Florida Department of Environmental Protection

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PERMITTEE

Florida Power Development, LLC
10311 Cement Plant Road
Brooksville, Florida 34601

Authorized Representative:
Mr. Brent Yatman, Plant Manager

Air Permit No. 0530380-010-AC
Expires: December 31, 2018
PSD-FL-090G
Brooksville Power Plant
Facility ID No. 0530380
Boiler Steam Production Increase

PROJECT

This is the final air construction permit, which authorizes an increase in the maximum steam production rate from the woody biomass-fueled grate suspension boiler from 490,000 to 540,000 lb/hour, increase the carbon monoxide (CO) emissions standard, and to permanently inject magnesium oxide (BCS-180 ASHVANTAGE) to reduce ash fusion on the boiler tubes and improve boiler efficiency. The Brooksville Power Plant is an electric generating utility categorized under Standard Industrial Classification No. 4911. The existing Brooksville Power Plant is located in Hernando County at 10311 Cement Plant Road in Brooksville, Florida. The UTM coordinates are Zone 17, 360.0 kilometers (km) East and 3162.5 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida

David Lyle Read, P.E.

David Lyle Read, P.E.
2017.06.21 13:04:10 -04'00'

For:
Syed Arif, P.E., Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Construction Permit package was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

Mr. Brent Yatman, Power Plant Manager, FPD: brent.yatman@fpdbrooksville.com
Ms. Maggie Estrada, IHI Power: maggie.estrada@ihipower.com
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Ms. Lynn Scearce, DEP OPC: lynn.scearce@dep.state.fl.us

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Lynn Scearce 2017.06.21 13:23:18 -04'00'

FACILITY DESCRIPTION

The Florida Power Development, LLC (FPD), Brooksville Power Plant, is an existing 80 megawatts, gross, (MWg) electric generating utility facility categorized under Standard Industrial Classification No. 4911. The Brooksville Power Plant consists of a woody biomass grate suspension boiler; biomass handling and storage; in-duct sorbent injection system (IDSIS); ash storage and handling facilities; and, fuel oil storage tanks.

The boiler fires woody biomass as the primary fuel with ultralow sulfur distillate (ULSD) fuel oil and natural gas used for startup, shutdown and bed stabilization fuels. Ammonia (NH_3) injection into a selective catalytic reduction (SCR) reactor is used to reduce emission of nitrogen oxide (NO_X) and help in the reduction of organic hazardous air pollutants (HAP) including dioxin/furan. Good combustion practices are used to reduce CO, volatile organic compounds (VOC) and organic HAP emissions. An IDSIS utilizing milled trona, hydrated lime, limestone, or sodium bicarbonate may be used to control sulfur dioxide (SO_2), hydrogen chloride (HCl), hydrogen fluoride (HF) and other acid gas HAP emissions if necessary. An electrostatic precipitator (ESP) is used to reduce emissions of particulate matter (PM), PM with a mean particle diameter of 10 microns or less (PM_{10}) and $PM_{2.5}$. The ESP also helps in the control of metal HAP and also removes injected sorbents. The boiler is equipped with a CO, SO_2, NO_X, carbon dioxide (CO_2) and oxygen (O_2) continuous emission monitoring systems (CEMS) and a continuous opacity monitoring system (COMS) for visible emissions.

The existing facility consists of the following emissions units (EU).

EU No.	Brief Description
Regulated Emissions Units	
001	Biomass Handling, Storage and Processing
002	Woody Biomass-Fueled Grate Suspension Boiler
003	Ash Handling, Storage and Shipment
004	IDSIS Sorbent Handling and Storage
Unregulated Emissions Units	
005	Diesel Fired Emergency Generator (610 brake-horse power)
006	150,000 Gallons ULSD Fuel Oil Storage Tank

PROPOSED PROJECT

FPD submitted an application for an air construction permit subject to the preconstruction review requirements of the PSD of Air Quality pursuant to Rule 62-212.400, F.A.C. FPD is requesting the following increases to the woody biomass-fired boiler:

- Increase the maximum steam production rate from 490,000 to 540,000 lb/hour; and
- Establish a higher CO emissions standard.

