



# Florida Department of Environmental Protection

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October 20, 2008

*Electronic Mail – Received Receipt Requested.*

Mr. Gary Kowalczyk, Plant General Manager  
Florida Power and Light Company  
392 U.S. Highway 17 South  
East Palatka, Florida 32131

Re: Title V Permit Renewal  
Proposed Permit No.: 1070014-006-AV  
Renewal of Title V Air Operation Permit No.: 1070014-005-AV

Dear Mr. Kowalczyk:

One copy of the Proposed Determination for the Title V Air Operation Permit Renewal for the Putnam Power Plant located at U.S. Highway 17 South in East Palatka, Putnam County is enclosed. This letter is only a courtesy to inform you that the Draft Permit has now become a Proposed Permit. An electronic version of this determination has been posted on the Division of Air Resources Management's web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is: <http://www.dep.state.fl.us/air/eproducts/apds/default.asp>. Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the Proposed Permit is made by the USEPA within 45 days, the Proposed Permit will become a Final Permit no later than 55 days after the date on which the Proposed Permit was mailed (posted) to USEPA. If USEPA has an objection to the Proposed Permit, the Final Permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

If you have any questions, please contact the Project Engineer, Tom Cascio, by telephone at 850-921-9526 or by email at [tom.cascio@dep.state.fl.us](mailto:tom.cascio@dep.state.fl.us).

Sincerely,

Trina L. Vielhauer, Chief  
Bureau of Air Regulation

TLV/jkh/tbc

Enclosures

Copy furnished to:

Mr. Gary Kowalczyk, Florida Power and Light Company: [Gary\\_Kowalczyk@fpl.com](mailto:Gary_Kowalczyk@fpl.com)  
Ms. Sheila M. Wilkinson, Florida Power and Light Company: [Sheila\\_Wilkinson@fpl.com](mailto:Sheila_Wilkinson@fpl.com)  
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Ms. Victoria Gibson, DEP BAR: [victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us) (for reading file)

## PROPOSED DETERMINATION

### I. Public Notice.

An Intent to Issue Title V Air Operation Permit Renewal to Florida Power and Light Company, for the Putnam Power Plant, located at 392 U.S. Highway 17 South in East Palatka, Putnam County, was clerked on August 15, 2008. The Public Notice of Intent to Issue Title V Air Operation Permit Renewal was published in the Palatka Daily News on August 20, 2008. Proof of publication of the Public Notice of Intent to Issue Title V Air Operation Permit Renewal was received on August 25, 2008. The Draft Title V Air Operation Permit was available for public inspection at the permitting authority's office in Tallahassee.

The Department granted two extensions of time to file a petition for an administrative hearing on September 4, 2008, and September 16, 2008, respectively. The extension of time expired on October 15, 2008. A third extension of time request was submitted on September 30<sup>th</sup>, but it was not acted upon by the Department. Because these types of requests are assumed to be granted unless denied, FPL needed to withdraw their request in order for the Proposed permit to be issued. This withdrawal notice was received on October 20, 2008.

### II. Public Comments.

The only comments received were from the applicant in a letter dated September 19, 2008. The comments were not considered significant enough to reissue the Draft Title V Permit Revision, and require another Public Notice. Listed below is the Department's response to each of the comments in the letter.

Comments from the September 19, 2008, letter are:

	<b>Permit or Specific Condition Reference &amp; brief summary of comment</b>	<b>Department Response</b>
1	Statement of Basis: Provide a list of all changes made in the draft permit as compared to the current permit.	Because of extensive reformatting and restructuring of the current permit content, it is not feasible to provide this list.
2	Subsection C. Applicable Regulations: Remove the Table indicating Regulation and EU No(s).	The Table is an important summary of regulatory information and will be retained.
3	Specific Condition A.1.: Change the condition to require that the heat input will be demonstrated annually in accordance with the 3-hour run time of the performance test and will be provided as a part of the test submittal.	This change is acceptable to the Department.
4	Specific Condition A.6.: Add a note to cross reference Specific Condition A.12.	This change is acceptable to the Department.
5	Specific Condition A.7.: Revise the wording as follows: Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]	This change is acceptable to the Department.
6	Specific Condition A.12.: Add a note to cross reference Specific Conditions A.6. and A.13.	This change is acceptable to the Department.
7	Specific Condition A.15.: Revise wording as follows: During each federal fiscal year (October 1st to September 30th), each EU shall be tested to demonstrate compliance with the emissions standards	This change is acceptable to the Department.

**PROPOSED DETERMINATION**

	for VE <u>except as noted in Specific Conditions D.1 and D.2.</u> Annual compliance tests for these pollutants shall be performed on each unit for <u>each</u> which liquid fuel fired for 400 hours or more during the federal fiscal year. Unless specifically requested by the Compliance Authority pursuant to Rule 62-297.310(7)(b), F.A.C., periodic opacity tests are not required when firing natural gas. [Rule 62-297.310(7), F.A.C.]	
8	Specific Condition <b>B.11.</b> : Renumber the condition.	This change is acceptable to the Department.
9	Specific Condition <b>B.12.</b> : Add one needed test method and remove unnecessary test method references.	This change is acceptable to the Department.
10	Specific Condition <b>B.15.</b> : Revise the wording as follows: During each federal fiscal year (October 1st to September 30th), each EU shall be tested to demonstrate compliance with the emissions standards for VE and NO <sub>x</sub> <u>except as noted in Specific Conditions D.1 and D.2.</u> Annual compliance tests for these pollutants shall be performed on each unit for <u>each</u> liquid fuel fired for 400 hours or more during the federal fiscal year. Unless specifically requested by the Compliance Authority pursuant to Rule 62-297.310(7)(b), F.A.C., periodic opacity tests are not required when firing natural gas. [Rule 62-297.310(7), F.A.C.]	This change is acceptable to the Department.
11	Specific Condition <b>B.1.</b> : Change the condition to require that the heat input will be demonstrated annually in accordance with the 3-hour run time of the performance test and will be provided as a part of the test submittal.	This change is acceptable to the Department.
12	Section V, Appendices: Revise wording as follows: The following Appendices are supporting documents for the air operation permit and are enforceable as allowed by rule applicability.”	This change is acceptable to the Department.
13	Table 2-1.: Correct selected entries.	This change is acceptable to the Department.

**III. Other Changes.**

1. Based on additional review of the Draft Title V Permit Renewal document, the Department decided that Specific Condition **B.8.**, Excess Emissions Allowed, was inappropriate as written, and it was therefore replaced with the standard wording of Rule 62-210.700(1), F.A.C.
2. Two permitting notes were added to the Facility-Wide Conditions Section for clarification purposes at the applicant’s request.

**IV. Conclusion.**

The permitting authority hereby issues Proposed Title V Permit Renewal No. 1070014-006-AV, with the minor changes indicated above.

