive month total NO_x emissions (tons) from each combined combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with fuel oil, which exceeds 67 tons during all periods of operation.
[40 CFR 52.21]
- xi. Any three-hour rolling average CO emission rate, determined in accordance with Condition 5.2.8b, which exceeds 2.0 ppmvd at 15% oxygen for each combined combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with natural gas excluding periods of startup and shutdown. For purposes of this condition, each clock hour begins a new one-hour average.
[40 CFR 52.21]
- xii. Any three-hour rolling average CO emission rate, determined in accordance with Condition 5.2.8b, which exceeds 2.0 ppmvd at 15% oxygen for each combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with fuel oil excluding periods of startup and shutdown. For purposes of this condition, each clock hour begins a new one-hour average.
[40 CFR 52.21]
- xiii. Any twelve consecutive month total CO emissions (tons) from each combined combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with natural gas which exceeds 236 tons during all periods of operation.
[40 CFR 52.21]
- xiv. Any twelve consecutive month total CO emissions (tons) from each combined combustion turbine and duct burner stack specified in Condition 3.3.16 when the combustion turbine is fired with fuel oil which exceeds 46 tons during all periods of operation.
[40 CFR 52.21]
- xv. Any twelve consecutive month total GHG emissions (expressed as CO_{2e}) from each combustion turbine with emission unit ID Nos. CTG3 and CTG4 while firing natural gas which exceeds 863,953 tons during all periods of operation.
[40 CFR 52.21]

- xvi. Any twelve consecutive month total GHG emissions (expressed as CO_{2e}) from each combustion turbine with emission unit ID Nos. CTG3 and CTG4 while firing fuel oil which exceeds 159,603 tons during all periods of operation.
[40 CFR 52.21]
- xvii. Any twelve consecutive month total GHG emissions (expressed as CO_{2e}) from each duct burner with emission unit ID Nos. DB3 and DB4 while firing natural gas which exceeds 111,837 tons during all periods of operation.
[40 CFR 52.21]
- xviii. Any twelve consecutive month total GHG emissions (expressed as CO_{2e}) from the boiler with emission unit ID No. AB2 while firing natural gas which exceeds 2,528 tons during all periods of operation.
[40 CFR 52.21]
- xix. Any twelve consecutive month total GHG emissions (expressed as CO_{2e}) from the fuel gas heater with emission unit ID No. FP2 while firing natural gas which exceeds 4,560 tons during all periods of operation.
[40 CFR 52.21]
- c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

None to be reported.

6.2 Specific Record Keeping and Reporting Requirements

NEW CONDITIONS

Recordkeeping Requirements

- 6.2.15 The Permittee shall monitor the sulfur content of the natural gas burned in the combustion turbines (emission unit ID Nos. CTG3 and CTG4), the duct burners (emission unit ID Nos. DB3 and DB4), the boiler (emission unit ID No. AB2), and the fuel gas heater (emission unit ID No. FP2) by the submittal of a semiannual analysis of the gas by the supplier.
[391-3-1-.02(6)(b)1; 40 CFR 52.21; 391-3-1-.02(2)(g)(subsumed); PSD Avoidance for SO₂ and Sulfuric Acid Mist]
- 6.2.16 The Permittee shall verify and document that each shipment of fuel oil received for combustion in the combustion turbines (emission unit ID Nos. CTG3 and CTG4) complies with the requirements of Condition 3.3.33 by either of the following means:
[391-3-1-.02(6)(b)1; 40 CFR 52.21; 391-3-1-.02(2)(g)(subsumed); PSD Avoidance for SO₂ and Sulfuric Acid Mist]
 - a. Fuel oil receipts obtained from the fuel supplier certifying that the fuel oil contains less than or equal to 0.0015 percent sulfur, by weight.

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- b. Analysis of the fuel oil conducted by methods of sampling and analysis which have been specified or approved by the Division which demonstrates that the fuel oil contains less than or equal to 0.0015 percent sulfur, by weight.
- 6.2.17 The Permittee shall retain the following fuel usage records based on monitoring required by Condition 5.2.9. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]
- a. Monthly natural gas usage in each combustion turbine with emission unit ID Nos. CTG3 and CTG4.
[40 CFR 52.21 and 40 CFR 60, Subpart KKKK]
- b. Monthly natural gas usage in each duct burner with emission unit ID Nos. DB3 and DB4.
[40 CFR 52.21 and 40 CFR 60, Subpart KKKK]
- c. Monthly fuel oil usage in each combustion turbine with emission unit ID Nos. CTG3 and CTG4.
[40 CFR 52.21 and 40 CFR 60, Subpart KKKK]
- d. The twelve consecutive month total natural gas usage in each combustion turbine with emission unit ID Nos. CTG3 and CTG4. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months.
[40 CFR 52.21]
- e. The twelve consecutive month total natural gas usage in each duct burner with emission unit ID Nos. DB3 and DB4. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months.
[40 CFR 52.21]
- f. The twelve consecutive month total fuel oil usage in each combustion turbine with emission unit ID Nos. CTG3 and CTG4. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months.
[40 CFR 52.21]
- g. The twelve consecutive month total natural gas usage in the boiler with emission unit ID No. AB2. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months.
[40 CFR 52.21]