This application also includes a request to permanently use a boiler product, BCS-180 ASHVANTAGE (magnesium oxide product), to help reduce ash fusion on the boiler tubes to improve boiler efficiency and ultimately reduce emissions. The Department issued a Letter of Authorization (Permit No. 0530380-008-AC) to temporarily use the BCS-180 ASHVANTAGE.

This project will modify the following emissions unit (EU).

EU No.	Emission Unit Description
002	Woody Biomass-Fueled Grate Suspension Boiler

FACILITY REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.
- The facility operates units subject to the New Source Performance Standards (NSPS) of Title 40, Part 60 of the Code of Federal Regulations (40 CFR 60).
- The facility operates units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Office of Permitting and Compliance in the Division of Air Resource Management of the Department of Environmental Protection (Department). The Office of Permitting and Compliance mailing address is 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southwest District at: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926.

3. Appendices: The following Appendices are attached as a part of this permit:
   a. Appendix A (Citation Formats and Glossary of Common Terms);
   b. Appendix B (General Conditions);
   c. Appendix C (Common Conditions);
   d. Appendix D (Common Testing Requirements);
   e. Appendix E (Final BACT Determinations);
   f. Appendix F (BMP Plan),
   g. Appendix G (NESHAP Subpart A), and
   h. Appendix H (NESHAP Subpart DDDDD).

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

6. Modifications: No emissions unit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

7. Construction and Expiration. The expiration date shown on the first page of this permit provides time to complete the physical construction activities authorized by this permit, complete any necessary compliance testing, and obtain an operation permit. Notwithstanding this expiration date, all specific emissions limitations and operating requirements established by this permit shall remain in effect until the facility or emissions unit is permanently shut down. For good cause, the permittee may request that that a permit be extended. Pursuant to Rule 62-4.080(3), F.A.C., such a request shall be submitted to the Permitting Authority in writing before the permit expires. [Rules 62-4.070(3) & (4), 62-4.080 & 62-210.300(1), F.A.C.]

8. Source Obligation:
   a. Authorization to construct shall expire if construction is not commenced within 18 months after receipt of the permit, if construction is discontinued for a period of 18 months or more, or if construction is not completed within a reasonable time. This provision does not apply to the time period between construction of the approved phases of a phased construction project except that each phase must commence construction within 18 months of the commencement date established by the Department in the permit.

b. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

c. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

[Rule 62-212.400(12), F.A.C.]

9. Title V Permit: This permit authorizes specific modifications and/or new construction on the affected emissions units as well as initial operation to determine compliance with conditions of this permit. A Title V operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after completing the required work and commencing operation. To apply for a Title V air operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to each Compliance Authority. [Rules 62-4.030, 62-4.050 and Chapter 62-213, F.A.C.]

A. Woody Biomass-Fueled Grate Suspension Boiler (EU 002)

This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
002	Woody Biomass-Fueled Grate Suspension Boiler

The existing woody biomass fueled grate-suspension boiler with water-cooled movable grates generates up to 80 MWg of electricity in an existing steam electric generator. The primary fuel is clean woody biomass. ULSD fuel oil and natural gas will be used for startup, shutdown and bed stabilization of the grate suspension boiler. The nameplate heat input capacity of this boiler is 900 million British thermal units per hour (MMBtu/hour). The design steam production capability is approximately 490,000 lb/hour at 2,008 pounds per square inch (psi) and 1,050 degrees Fahrenheit (°F) (4-hour block average).

The following controls are used to minimize emissions: efficient combustion of woody biomass in the grate suspension boiler to minimize the formation of PM, NO_X, CO and VOC; limitation of biomass to woody biomass to minimize SO_2 and HAP formation; use of an inherently clean fuels for startup, shutdown and bed stabilization; NH_3 injection into SCR reactor may be used to destroy NO_X; an IDSIS may be used to further control SO_2 and acid gas HAP, including HCl and HF if necessary; and, an ESP with an efficiency of approximately 99.7% to further control PM and visible emissions, (i.e. opacity) and remove injected sorbents. Emissions of CO, SO_2, NO_X, and CO_2 are monitored and recorded by CEMS. Opacity is monitored and recorded by a COMS.