Florida Power and Light Company  
Putnam Power Plant  
**Facility ID No. 1070014**  
Putnam County

**Title V Air Operation Permit Renewal**

**Proposed Permit No. 1070014-006-AV**  
(Renewal of Title V Air Operation Permit No. 1070014-005-AV)

**Permitting Authority**

State of Florida  
Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
Title V Section

Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Telephone: 850/488-0144  
Fax: 850/921-9533

**Compliance Authority**

State of Florida  
Department of Environmental Protection  
Northeast District Office

7825 Baymeadows Way, Suite 200B  
Jacksonville, FL 32256-7590

Telephone: 904/807-3300  
Fax: 904/448-4363

## Title V Air Operation Permit Renewal

Proposed Permit No. 1070014-006-AV

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# PROPOSED PERMIT

**PERMITTEE:**

Florida Power and Light Company  
392 U.S. Highway 17 South  
East Palatka, Florida 32131

Permit No. 1070014-006-AV  
Putnam Power Plant  
Facility ID No. 1070014  
Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V Air Operation Permit for the above referenced facility. The existing Putnam Power Plant is located at U.S. Highway 17 South, East Palatka, in Putnam County. UTM Coordinates are: Zone 17, 443368.85 km East and 3277807.32 km North. Latitude is: 29° 37' 44" North; and, Longitude is: 81° 35' 6" West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213 and 62-214. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawings, plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Effective Date: January 1, 2009  
Renewal Application Due Date: May 20, 2013  
Expiration Date: December 31, 2013

(Draft)

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Joseph Kahn, Director  
Division of Air Resource Management

JK/tlv/jkh/tbc

**SECTION I. FACILITY INFORMATION.**

**Subsection A. Facility Description.**

The facility consists of four combustion turbines, each with an associated inlet fogger and heat recovery steam generator (HRSG) equipped with duct burners, an auxiliary boiler, and unregulated emissions units. Each combustion turbine is a Westinghouse unit rated at 70 megawatt (MW) generating capacity (at 85 degrees Fahrenheit (F) ambient temperature), with a maximum heat input for natural gas and fuel oil of 968.3 million British thermal units per hour (MMBtu/hr) and 910.6 MMBtu/hr, respectively. The duct burners for each HRSG are rated at a maximum heat input of 250 MMBtu/hr, and are fired with natural gas and number 2 fuel oil. The auxiliary boiler is manufactured by VA-Power and has a maximum heat input for natural gas and number 2 fuel oil of 16.275 MMBtu/hr and 14.28 MMBtu/hr, respectively.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

**Subsection B. Summary of Emissions Units.**

<b>EU No.</b>	<b>Brief Description</b>
<i>Regulated Emissions Units(EU)</i>	
003	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG11.
004	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG12.
005	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG21.
006	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG22.
007	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG11.
008	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG12.
009	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG21.
010	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG22.
011	Auxiliary Boiler.
<i>Unregulated Emissions Units and Activities</i>	
012	Emergency Diesel Generator, Miscellaneous Mobile Equipment and Internal Combustion Engines.
013	Painting of Plant Equipment and Non-halogenated Solvent Cleaning Operations.

**Subsection C. Applicable Regulations.**

Based on the Title V Air Operation Renewal application received June 25, 2008, this facility is a major source of hazardous air pollutants (HAP). This facility is classified as a Prevention of Significant Deterioration (PSD) major facility. A summary of applicable regulations is shown in the following table.

<b>Regulation</b>	<b>EU No(s).</b>
40 Code of Federal Regulations (CFR) 60, Subpart A, New Source Performance Standards (NSPS) General Provisions	007, 008, 009, 010, 011
40 CFR 60, Subpart Db, Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	007, 008, 009, 010
40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	011

**SECTION I. FACILITY INFORMATION.**

40 CFR 75 Acid Rain Monitoring Provisions	003, 004, 005, 006, 007, 008, 009, 010
State Rule Citations	
Rule 62-4, Florida Administrative Code (F.A.C.) (Permitting Requirements)	003, 004, 005, 006, 007, 008, 009, 010, 011
Rule 62-204, F.A.C. (Ambient Air Quality Requirements, PSD Increments, and Federal Regulations Adopted by Reference)	
Rule 62-210, F.A.C. (Permits Required, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions, and Forms)	
Rule 62-212, F.A.C. (Preconstruction Review, PSD Review and Best Available Control Technology (BACT))	
Rule 62-213, F.A.C. (Title V Air Operation Permits for Major Sources of Air Pollution)	
Rule 62-214, F.A.C. (Requirements For Sources Subject To The Federal Acid Rain Program)	003, 004, 005, 006, 007, 008, 009, 010
Rule 62-296, F.A.C. (Emission Limiting Standards)	003, 004, 005, 006, 007, 008, 009, 010, 011
Rule 62-297, F.A.C. (Test Methods and Procedures, Continuous Monitoring Specifications, and Alternate Sampling Procedures)	



## SECTION II. FACILITY-WIDE CONDITIONS.

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**The following conditions apply facility-wide to all emission units and activities:**

**FW1. Appendices.** The permittee shall comply with all documents identified in Section V, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

### **Emissions and Controls**

**FW2. Objectionable Odor Prohibited.** No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

**FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions.** The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed unnecessary and ordered by the Department. Nothing is deemed necessary and ordered at this time. [Rule 62-296.320(1)(a), F.A.C.]

**FW4. General Visible Emissions.** No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1, F.A.C.]

**FW5. Unconfined Particulate Matter.** Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a. The facility constructs temporary sandblasting enclosures when necessary, in order to perform sandblasting on fixed plant equipment.
- b. Maintenance of paved areas as needed.
- c. Regular mowing of grass and care of vegetation.
- d. Limiting access to plant property by unnecessary vehicles.
- e. Bagged chemical products are stored in weather-tight buildings until they are used.
- f. Spills of powdered chemical products are cleaned up as soon as practicable.
- g. Vehicles are restricted to slow speeds on the plant site.

[Rule 62-296.320(4)(c)2., F.A.C.; and provided by the applicant in the Title V air operation permit renewal application received on June 25, 2008.]

### **Annual Reports and Fees**

See Appendix RR, Facility-wide Reporting Requirements for additional details.

**FW6. Annual Operating Report.** The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by May 1<sup>st</sup> for 2009 and April 1<sup>st</sup> for each year thereafter. [Rule 62-210.370(3), F.A.C.]

*{Permitting Note: If the applicant chooses to use the Electronic Annual Operating Report software, instructions provided with the system should be followed.}*

**FW7. Annual Emissions Fee Form and Fee.** The annual Title V emissions fees are due by March 1<sup>st</sup> of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: <http://www.dep.state.fl.us/Air/permitting/tvfee.htm>. [Rule 62-213.205, F.A.C.]