- h. The twelve consecutive month total natural gas usage in the fuel gas heater with emission unit ID No. FP2. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months.
[40 CFR 52.21]

6.2.18 The Permittee shall develop and maintain an on-site quality assurance plan as specified in 40 CFR 60.4345(e) for all of the continuous monitoring equipment described in 40 CFR 60.4345 (a), (c), and (d) as it relates to emission unit ID Nos. CTG3/DB3 and CTG4/DB4.
[40 CFR 60.4345(e)]

Verification of Compliance with Operational Limits

6.2.19 The Permittee shall maintain the following records as they relate to the startup and shutdown of each combustion turbine with emission unit ID Nos. CTG3 and CTG4:
[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. The time (minutes) attributed to the startup, type of startup (cold, warm or hot start), and the time (minutes) attributed to shutdown. If the turbine was not in operation on any given day, the record shall so note.
- b. The monthly total hours attributed to startup and shutdown on a combined basis.
- c. The twelve consecutive month total hours attributed to startup and shutdown on a combined basis.
- d. The turbine load at which the Permittee initiated fuel oil combustion for each startup to verify compliance with Conditions 3.3.17a.i, 3.3.17b.i, and 3.3.17c.i.

6.2.20 The Permittee shall use the hour meter required by Condition 5.2.9f to determine and record the total twelve consecutive month operating hours for each duct burner with emission unit ID Nos. DB3 and DB4 at the end of each calendar month. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.
[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

6.2.21 The Permittee shall use the hour meter required by Condition 5.2.9g to determine and record the total twelve consecutive month operating hours for each combustion turbine with emission unit ID Nos. CTG3 and CTG4 at the end of each calendar month. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.
[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

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- 6.2.22 The Permittee shall use the hour meter required by Condition 5.2.9d to determine and record the total twelve consecutive month operating hours for the auxiliary boiler with emission unit ID No. AB2. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.
[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

Verification of Compliance with NOx Emission Limits

- 6.2.23 The Permittee shall determine and record a 30-day rolling average NOx emission rate (in ppm at 15 percent oxygen) for each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4), using the NOx hourly emission rate determined in accordance with Condition 5.2.8a. For purposes of this Condition, a 30-day rolling average is based on natural gas combustion only and a separate 30-day rolling average for fuel oil combustion.
[40 CFR 60.4250 and 40 CFR 60.4380]
- 6.2.24 The Permittee shall determine and record the mass emission rate (lb/hr) of NOx from each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) for each hour or portion of each hour of operation for each fuel type combusted. The hourly mass emission rate shall be calculated by multiplying the total NOx emissions in units of pounds per million Btu, determined in accordance with the procedures of 40 CFR Part 75, Section 3 of Appendix F, by the total heat input for that hour determined in accordance with the procedures of 40 CFR Part 75 Section 5.5 of Appendix F. These records (including calculations) shall be maintained in a form suitable for inspection or submittal.
[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]
- 6.2.25 The Permittee shall use the records required by Condition 6.2.24 to determine and record the monthly mass emission rate for each fuel type combusted, in tons per month, of NOx, from each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) for each fuel type combusted. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection nor submittal.
[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]
- 6.2.26 The Permittee shall use the records required by Condition 6.2.25 to determine and record the twelve consecutive month total of nitrogen oxides emissions (in tons) from each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) for each fuel type combusted. A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.
[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

Verification of Compliance with CO Emission Limits

6.2.27 The Permittee shall determine and record the mass emission rate (lb/hr) of carbon monoxide from each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) for each fuel type combusted. The mass emission rate shall be calculated from the hourly heat input rate (million Btu per hour), determined in accordance with the procedures of Appendix F, 40 CFR 75, and the one-hour average carbon monoxide emission rate (pound per million Btu), determined in accordance with Condition 5.2.8b. Only the one-hour carbon monoxide emission rates (pound per million Btu) that have been determined to be valid hourly emission rates shall be used to calculate hourly mass emission rates.