The stack is 12 feet in diameter and 165 feet tall. Exhaust flue gas will exit the stack at the following approximate conditions: an exit temperature of 334°F and a volumetric flow rate of 312,668 actual cubic feet per minute (acfm).

{Permitting Note: This emission unit is regulated under NSPS Subpart Db, Industrial-Commercial-Institutional Steam Generating Units, for modified units, and NESHAP Subpart DDDDD, NESHAP for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters, for existing units, adopted and incorporated by reference in Rule 62-204.800(8), F.A.C.; Rule 62-212.400, F.A.C., PSD; Rule 62-296.406, Fossil Fuel Steam Generators with Less than 250 MMBtu/hour Heat Input; 40 CFR 64, Compliance Assurance Monitoring, adopted and incorporated by reference in Rule 62-204.800, F.A.C.; Rule 62-296.410, F.A.C., Carbonaceous Fuel Burning Equipment; and, Rule 62-296.470, F.A.C., CAIR. In accordance with Rule 62-212.400(PSD), F.A.C., the above emission unit is subject to Best Available Control Technology (BACT) determinations for the following pollutants: CO, $PM/PM_{10}/PM_{2.5}$, and Green House Gases (GHG). The final BACT determinations are presented in Appendix E of this permit. Emissions standards and performance restrictions specified in this permit allow the emission unit to avoid PSD preconstruction review for the following pollutants: NO_X, SO_2 and VOC.

PREVIOUS APPLICABLE REQUIREMENTS

1. Other Permits: The conditions of this permit supplement all previously issued air construction and operation permits for this emissions unit. Unless otherwise specified, these conditions are in addition to all other applicable permit conditions and regulations. [Rule 62-4.070, F.A.C.]

EQUIPMENT

2. Woody Biomass-Fueled Grate Suspension Boiler: The permittee is authorized to increase the maximum steam production rate from the woody biomass boiler from 490,000 to 540,000 lb/hour, based on 4-hour block average. [Design, Application No. 0530380-010-AC (PSD-FL-090G)]

3. BCS-180 ASHVANTAGE: The permittee is authorized to permanently inject a boiler product, BCS-180 ASHVANTAGE (magnesium oxide product), to reduce ash fusion on the boiler tubes and improve boiler efficiency. [Design, Application No. 0530380-010-AC (PSD-FL-090G)]

4. Oxidation Catalyst: The permittee is authorized to permanently remove the oxidation catalyst. Emissions of CO shall be controlled by the use of good combustion practices and the over-fired air system. The permittee shall use work practice standards addressed in the facility Best Management Practices (BMP) Plan to operate the fuel feed system and fuel yard to reduce impacts of the moisture content of the fuel fed into the boiler. [Design, Application No. 0530380-010-AC (PSD-FL-090G)]

PERFORMANCE RESTRICTIONS

5. Permitted Capacity: The boiler shall not exceed a steam output rate of 540,000 lb/hour, based on a 4-hour block average. [Rule 62-210.200(PTE), F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

6. Restricted Operation: This emissions unit may operate continuously (8,760 hours/year). [Rule 62-210.200(PTE), F.A.C.]

7. Operating Requirements: The permittee shall use the over-fired air system and good combustion practices to minimize emissions of CO and GHG. [Rule 62-212.400(BACT), F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

EMISSION STANDARDS

8. CO Emissions: The following CO emission standards supersede the previous emission limits:

   a. As determined by CEMS, CO emissions shall not exceed 575 parts per million by volume, dry at 3% oxygen (ppmvd at 3% O_2) and 446.4 lb/hour, based on a 30-day rolling average (720 operating hours, rolled by day). These CO BACT standards shall be met at all times. *{Permitting Note: For informational purposes, the CO limit equates to 0.45 lb/MMBtu. The 720 hours should be consecutive, but not necessarily continuous if operations were intermittent.}* [Rule 62-212.400(BACT), F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

   b. As determined by CEMS, CO emissions shall not exceed 720 ppmvd at 3% O_2, based on a 30-day rolling average (720 operating hours, rolled by day) excluding periods of startup and shutdown. [Rule 62-204.800(11)(b)86, F.A.C.; and NESHAP Subpart DDDDD of 40 CFR 63 (Table 2)]