## SECTION II. FACILITY-WIDE CONDITIONS.

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**FW8. Annual Statement of Compliance.** The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

*{Permitting Note: As specified in Specific Condition RR7 of Appendix RR, the applicant shall use DEP Form No. 62-213.900(7) to comply with this requirement.}*

**FW9. Prevention of Accidental Releases (Section 112(r) of CAA).**

- a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 1515, Lanham-Seabrook, MD 20703-1515, Telephone: 301/429-5018.
- b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

**FW10. Clean Air Interstate Rule (CAIR) Applicable Units.** This facility contains emissions units that are subject to CAIR. On July 11, 2008, the U.S. Court of Appeals for the District of Columbia recommended vacature of the Clean Air Interstate Rule. Because of this decision, the applicable CAIR requirements that were identified in the renewal application are not being included in the permit at this time. If, and at such time that, CAIR is ultimately upheld, you must begin complying with the CAIR program requirements contained in the renewal application and the Title V permit must be revised accordingly. [Rules 62-213.440 and 62-296.470, F.A.C.]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection A. Emissions Units 003, 004, 005 and 006**

**The specific conditions in this section apply to the following emissions unit(s):**

<b>EU No.</b>	<b>Brief Description</b>
003	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG11. This emissions unit consists of a Westinghouse combustion turbine, rated at 70 MW generating capacity (at 85 degrees F ambient temperature). Heat input for this unit may vary at different ambient temperatures in accordance with the curves attached in Appendix T of this permit. (As an example, maximum heat input for natural gas or fuel oil at 85 degrees F ambient temperature is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.)
004	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG12. This emissions unit consists of a Westinghouse combustion turbine, rated at 70 MW generating capacity (at 85 degrees F ambient temperature). Heat input for this unit may vary at different ambient temperatures in accordance with the curves attached in Appendix T of this permit. (As an example, maximum heat input for natural gas or fuel oil at 85 degrees F ambient temperature is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.)
005	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG21. This emissions unit consists of a Westinghouse combustion turbine, rated at 70 MW generating capacity (at 85 degrees F ambient temperature). Heat input for this unit may vary at different ambient temperatures in accordance with the curves attached in Appendix T of this permit. (As an example, maximum heat input for natural gas or fuel oil at 85 degrees F ambient temperature is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.)
006	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG22. This emissions unit consists of a Westinghouse combustion turbine, rated at 70 MW generating capacity (at 85 degrees F ambient temperature). Heat input for this unit may vary at different ambient temperatures in accordance with the curves attached in Appendix T of this permit. (As an example, maximum heat input for natural gas or fuel oil at 85 degrees F ambient temperature is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.)

**Essential Potential to Emit (PTE) Parameters**

**A.1. Permitted Capacity.** The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
003	Heat input is limited at any given	Natural Gas and Fuel Oil
004	ambient temperature in accordance with	
005	the curves attached in Appendix T of	
006	this permit.*	

\*The maximum operation heat input rate is limited for Emission Units 003, 004, 005, and 006 in accordance with a 3-hour block average that is limited at any given ambient temperature as identified on the curves attached in Appendix T of this permit for natural gas and fuel oil. The ambient temperature for heat input calculation or look up curves is equivalent to the compressor inlet temperature. The heat input will be demonstrated annually in accordance with the 3-hour run time of the performance test and will be provided as a part of the test submittal. The CEMS Data Handling and Acquisition System (DAHS) calculated heat input shall not be used for compliance purposes.

*(An estimated "real time" heat input value can be calculated for agency compliance inspectors upon request. The averaging time for the estimated heat input will be a 3-hour block that may utilize fuel flow or tank drop data to determine the fuel usage which will be multiplied by the last available heating value of the fuel. If*

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection A. Emissions Units 003, 004, 005 and 006

*sampling is needed to determine the current heat input value, the adjusted heat input value will be provided to the inspector after test results are received for the heat value of the fuel and a corrected fuel heat input is calculated.)*

Heat input is not required to be recorded other than the instances as addressed previously in this condition. [Rules 62-4.160(2), 62-204.800, and 62-210.200(PTE), F.A.C.]

**A.2. Emissions Unit Operating Rate Limitation After Testing.** See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(2), F.A.C.]

**A.3. Methods of Operation.**

- a. **Fuels.** The combustion turbines shall only be fired with No. 2 fuel oil or with natural gas.
- b. **Inlet Foggers.** The four inlet foggers installed at the compressor inlet to each of the four combined cycle combustion turbines may operate up to 40,960 degree F-hours per year in aggregate (average 10,240 degree F-hours per unit per year).

The permittee shall monitor both the hours of operation for the inlet foggers and the degrees of cooling afforded by the inlet foggers. Computation of the degree-hour will be performed as follows:

$$\text{Degree-hours} = \# \text{ hours inlet fogger operating time} \times \text{degrees F of cooling}$$

Degrees of Cooling shall be calculated by subtracting the fogged compressor inlet air temperature from the unfogged compressor inlet temperature (upstream of the fogger). The above calculation shall be performed for each hour of fogger operation. Calculation records shall be maintained on the plant site and made available for inspection upon request.

For each hour of oil operation on any combustion turbine during a calendar year, the allowable aggregate total inlet fogger operating degree-hour shall be reduced by 1.27 degree F-hours.

[Rule 62-213.410, F.A.C.; Applicant's request in Title V permit renewal application received June 25, 2008; PPSC PA 74-01, condition 1.B.(i); and Permit No. 1070014-003-AC.]

**A.4. Hours of Operation.** These emissions units may operate continuously (8760 hours/year). [Rule 62-210.200(PTE), F.A.C.]

#### **Emission Limitations and Standards**

{Permitting Note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Condition **A.5. and A.6.** are based on the specified averaging time of the applicable test method.

**A.5. Visible Emissions (VE).** Visible emissions shall not exceed 20% opacity, except for one 6-minute period per hour during which opacity shall not exceed 27%. [Rules 62-4.070(3) and 62-213.440, F.A.C.; and PPSC PA 74-01, condition 1.B.(ii)]

**A.6. Sulfur Dioxide - Sulfur Content.** The fuel oil sulfur content shall not exceed 0.7 percent, by weight. See Specific Condition **A.12.** [Rules 62-4.070(3) and 62-213.440, F.A.C.; and PPSC PA 74-01, condition 1.B.(i)]

#### **Excess Emissions**

Rule 62-210.700 (Excess Emissions), F.A.C., cannot vary any requirement of an NSPS, National Emissions Standards for Hazardous Air Pollutants (NESHAP) or Acid Rain program provision.

**A.7. Excess Emissions Allowed.** Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection A. Emissions Units 003, 004, 005 and 006**

be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]

- A.8. Excess Emissions From Startup and Shutdown.** Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized. [Rule 62-210.700(2), F.A.C.]
- A.9. Excess Emissions Prohibited.** Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

**Monitoring of Operations**

- A.10. Wind Restriction and Monitoring.** The owner or operator shall burn fuel oil containing no more than 0.50% sulfur content, by weight, when sustained winds exceed 20 miles per hour for any continuous period of three hours or longer. The owner or operator shall measure wind velocity and direction, using recognized methods and procedures, at hourly intervals in the plant vicinity, only for those hours during which any combustion turbine at the plant burns fuel oil containing more than 0.50% sulfur content, by weight. The owner or operator shall quarterly report wind data, or shall report that no fuel oil containing more than 0.50% sulfur content, by weight, was burned, no later than the thirtieth day following the end of each calendar quarter. [PPSC PA 74-01, condition 2]

**Test Methods and Procedures**

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

- A.11. Test Methods.** Required tests shall be performed in accordance with the following reference method.