[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

6.2.28 The Permittee shall use the valid hourly carbon monoxide mass emission rates (lb/hr) to determine and record in accordance with the requirements of Condition 6.2.27, and all hourly carbon monoxide mass emissions rates acquired in order to meet the minimum data requirement of Condition 5.2.11 to determine the monthly carbon monoxide mass emission rate, in tons per month, from each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) for each fuel type combusted. The monthly carbon monoxide mass emission rate from each turbine and duct burner combination shall be calculated as follows:

$$\text{Carbon Monoxide emissions (tons/month)} = \text{ECO} * (\text{TOT/TGD}) / 2000$$

Where, ECO equals the total carbon monoxide mass emissions (sum of the valid hours of mass emissions including all hourly mass emissions data acquired to meet the minimum data requirement) for the month, TOT equals the total operating time (hours) of the combustion turbine/duct burner combination during the month, and TGD equals the number of hours of valid emissions data including all hourly emissions data acquired to meet the minimum data requirement contained in Condition 5.2.12. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.

[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

6.2.29 The Permittee shall use the records required by Condition 6.2.28 to determine and record the twelve consecutive month total of carbon monoxide emissions (in tons) from each combustion turbine and its paired duct burner (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) for each fuel type combusted. A twelve consecutive month total shall be the total for a month in the reporting periods plus the totals for the previous eleven consecutive months. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.

[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

Verification of Compliance with the GHG Emission Limits

6.2.30 The Permittee shall use the records required by Condition 6.2.17 to determine and record the monthly total greenhouse gas emissions (expressed as CO_{2e}), in tons, from each of the following units and fuel types during all periods of operation. The Permittee shall use the applicable greenhouse gas emission factors and global warming potentials used in Application No. 19810.

[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Combustion turbines with emission unit ID Nos. CTG3 and CTG4 while firing natural gas.
- b. Combustion turbines with emission unit ID Nos. CTG3 and CTG4 while firing fuel oil.
- c. Duct burners with emission unit ID Nos. DB3 and DB4 while firing natural gas.
- d. Auxiliary boiler with emission unit ID No. AB2 while firing natural gas.
- e. Fuel gas heater with emission unit ID Nos. FP2 while firing natural gas.

These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.

6.2.31 The Permittee shall use the records required by Condition 6.2.30 to determine and record the twelve consecutive month total greenhouse gas emissions (expressed as CO_{2e}), in tons, from each of the following units and fuel type during all periods of operation. The Permittee shall use the applicable greenhouse gas emission factors and global warming potentials used in Application No. 19810.

[40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Combustion turbines with emission unit ID Nos. CTG3 and CTG4 while firing natural gas.
- b. Combustion turbines with emission unit ID Nos. CTG3 and CTG4 while firing fuel oil.
- c. Duct burners with emission unit ID Nos. DB3 and DB4 while firing natural gas.
- d. Auxiliary boiler with emission unit ID No. AB2 while firing natural gas.
- e. Fuel gas heater with emission unit ID Nos. FP2 while firing natural gas.

A twelve consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months. These records (including calculations) shall be maintained as part of the monthly record suitable for inspection or submittal.

- 6.2.32 To demonstrate compliance with Permit Condition 3.3.40, the Permittee shall maintain records documenting that the drift eliminators on the cooling tower with emission unit ID Nos. CT3 and CT4 have been designed to meet the applicable limit. Such records shall be submitted for review during the first quarterly report required by Permit Condition 6.1.4. [40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

Reporting Requirements

- 6.2.33 The Permittee shall furnish the Division written notification as follows:
[40 CFR 52.21 and 40 CFR 60.7]
- a. A notification of the actual date of initial startup of each combustion turbine (emission unit ID Nos. CTG3, CTG4), each duct burner (emission unit ID Nos. DB3 and DB4); the boiler (emission unit ID No. AB2); the fuel gas heater (emission unit ID No. FP2), the cooling towers (emission unit ID Nos. CT1 and CT2); and the fuel oil storage tank (emission unit ID No. T01) within 15 days of such date of initial startup.
 - b. Certification that a final inspection has shown that construction of each unit specified in Condition 1.3 has been completed in accordance with the application, plans, specifications and supporting documents submitted in support of this permit. The certification shall be submitted within 30 days of the date of certification.
- 6.2.34 The Permittee shall submit a report of the following information for each quarterly period ending March 31, June 30, September 30, and December 31 of each year as part of the quarterly report required by Condition 6.1.4.
[391-3-1-.02(6)(b)1, 40 CFR 52.21 and 40 CFR 70.6(a)(3)(i)]
- a. The twelve consecutive month total hours of operation of boiler (emission unit ID No. AB2), each duct burner (emission unit ID Nos. DB3 and DB4), each combustion turbine (emission unit ID No. CTG3 and CTG4) including periods of startup and shutdown while firing fuel oil for each month during the quarter, and each combustion turbine (emission unit ID Nos. CTG3 and CTG4) while firing natural gas for periods of startup and shutdown for each month during the quarter. The reports shall be prepared from the records retained in Conditions 6.2.20, 6.2.21, and 6.2.22.
 - b. The twelve consecutive month total NOx emissions (tons) from each combined combustion turbine/duct burner stack (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) while burning natural gas in the combustion turbines, for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.26.