9. PM Emissions. The following PM emission standards supersede the previous emission limits:

   a. As determined by stack test, PM (filterable) emissions shall not exceed 0.037 lb/MMBtu of heat input except during startup and shutdown. Work practice standards in accordance with the NESHAP Subpart DDDDD of 40 CFR 63 shall be met during periods of startup and shutdown. The sampling volume shall be at a minimum of 2 dry standard cubic feet per minute (dscm) per run. [Rules 62-204.800(11)(b)86 and 62-212.400(BACT), F.A.C.; NESHAP Subpart DDDDD of 40 CFR 63; and Application No. 0530380-010-AC (PSD-FL-090G)]

   b. As determined by stack test, filterable PM emissions shall not exceed 0.085 lb/MMBtu except during periods of startup, shutdown, or malfunction. *{Permitting Note: For informational purposes, the PM limit is equivalent to 76.5 lb/hour and 335.07 tons/year.}* [Rule 62-204.800(8)(b)3, F.A.C.; and NSPS Subpart Db of 40 CFR 60.43b(h)(4)]

   c. As determined by stack test, emissions of PM shall not exceed 0.20 lb/MMBtu of heat input of carbonaceous fuel plus 0.10 lb/MMBtu heat input of fossil fuel. [Rule 62-296.410(b)2, F.A.C.]

10. GHG Emissions: As determined by CEMS, GHG emissions, measured as CO_2, shall not exceed 3,300 lb/MW-hour (gross), based on a 12-month rolling average, rolled monthly. [Rule 62-212.400(BACT), F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

CONTROL EQUIPMENT

11. Electrostatic Precipitator: The permittee shall operate and maintain the existing ESP to control PM emissions. The ESP shall be designed to achieve the PM emissions standards specified in Specific Condition **9**. [Rule 62-212.400(BACT), F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

12. Multi-Clone: The permittee shall operate and maintain the existing multi-tube cyclone (or multi-clone) mechanical collectors to control PM emissions. The multi-clone shall be designed to achieve the PM emissions standards specified in Specific Condition **9**. [Rule 62-212.400(BACT), F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

13. Circumvention: The permittee shall not circumvent the air pollution control equipment or allow the emissions of air pollutants without this equipment operating properly. [Rule 62-210.650, F.A.C.]

TESTING REQUIREMENTS

14. Periodic Compliance Tests: The emissions unit shall be tested to demonstrate quarterly compliance with the BACT emissions standards for PM in Specific Condition 9a. The initial tests shall be conducted within 60 days after achieving permitted capacity, but not later than 180 days after initial operation of the unit operating at the higher steam production rate. [Rules 62-4.070(3), 62-212.400(BACT) and 62-297.310(8)(b)1, F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

15. Annual Compliance Tests: After one-year of demonstrating compliance with the PM quarterly testing, the emissions unit shall be tested to demonstrate compliance with the emissions standards during each calendar year (January 1st to December 31st), for PM. [Rule 62-297.310(8)(a)1, F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

16. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(9), F.A.C.]

17. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5, 5B, 17	Method for Determining PM Emissions
6C	Method for Determining SO_2 Emissions (Instrumental)
7, 7A, 7E	Determination of NO_X Emissions from Stationary Sources
10	Determination of CO Emissions from Stationary Sources *{Note: The method shall be based on a continuous sampling train.}*
19	Determination of SO_2 Removal Efficiency and PM, SO_2, and NO_X Emission Rates (Optional F-factor method may be used to determine flow rate and gas analysis to calculate mass emissions in lieu of Methods 1 - 4.)
25A	Method for Determining Gaseous Organic Concentrations (Flame Ionization)

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-204.800, F.A.C.; and Appendix A of 40 CFR 60]

MONITORING REQUIREMENTS

18. Continuous Emission Monitoring Systems: The permittee shall calibrate, maintain and operate the existing CO CEMS and CO_2 monitor to measure and record the emissions of CO and CO_2 from the boiler stack in a manner sufficient to demonstrate continuous compliance with the CEMS-based emission standards in **Specific Conditions 8** and **10**. The permittee shall notify the Compliance Authority within one working day of discovering emissions in excess of CO and CO_2 BACT standards based on CEMS data.