<b>Method</b>	<b>Description of Method and Comments</b>
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method is described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other method may be used unless prior written approval is received from the Department. Also see Specific Condition **D.3.** [Rules 62-4.070(3) and 62-213.440, F.A.C.]

- A.12. Sulfur Dioxide - Sulfur Content.** The permittee shall demonstrate compliance with the liquid fuel sulfur limit by means of a fuel analysis provided by the vendor upon each fuel delivery. See Specific Conditions **A.6.** and **A.13.** [Rules 62-213.440 and 62-296.406(3), F.A.C.]
- A.13. Fuel Sampling and Analysis - Sulfur.** The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-94, ASTM D4294-90(95), ASTM D1552-95, ASTM D1266-91, or both ASTM D4057-88 and ASTM D129-95 (or latest editions). [Rules 62-4.070(3), 62-213.440 and 62-297.440, F.A.C.]
- A.14. Frequency of Compliance Tests.** See Specific Condition **D.1.**
- A.15. Annual Compliance Tests.** During each federal fiscal year (October 1st to September 30th), each EU shall be tested to demonstrate compliance with the emissions standards for VE except as noted in Specific Conditions **D.1** and **D.2.** Annual compliance tests for these pollutants shall be performed on each unit for which liquid fuel fired for 400 hours or more during the federal fiscal year. Unless specifically requested by the Compliance Authority pursuant to Rule 62-297.310(7)(b), F.A.C., periodic opacity tests are not required when firing natural gas. [Rule 62-297.310(7), F.A.C.]
- A.16. When VE Tests Not Required.** See Specific Condition **D.2.**

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

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**Subsection A. Emissions Units 003, 004, 005 and 006**

**A.17. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310(7), F.A.C.]

**Recordkeeping and Reporting Requirements**

**A.18. Reporting Schedule.** See Appendix RR, Facility-wide Reporting Requirements.

**A.19. Malfunctions – Notification.** See Specific Condition **D.4.**

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection B. Emissions Units 007, 008, 009, 010**

**The specific conditions in this section apply to the following emissions unit(s):**

<b>EU No.</b>	<b>Brief Description</b>
007	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG11. This emissions unit consists of duct burners for one heat recovery steam generator. Each HRSG is associated with one combustion turbine. Each HRSG's duct burners have a maximum heat input for natural gas or No. 2 fuel oil of 250 MMBtu/hr.
008	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG12. This emissions unit consists of duct burners for one heat recovery steam generator. Each HRSG is associated with one combustion turbine. Each HRSG's duct burners have a maximum heat input for natural gas or No. 2 fuel oil of 250 MMBtu/hr.
009	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG21. This emissions unit consists of duct burners for one heat recovery steam generator. Each HRSG is associated with one combustion turbine. Each HRSG's duct burners have a maximum heat input for natural gas or No. 2 fuel oil of 250 MMBtu/hr.
010	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG22. This emissions unit consists of duct burners for one heat recovery steam generator. Each HRSG is associated with one combustion turbine. Each HRSG's duct burners have a maximum heat input for natural gas or No. 2 fuel oil of 250 MMBtu/hr.

**Essential Potential to Emit (PTE) Parameters**

**B.1. Permitted Capacity.** The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
007, 008, 009 and 010	250	Natural Gas
	250	Fuel Oil

See Appendix T\*.

\*The maximum operation heat input rate is limited for Emission Units 007, 008, 009, and 010 in accordance with a 3-hour block average that is limited at any given ambient temperature as identified on the curves attached in Appendix T of this permit for natural gas and fuel oil. The ambient temperature for heat input calculation or look up curves is equivalent to the compressor inlet temperature. The heat input will be demonstrated annually in accordance with the 3-hour run time of the performance test and will be provided as a part of the test submittal. The CEMS Data Handling and Acquisition System (DAHS) calculated heat input shall not be used for compliance purposes.

*(An estimated "real time" heat input value can be calculated for agency compliance inspectors upon request. The averaging time for the estimated heat input will be a 3-hour block that may utilize fuel flow or tank drop data to determine the fuel usage which will be multiplied by the last available heating value of the fuel. If sampling is needed to determine the current heat input value, the adjusted heat input value will be provided to the inspector after test results are received for the heat value of the fuel and a corrected fuel heat input is calculated)*

Heat input is not required to be recorded other than the instances as addressed previously in this condition. [Rules 62-4.160(2), 62-204.800, and 62-210.200(PTE), F.A.C.]

**B.2. Emissions Unit Operating Rate Limitation After Testing.** See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(2), F.A.C.]

**B.3. Methods of Operation - Fuels.** The duct burners shall only be fired with No. 2 fuel oil or with natural gas. [Rule 62-213.410, F.A.C.; and PPSC PA 74-01, condition 1.C.(i)]

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection B. Emissions Units 007, 008, 009, 010

**B.4. Hours of Operation.** These emissions units may operate continuously (8760 hours/year). [Rule 62-210.200(PTE)]

#### **Emission Limitations and Standards**

{Permitting Note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **B.5.-B.7.** are based on the specified averaging time of the applicable test method.

**B.5. Sulfur Dioxide - Sulfur Content.** The fuel oil sulfur content shall not exceed 0.5 percent, by weight. [Rules 62-4.070(3) and 62-213.440, F.A.C.; PPSC PA 74-01 condition 1.C.(i); and 40 CFR 60.42b]

**B.6. Visible Emissions.** Visible emissions shall not exceed 20% opacity (6-minute average), except for one 6-minute period per hour during which opacity shall not exceed 27%. The opacity standards apply at all times, except during periods of startup, shutdown or malfunction. [Rules 62-4.070(3) and 62-213.440, F.A.C.; PPSC PA 74-01 condition 1.C.(ii)(a); and 40 CFR 60.43b and 60.46b]

**B.7. Nitrogen Oxides.** Nitrogen oxide emissions (expressed as NO<sub>2</sub>) shall not exceed 0.20 lb/MMBtu while burning natural gas and distillate oil. The nitrogen oxide standards apply at all times including periods of startup, shutdown, or malfunction. [40 CFR 60.44b; and, PPSC PA 74-01 (modification of 5/28/92)]

#### **Excess Emissions**

Rule 62-210.700 (Excess Emissions), F.A.C. cannot vary any requirement of an NSPS, NESHAP or Acid Rain program provision.