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- c. The twelve consecutive month total CO emissions (tons) from each combined combustion turbine/duct burner stack (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) while burning natural gas in the combustion turbines, for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.29.
- d. The twelve consecutive month total NOx emissions (tons) from each combined combustion turbine/duct burner stack (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) while burning fuel oil in the combustion turbines, for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.26.
- e. The twelve consecutive month total CO emissions (tons) from each combined combustion turbine/duct burner stack (emission unit ID Nos. CTG3/DB3 and CTG4/DB4) while burning fuel oil in the combustion turbines, for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.29.
- f. The twelve consecutive month total GHG emissions (reported as CO_{2e} in tons) from each combustion turbine with emission unit ID Nos. CTG3 and CTG4 while burning natural gas for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.31.
- g. The twelve consecutive month total GHG emissions (reported as CO_{2e} in tons) from each combustion turbine with emission unit ID Nos. CTG3 and CTG4 while burning fuel oil for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.31.
- h. The twelve consecutive month total GHG emissions (reported as CO_{2e} in tons) from each duct burner with emission unit ID Nos. DB3 and DB4 for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.31.
- i. The twelve consecutive month total GHG emissions (reported as CO_{2e} in tons) from the boiler with emission unit ID No. AB2 for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.31.
- j. The twelve consecutive month total GHG emissions (reported as CO_{2e} in tons) from the fuel gas heater with emission unit ID No. FP2 for each month in the quarterly reporting period. The reports shall be prepared from the records retained in Condition 6.2.31.

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- 6.2.35 The Permittee shall verify the compliance with fuel sulfur content limitations as specified in Permit Conditions 3.3.33 and 3.3.34. The Permittee shall submit the following as part of the quarterly report required by Permit Condition 6.1.4.
[40 CFR 52.21, 391-3-1-.02(6)(b)1, 40 CFR 70.6(a)(3)(i), and PSD Avoidance for SO₂ and Sulfuric Acid Mist Emissions]
- a. For natural gas, the Permittee shall submit the fuel quality characteristics in a current, valid purchase contract, tariff sheet or transportation contract for the fuel, specifying that the maximum total sulfur content 0.5 grains of sulfur or less per 100 standard cubic feet.
 - b. For distillate fuel oil, the Permittee shall verify and document that each shipment of ultra low sulfur distillate fuel oil received for combustion in CGT3 and/or CGT4 complies by either of the following means:
 - i. Fuel oil receipts obtained from the fuel supplier certifying that the oil is distillate fuel oil and contains less than or equal to 0.0015 percent sulfur, by weight.
 - ii. Analysis of the fuel oil conducted by methods of sampling and analysis which have been specified or approved by the Division which demonstrates that the distillate fuel oil contains less than or equal to 0.0015 percent sulfur, by weight.

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PART 7.0 OTHER SPECIFIC REQUIREMENTS

MODIFIED CONDITION

7.9 Acid Rain Requirements

7.9.7 SO₂ Allowance Allocations and NO_x Requirements for each affected unit
[40 CFR 73 (SO₂) and 40 CFR 76 (NO_x)]

			2012	2013	2014	2015	2016
EMISSION UNIT ID CTG1	EPA ID T1	SO ₂ allowances, under Tables 2, 3, or 4 of 40 CFR part 73.	0	0	0	0	0
		NO _x limit	This affected unit is not subject to the NO _x requirements in 40 CFR part 76.				

			2012	2013	2014	2015	2016
EMISSION UNIT ID CTG2	EPA ID T2	SO ₂ allowances, under Tables 2, 3, or 4 of 40 CFR part 73.	0	0	0	0	0
		NO _x limit	This affected unit is not subject to the NO _x requirements in 40 CFR Part 76.				

			2012	2013	2014	2015	2016
EMISSION UNIT ID CTG3	EPA ID T3	SO ₂ allowances, under Tables 2, 3, or 4 of 40 CFR part 73.	0	0	0	0	0
		NO _x limit	This affected unit is not subject to the NO _x requirements in 40 CFR Part 76.				

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			2012	2013	2014	2015	2016
EMISSION UNIT ID CTG4	EPA ID T4	SO₂ allowances, under Tables 2, 3, or 4 of 40 CFR part 73.	0	0	0	0	0
		NO_x limit	This affected unit is not subject to the NO_x requirements in 40 CFR Part 76.				

Note: The number of allowances allocated to Phase II affected units by U.S. EPA may change as a result of revisions to 40 CFR Part 73. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance identified in this permit (See CFR 72.84).

Attachments

D. U.S. EPA Acid Rain Program Phase II Permit Application

ATTACHMENT D

U.S. EPA Acid Rain Program Phase II Application