    a. CO and O_2 CEMS. The CO and O_2 CEMS shall be certified pursuant to 40 CFR 60, Appendix B, Performance Specification 4 or 4A. Quality assurance procedures shall conform to the requirements of 40 CFR 60, Appendix F, and the Data Assessment Report of Section 7 (i.e. quarterly gas audits per 40 CFR 60 Appendix F) shall be made each calendar quarter, and reported semiannually to the Compliance Authority. The relative accuracy testing audits (RATA) tests required for the CO monitor shall be performed using EPA Method 10 in Appendix A of 40 CFR 60. All data shall be reduced to 1-hour averages. The CO monitor span values shall be set, considering the allowable methods of operation and corresponding emission standards.

    b. CO_2 Monitor. The CO_2 content of the flue gas shall be monitored at the location where SO_2, CO and NO_X are monitored. The CO_2 monitor shall comply with the performance and quality assurance requirements of 40 CFR 75.

    [Rules 62-4.070(3) and 62-212.400(BACT), F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

19. Best Managements Practices (BMP) Plan: The revised BMP plan shall be utilized to ensure that the fuel feed and fuel yard is managed and operated according to the work practice standards to reduce impacts of the moisture content of the fuel during environmental events such as high amounts of rainfall. The revised BMP plan is contained in Appendix F of this permit. [Rules 62-4.070, 62-212.400(BACT) and 62-296.320, F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

RECORDS AND REPORTS

20. Actual Emissions Reporting: This permit is based on an analysis that compared baseline actual emissions with projected actual emissions and avoided the requirements of subsection 62-212.400(4) through (12), F.A.C. for NO_X, SO_2 and VOC. Therefore, pursuant to Rule 62-212.300(1)(e), F.A.C., the permittee is subject to the following monitoring, reporting and recordkeeping provisions.

    a. The permittee shall monitor the emissions of any PSD pollutant that the Department identifies could increase as a result of the construction or modification and that is emitted by any emissions unit that could be affected; and, using the most reliable information available, calculate and maintain a record of the annual emissions, in tons/year on a calendar year basis, for a period of 10 years following resumption of regular operations after the change. Emissions shall be computed in accordance with the provisions in Rule 62-210.370, F.A.C., which are provided in Appendix C of this permit.

    b. The permittee shall report to the Department within 60 days after the end of each calendar year during the 10-year period setting out the unit's annual emissions during the calendar year that preceded submission of the report. The report shall contain the following:

        (1) The name, address and telephone number of the owner or operator of the major stationary source;

        (2) The annual emissions as calculated pursuant to the provisions of 62-210.370, F.A.C., which are provided in Appendix C of this permit;

        (3) If the emissions differ from the preconstruction projection, an explanation as to why there is a difference; and

        (4) Any other information that the owner or operator wishes to include in the report.

    c. The information required to be documented and maintained pursuant to subparagraphs 62-212.300(1)(e)1

and 2, F.A.C., shall be submitted to the Department, which shall make it available for review to the general public.

d. The permittee shall compute and report annual emissions in accordance with Rule 62-210.370(2), F.A.C. as provided by Appendix C of this permit. For this project, the permittee shall use the following methods in reporting the actual annual NO_X, SO_2 and VOC emissions for the Woody Biomass-Fired Boiler:

(1) The permittee shall use data collected from the CEMS to determine and report the actual annual emissions of NO_X and SO_2.

(2) Unless otherwise approved by the Department, the permittee shall use the same emissions factors for reporting the actual annual emissions of VOC as used in the application to establish baseline emissions. *{Permitting Note: Baseline emission factor for VOC was 0.00214 lb/ton of steam.}*

(3) As defined in Rule 62-210.370(2), F.A.C., the permittee shall use a more accurate methodology if it becomes available.

{Permitting Note: Baseline emissions of NO_X, SO_2 and VOC were determined to be 254.8 tons/year, 25.5 tons/year and 0.6 tons/year, respectively. The boiler could have accommodated emissions of NO_X, SO_2 and VOC were determined to be 323.7 tons/year, 32.3 tons/year and 0.8 tons/year, respectively.}

[Rules 62-212.300(1)(e) and 62-210.370, F.A.C.; and Application No. 0530380-010-AC (PSD-FL-090G)]

21. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(10), F.A.C.]