**B.8. Excess Emissions Allowed.** Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]

**B.9. Excess Emissions Prohibited.** Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

#### **Continuous Monitoring Requirements**

**B.10. Emission Monitoring For VE.** The owner or operator shall keep calibrated, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system. This system shall be operated whenever fuel oil is burned in these emissions units. [40 CFR 60.48b]

**B.11. CEMS Required by Power Plant Siting (PPSC).** The owner or operator shall maintain a continuous emission monitoring system (CEMS) for opacity and nitrogen oxides on one of the paired stacks for each combined cycle unit. [Rule 62-213.440, F.A.C.; and PPSC PA 74-01, condition 4]

{Permitting Note: The PPSC requires monitors on one stack each of combustion turbine (CT)/HRSG 1x and 2x, for a total of two stacks that must be monitored. The owner currently operates opacity monitors to satisfy the PPSC requirement to operate the CEMS for opacity. The nitrogen oxides (NO<sub>x</sub>) monitors installed and maintained pursuant to 40 CFR 75 satisfy the PPSC requirement to operate the CEMS for NO<sub>x</sub>.}

#### **Test Methods and Procedures**

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}



**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection B. Emissions Units 007, 008, 009, 010**

**B.12. Test Methods.** Required tests shall be performed in accordance with the following reference methods.

<b>Method</b>	<b>Description of Method and Comments</b>
3A	Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources
7E	Determination of Nitrogen Oxide Emissions from Stationary Sources
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and 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. Also see Specific Condition **D.3.** [40 CFR 60.46b; and PPSC PA 74-01 (modification of 5/28/92)]

**B.13. Frequency of Compliance Tests.** See Specific Condition **D.1.**

**B.14. When VE Tests Not Required.** See Specific Condition **D.2.**

**B.15. Annual Compliance Tests.** During each federal fiscal year (October 1st to September 30th), each EU shall be tested to demonstrate compliance with the emissions standards for VE and NO<sub>x</sub> except as noted in Specific Conditions **D.1** and **D.2.** Annual compliance tests for these pollutants shall be performed on each unit for liquid fuel fired for 400 hours or more during the federal fiscal year. Unless specifically requested by the Compliance Authority pursuant to Rule 62-297.310(7)(b), F.A.C., periodic opacity tests are not required when firing natural gas. [Rule 62-297.310(7), F.A.C.]

**B.16. Sulfur Dioxide - Sulfur Content.** The permittee shall demonstrate compliance with the liquid fuel sulfur limit by maintaining fuel receipts as described in 40 CFR 60.49b. [Rules 62-213.440 and 62-296.406(3), F.A.C.; and 40 CFR 60.42b]

**B.17. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310(7), F.A.C.]

**Recordkeeping and Reporting Requirements**

**B.18. Reporting and Recordkeeping Requirements.** See Section 40 CFR 60.49b in Appendix NSPS Subpart Db.

**B.19. Fuel Receipts Required.** See Sections 40 CFR 60.41b, 60.45b, 60.47b, and 60.49b in Appendix NSPS Subpart Db.

**B.20. Malfunctions – Notification.** See Specific Condition **D.4.**

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection C. Emissions Unit 011**

**The specific conditions in this section apply to the following emissions unit:**

<b>EU No.</b>	<b>Brief Description</b>
011	This emissions unit consists of an auxiliary boiler, manufactured by VA-Power, with a maximum heat input for natural gas and No. 2 fuel oil of 16.275 MMBtu/hr and 14.28 MMBtu/hr, respectively.

**Essential Potential to Emit (PTE) Parameters**

**C.1. Permitted Capacity.** The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
011	16.275	Natural Gas
	14.280	No. 2 Fuel Oil

[Rules 62-4.160(2), 62-204.800, and 62-210.200(PTE), F.A.C.]

**C.2. Emissions Unit Operating Rate Limitation After Testing.** See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(2), F.A.C.]

**C.3. Methods of Operation - Fuels.** The auxiliary boiler shall only be fired with No. 2 fuel oil or with natural gas. [Rule 62-213.410, F.A.C.]

**C.4. Hours of Operation.** This emissions unit may operate continuously (8760 hours/year). [Rule 62-210.200(PTE), F.A.C.]

**Emission Limitations and Standards**

{Permitting Note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions C.5. and C.6. are based on the specified averaging time of the applicable test method.

**C.5. Standard for Visible Emissions.** The owner or operator shall not cause to be discharged into the atmosphere from the affected emissions unit any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. See Section 40 CFR 60.43c in Appendix NSPS Subpart Dc. [40 CFR 60.43c]

**C.6. Standard for Sulfur Dioxide.** The owner or operator shall not combust fuel oil in the affected emissions unit that contains greater than 0.5 weight percent sulfur. See Section 40 CFR 60.42c in Appendix NSPS Subpart Dc. [40 CFR 60.42c]

**Excess Emissions**

Rule 62-210.700 (Excess Emissions), F.A.C., cannot vary any requirement of an NSPS, NESHAP or Acid Rain program provision.

**C.7. Excess Emissions Allowed.** Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]

**C.8. Excess Emissions Prohibited.** Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection C. Emissions Unit 011**

**Monitoring of Operations**

**C.9. Emission Monitoring for Sulfur Dioxide (SO<sub>2</sub>).** As an alternative to operating a CEMS at the outlet of the steam generating unit, the owner or operator shall determine the average SO<sub>2</sub> emission rate by sampling the fuel prior to combustion. See Section 40 CFR 60.46c in Appendix NSPS Subpart Dc. [40 CFR 46c]

**Test Methods and Procedures**

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**C.10. Test Methods.** Required tests shall be performed in accordance with the following reference method.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method is described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other method may be used unless prior written approval is received from the Department. Also see Specific Condition D.3. [Rules 62-4.070(3) and 62-213.440, F.A.C.]

**C.11. Frequency of Compliance Tests - Annual Tests Required - VE.** Except as provided in Specific Conditions D.1 and D.2, emission testing for visible emissions shall be performed annually, no later than September 30th of each year, except for units that are not operating because of scheduled maintenance outages and emergency repairs, which will be tested within thirty days of returning to service. [Rules 62-4.070(3) and 62-213.440, F.A.C.]

**C.12. When VE Tests Not Required.** See Specific Condition D.2.

**C.13. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310(7), F.A.C.]

**Reporting and Recordkeeping Requirements**

**C.14. Reporting and Recordkeeping Requirements.** For any period in which fuel oil is combusted, the owner or operator shall submit quarterly reports to the Department. See Section 40 CFR 60.48c in Appendix NSPS Subpart Dc. [40 CFR 60.48c]

**C.15. Fuel Supplier Certification and Fuel Records.** The owner or operator shall maintain records of fuel supplier certification. See Section 40 CFR 60.48c in Appendix NSPS Subpart Dc. [40 CFR 60.48c]

**C.16. Malfunctions - Notification.** See Specific Condition D.4.

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection D. Common Conditions

The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
003, 004, 005, 006	Combustion turbines for combined cycle heat recovery steam generators, HRSG11 through HRSG22.
007, 008, 009, 010	Duct burners for combined cycle heat recovery steam generators, HRSG11 through HRSG22.
011	Auxiliary boiler manufactured by VA-Power.

#### Test Methods and Procedures

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**D.1.** Frequency of Compliance Tests. See Specific Condition **TR.7** in Appendix TR.

**D.2.** When VE Tests Not Required. By this permit, annual emissions compliance testing for visible emissions is not required for these emissions units while burning:

- only gaseous fuel(s); or
- gaseous fuel(s) in combination with any amount of liquid fuel(s) for less than 400 hours per year; or
- only liquid fuel(s) for less than 400 hours per year.

[Rule 62-4.070(3), F.A.C.]

**D.3.** Test Method DEP Method 9. See Specific Conditions **A.11** and **B.12**. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

- EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
- EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:
  - For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
  - For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value. [Rule 62-297.401, F.A.C.]

#### Reporting and Recordkeeping Requirements

**D.4.** Malfunctions - Notification. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the DEP Northeast District's Air Section in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the DEP Northeast District's Air Section. [Rule 62-210.700(6), F.A.C.]

**SECTION IV. ACID RAIN PART.**

**Subsection A. Phase II**

Operated by: Florida Power and Light Company  
 ORIS Code: 6246

The emissions units listed below are regulated under Acid Rain, Phase II.

<b>E.U. ID No.</b>	<b>Brief Description</b>
003 and 007	Combined Cycle Heat Recovery Steam Generator, HRSG11
004 and 008	Combined Cycle Heat Recovery Steam Generator, HRSG12
005 and 009	Combined Cycle Heat Recovery Steam Generator, HRSG21
006 and 010	Combined Cycle Heat Recovery Steam Generator, HRSG22

**A.1.** The Phase II Acid Rain Part application submitted for this facility, as approved by the Department, is a part of this permit. The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the application listed below:  
 a. DEP Form No. 62-210.900(1)(a), dated 06/10/08, received 06/25/08.  
 [Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

**A.2.** Sulfur dioxide (SO<sub>2</sub>) allowance allocations and nitrogen oxide (NO<sub>x</sub>) requirements for each Acid Rain unit are as follows:

E.U. ID No.	EPA ID	Year	2009	2010	2011	2012	2013
003 and 007	HRSG11	SO <sub>2</sub> allowances, under Table 2 of 40 CFR Part 73	1643*	1647*	1647*	1647*	1647*
004 and 008	HRSG12	SO <sub>2</sub> allowances, under Table 2 of 40 CFR Part 73	1643*	1647*	1647*	1647*	1647*
005 and 009	HRSG21	SO <sub>2</sub> allowances, under Table 2 of 40 CFR Part 73	1568*	1570*	1570*	1570*	1570*
006 and 010	HRSG22	SO <sub>2</sub> allowances, under Table 2 of 40 CFR Part 73	1568*	1570*	1570*	1570*	1570*

\* The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2 of 40 CFR 73.

**A.3.** Emission Allowances. Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.  
 a. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.  
 b. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.  
 c. Allowances shall be accounted for under the Federal Acid Rain Program.  
 [Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]

**A.4.** Comments, notes, and justifications: None.

**SECTION IV. ACID RAIN PART.**

**Subsection A. Phase II**

## Acid Rain Part Application

For more information see instructions and refer to 40 CFR 72.30 72.31 and 74; and Chapter 62-214, F.A.C.

This submission is:  New     Revised     Renewal

**STEP 1**

Identify the source by plant name, state, and ORIS or plant code.

Plant name Putnam	State Florida	6245 ORIS/Plant Code
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**STEP 2**

Enter the unit ID# for every Acid Rain unit at the Acid Rain source in column "a."

If unit a SO<sub>2</sub> Opt-in unit, enter "yes" in column "b".

For new units or SO<sub>2</sub> Opt-in units, enter the requested information in columns "d" and "e."

a	b	c	d	e
Unit ID#	SO <sub>2</sub> Opt-in Unit? (Yes or No)	Unit will hold allowances in accordance with 40 CFR 72.9(c)(1)	New or SO <sub>2</sub> Opt-in Units Commence Operation Date	New or SO <sub>2</sub> Opt-in Units Monitor Certification Deadline
HRSG11	NO	Yes	N/A	N/A
HRSG12	NO	Yes	N/A	N/A
HRSG21	NO	Yes	N/A	N/A
HRSG22	NO	Yes	N/A	N/A
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		
		Yes		

## SECTION IV. ACID RAIN PART.

### Subsection A. Phase II

Plant Name (from STEP 1): Putnam

#### STEP 3

Read the  
standard  
requirements.

#### Acid Rain Part Requirements.

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
  - (i) Submit a complete Acid Rain Part application (including a compliance plan) under 40 CFR Part 72 and Rules 62-214.320 and 330 F.A.C., in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
  - (ii) Submit in a timely manner any supplemental information that the DEP determines is necessary in order to review an Acid Rain Part application and issue or deny an Acid Rain Part.
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
  - (i) Operate the unit in compliance with a complete Acid Rain Part application or a superseding Acid Rain Part issued by the DEP; and
  - (ii) Have an Acid Rain Part.

#### Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.
- (4) For applications including a SO<sub>2</sub> Opt-in unit, a monitoring plan for each SO<sub>2</sub> Opt-in unit must be submitted with this application pursuant to 40 CFR 74.14(a). For renewal applications for SO<sub>2</sub> Opt-in units include an updated monitoring plan if applicable under 40 CFR 75.33(b).

#### Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
  - (i) Hold allowances as of the allowance transfer deadline in the unit's compliance subaccount (after deductions under 40 CFR 73.34(d)), or in the compliance subaccount of another Acid Rain unit at the same source to the extent provided in 40 CFR 73.35(b)(3) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
  - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
  - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
  - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR Part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain Part application, the Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

#### Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan as required under 40 CFR Part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
  - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty as required by 40 CFR Part 77; and
  - (ii) Comply with the terms of an approved offset plan as required by 40 CFR Part 77.

#### Recordkeeping and Reporting Requirements

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause at any time prior to the end of 5 years, in writing by the EPA or the DEP:
  - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
  - (ii) All emissions monitoring information, in accordance with 40 CFR Part 75 provided that to the extent that 40 CFR Part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply;
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and

**SECTION IV. ACID RAIN PART.**

**Subsection A. Phase II**

Plant Name (from STEP 1) Putnam

**STEP 3,  
Continued.**

**Recordkeeping and Reporting Requirements. (cont)**

- (iv) Copies of all documents used to complete an Acid Rain Part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program
- (2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program including those under 40 CFR Part 72 Subpart J and 40 CFR Part 76

**Liability.**

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain Part application, an Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 118(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.
- (6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO<sub>x</sub> averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78 by an Acid Rain source or Acid Rain unit or by an owner or operator or designated representative of such source or unit shall be a separate violation of the Act.

**Effect on Other Authorities.**

No provision of the Acid Rain Program, an Acid Rain Part application, an Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a unit can hold; provided that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudency review requirements under such state law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or
- (5) Interfering with or impeding any program for competitive bidding for power supply in a state in which such program is established

**STEP 4  
For SO<sub>2</sub> Opt-in  
units only.**

In column "f" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" of STEP 2.

For column "g" describe the combustion unit and attach information and diagrams on the combustion unit's configuration.

In column "h" enter the hours.

f	g	h (not required for renewal application)
Unit ID#	Description of the combustion unit	Number of hours unit operated in the six months preceding initial application



**SECTION IV. ACID RAIN PART.**

**Subsection A. Phase II**

Plant Name (from STEP 1) Putnam

**STEP 5**

For SO<sub>2</sub> Opt-in units only. (Not required for SO<sub>2</sub> Opt-in renewal applications.)

In column "i" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" (and in column "f").

For columns "j" through "n," enter the information required under 40 CFR 74.20-74.25 and attach all supporting documentation required by 40 CFR 74.20-74.25.

i	j	k	l	m	n
Unit ID#	Baseline or Alternative Baseline under 40 CFR 74.20 (mmBtu)	Actual SO <sub>2</sub> Emissions Rate under 40 CFR 74.22 (lbs/mmBtu)	Allowable 1985 SO <sub>2</sub> Emissions Rate under 40 CFR 74.23 (lbs/mmBtu)	Current Allowable SO <sub>2</sub> Emissions Rate under 40 CFR 74.24 (lbs/mmBtu)	Current Promulgated SO <sub>2</sub> Emissions Rate under 40 CFR 74.25 (lbs/mmBtu)

**STEP 6**

For SO<sub>2</sub> Opt-in units only.

Attach additional requirements, certify and sign.

- A. If the combustion source seeks to qualify for a transfer of allowances from the replacement of thermal energy a thermal energy plan as provided in 40 CFR 74.47 for combustion sources must be attached
- B. A statement whether the combustion unit was previously an affected unit under 40 CFR 74
- C. A statement that the combustion unit is not an affected unit under 40 CFR 72.6 and does not have an exemption under 40 CFR 72.7, 72.8, or 72.14
- D. Attach a complete compliance plan for SO<sub>2</sub> under 40 CFR 72.40
- E. The designated representative of the combustion unit shall submit a monitoring plan in accordance with 40 CFR 74.51. For renewal application, submit an updated monitoring plan if applicable under 40 CFR 75.53(b).
- F. The following statement must be signed by the designated representative or alternate designated representative of the combustion source: "I certify that the data submitted under 40 CFR Part 74, Subpart C reflects actual operations of the combustion source and has not been adjusted in any way."

Signature  Date 6/10/08

**STEP 7**

Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.


**Certification (for designated representative or alternate designated representative only)**

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information, or omitting required statements and information including the possibility of fine or imprisonment.

Name: Sheila M. Wilkinson Title: PG&E Technical Services General Manager

Owner Company Name: Florida Power & Light

Phone: 561-591-2287 E-mail address: Sheila.M.Wilkinson@fpl.com

Signature  Date 6/10/08

DEP Form No. 62-210 900(1)(a) - Form Effective: 3/18/08

**SECTION V. APPENDICES.**

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**The Following Appendices Are Supporting Documents for the Air Operating Permit and are Enforceable as Allowed by Rule Applicability:**

- Appendix A, Glossary.
- Appendix ASP, ASP Number 97-B-01 (With Scrivener's Order Dated July 9, 1997).
- Appendix H, Permit History.
- Appendix I, List of Insignificant Emissions Units and/or Activities.
- Appendix NSPS, Subpart A – General Provisions.
- Appendix NSPS, Subpart Db.
- Appendix NSPS, Subpart Dc.
- Appendix RR, Facility-wide Reporting Requirements.
- Appendix T, Heat Input versus Ambient Temperature Curves.
- Appendix TR, Facility-wide Testing Requirements.
- Appendix TV, Title V General Conditions.
- Appendix U, List of Unregulated Emissions Units and/or Activities.

**REFERENCED ATTACHMENTS.**

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**The Following Attachments Are Included for Applicant Convenience:**

Figure 1, Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance (40 CFR 60, July, 1996).

Table 1-1, Summary of Air Pollutant Emission Standards.

Table 2-1, Summary of Compliance Requirements.

**Table 1-1, Summary of Air Pollutant Emission Standards**

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Emissions Unit	Brief Description
003	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG11. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.
004	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG12. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.
005	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG21. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.
006	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG22. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.

Pollutant	Fuel(s)	Hours per Year	Allowable Emissions			Equivalent Emissions <sup>1</sup>		Regulatory Citations	See Permit Condition(s)
			Standard(s)	lbs/hr	TPY	lbs/hr	TPY		
SO <sub>2</sub>	Oil	8760	0.7 % sulfur (S), by wt.			699	3060	PPSC PA 74-01 condition 1.B.(i)	A.6.
VE	Oil or Natural Gas	8760	20% opacity, except ≤ 27% for one 6-minute period per hour					PPSC PA 74-01 condition 1.B.(ii)	A.5.
SO <sub>2</sub>	Oil	8760	0.50% sulfur, by weight, when sustained winds exceed 20 miles per hour for any continuous period of three hours or longer			see above	see above	PPSC PA 74-01, condition 2	A.10.

**Table 1-1, Summary of Air Pollutant Emission Standards Continued**

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Emissions Unit	Brief Description
007	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG11. The maximum heat input is 250 MMBtu/hr.
008	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG12. The maximum heat input is 250 MMBtu/hr.
009	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG21. The maximum heat input is 250 MMBtu/hr.
010	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG22. The maximum heat input is 250 MMBtu/hr.

Pollutant	Fuel(s)	Hours per Year	Allowable Emissions			Equivalent Emissions		Regulatory Citations	See Permit Condition(s)
			Standard(s)	lbs/hr	TPY	lbs/hr	TPY		
SO <sub>2</sub>	Oil	8760	0.5 % S, by wt.			126	550	PPSC PA 74-01 condition 1.C.(i), and 40 CFR 60.42b	B.5.
VE	Oil or Natural Gas	8760	20% opacity, except ≤ 27% for one 6-minute period per hour					PPSC PA 74-01 condition 1.C.(ii)(a), and 40 CFR 60.43b and 60.46b	B.6.
NO <sub>x</sub>	Oil or Natural Gas	8760	0.20 lb/MMBtu			50	219	40 CFR 60.44b, PPSC PA 74-01 (modification of 5/28/92)	B.7.

**Table 1-1, Summary of Air Pollutant Emission Standards Continued**

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Emissions Unit	Brief Description
011	Auxiliary boiler with a maximum heat input for natural gas and No. 2 fuel oil of 16.275 MMBtu/hr and 14.28 MMBtu/hr, respectively.

Pollutant	Fuel(s)	Hours per Year	Allowable Emissions			Equivalent Emissions <sup>1</sup>		Regulatory Citations	See Permit Condition(s)
			Standard(s)	lbs/hr	TPY	lbs/hr	TPY		
SO <sub>2</sub>	Oil	8760	0.5 % S, by wt.			126	550	40 CFR 60.42c	C.6.

Notes:

<sup>1</sup> The "Equivalent Emissions" listed are for informational purposes only.

**Table 2-1, Summary of Compliance Requirements**

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Emissions Unit	Brief Description
003	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG11. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.
004	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG12. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.
005	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG21. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.
006	Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG22. The maximum heat input at 85 degrees F ambient temperature for natural gas and fuel oil is 968.3 MMBtu/hr and 910.6 MMBtu/hr, respectively.

Pollutant or Parameter	Fuel(s)	Compliance Method	Testing Frequency	Frequency Base Date <sup>1</sup>	Minimum Compliance Test Duration	CMS <sup>2</sup>	See Permit Condition(s)
SO <sub>2</sub>	Oil	Fuel analysis, the fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-94, ASTM D4294-90(95), ASTM D1552-95, ASTM D1266-91, or both ASTM D4057-88 and ASTM D129-95 (or latest edition)	Upon each fuel delivery	Upon each fuel delivery		No	A.12. & A.13.
VE	Oil	DEP Method 9	Annual <sup>3</sup>	September 30	One hour	No	A.11., A.15. <sup>3</sup>
SO <sub>2</sub>	Oil	Measure wind velocity and direction, at hourly intervals in the plant vicinity, only for those hours during which any combustion turbine at the plant burns fuel oil containing more than 0.50% S, by wt.	As required			No	A.10.

**Table 2-1, Summary of Compliance Requirements Continued**

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Emissions Unit	Brief Description
007	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG11. The maximum heat input is 250 MMBtu/hr.
008	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG12. The maximum heat input is 250 MMBtu/hr..
009	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG21. The maximum heat input is 250 MMBtu/hr.
010	Duct Burners for Combined Cycle Heat Recovery Steam Generator, HRSG22. The maximum heat input is 250 MMBtu/hr.

Pollutant or Parameter	Fuel(s)	Compliance Method	Testing Frequency	Frequency Base Date <sup>1</sup>	Minimum Compliance Test Duration	CMS <sup>2</sup>	See Permit Condition(s)
SO <sub>2</sub>	Oil	Maintain fuel receipts as described in 40 CFR 60.49b.	Fuel supplier certification			No	<b>B.18.</b>
VE	Oil	EPA Method 9	Annual <sup>3</sup>	September 30	One hour	Yes, when burning fuel oil	<b>B.11., B.14.<sup>3</sup></b>
NO <sub>x</sub>	Oil	EPA Methods 7E and 3A, of 40 CFR 60, Appendix A	Annual <sup>3</sup>	September 30	3 hours	No	<b>B.11., B.14.<sup>3</sup></b>



**Table 2-1, Summary of Compliance Requirements Continued**

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Emissions Unit	Brief Description
011	Auxiliary boiler with a maximum heat input for natural gas and No. 2 fuel oil of 16.275 MMBtu/hr and 14.28 MMBtu/hr, respectively.

Pollutant or Parameter	Fuel(s)	Compliance Method	Testing Frequency	Frequency Base Date <sup>1</sup>	Minimum Compliance Test Duration	CMS <sup>2</sup>	See Permit Condition(s)
SO <sub>2</sub>	Oil	Certification from the fuel supplier, as described under 40 CFR 60.48c.	Fuel supplier certification			No	C.14.

Notes:

<sup>1</sup> Frequency base date established for planning purposes only: see Rule 62-297.310, F.A.C.

<sup>2</sup> CMS = continuous monitoring system.

<sup>3</sup> Testing is required when > 400 hours of liquid fuel is burned annually.

**Friday, Barbara**

---

**To:** Gary\_Kowalczyk@fpl.com  
**Cc:** sheila\_m\_wilkinson@fpl.com; 'KKosky@Golder.com'; Forney.Kathleen@epamail.epa.gov; Kirts, Christopher; Gibson, Victoria; Cascio, Tom  
**Subject:** FP&L - PUTNAM POWER PLANT; 1070014-006-AV  
**Attachments:** 1070014-005ProposedCoverLetter.pdf

Click on the link to the documents displayed below and send a "reply" message verifying receipt of the document (s) provided in this email; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". We must receive verification that you are able to access the documents. Your reply will preclude subsequent e-mail transmissions to verify receipt of the documents).

Click on the following link to access the permit project documents:

[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/1070014.006.AV.P\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1070014.006.AV.P_pdf.zip)

This is the official notification of the Proposed Permit Renewal and its associated documents for the following project:

Attention: Tom Cascio

Owner/Company Name: FLORIDA POWER and LIGHT (PPN)  
Facility Name: PUTNAM POWER PLANT  
Project Number: 1070014-006-AV  
Permit Status: PROPOSED  
Permit Activity: PERMIT RENEWAL  
Facility County: PUTNAM

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> .

Permit project documents are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

(850)921-9524

10/21/2008

## Friday, Barbara

---

**From:** Exchange Administrator  
**Sent:** Tuesday, October 21, 2008 10:12 AM  
**To:** Friday, Barbara  
**Subject:** Delivery Status Notification (Relay)

**Attachments:** ATT146646.txt; FP&L - PUTNAM POWER PLANT; 1070014-006-AV



ATT146646.txt  
(375 B)

FP&L - PUTNAM  
OWER PLANT; 107.

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

Gary\_Kowalczyk@fpl.com  
sheila\_m\_wilkinson@fpl.com

## Friday, Barbara

---

**From:** Kowalczyk, Gary [Gary.Kowalczyk@fpl.com]  
**To:** Friday, Barbara  
**Sent:** Tuesday, October 21, 2008 10:28 AM  
**Subject:** Read: FP&L - PUTNAM POWER PLANT; 1070014-006-AV

Your message

**To:** Gary.Kowalczyk@fpl.com  
**Subject:**

was read on 10/21/2008 10:28 AM.

## Friday, Barbara

---

**From:** Wilkinson, Sheila M [Sheila.M.Wilkinson@fpl.com]  
**To:** Friday, Barbara  
**Sent:** Tuesday, October 21, 2008 1:03 PM  
**Subject:** Read: FP&L - PUTNAM POWER PLANT; 1070014-006-AV

Your message

To: Sheila.M.Wilkinson@fpl.com  
Subject:

was read on 10/21/2008 1:03 PM.

## Friday, Barbara

---

**From:** Mail Delivery System [MAILER-DAEMON@sophos.golder.com]  
**Sent:** Tuesday, October 21, 2008 10:13 AM  
**To:** Friday, Barbara  
**Subject:** Successful Mail Delivery Report

**Attachments:** Delivery report; Message Headers



Delivery report.txt (471 B)      Message Headers.txt (2 KB)

This is the mail system at host sophos.golder.com.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<KKosky@Golder.com>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 48FDE358\_10003\_155\_2 0F0B612216B3

## Friday, Barbara

---

**From:** Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]  
**Sent:** Tuesday, October 21, 2008 10:13 AM  
**To:** Friday, Barbara  
**Subject:** Successful Mail Delivery Report

**Attachments:** Delivery report; Message Headers



Delivery report.txt  
(498 B)



Message  
Headers.txt (2 KB)

This is the mail system at host mseive01.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<Forney.Kathleen@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250  
OK, sent 48FDE358\_7408\_4119\_7 B60A1444C6

## Friday, Barbara

---

**From:** System Administrator  
**To:** Kirts, Christopher; Gibson, Victoria; Cascio, Tom  
**Sent:** Tuesday, October 21, 2008 10:12 AM  
**Subject:** Delivered:FP&L - PUTNAM POWER PLANT; 1070014-006-AV

### Your message

**To:** 'Gary\_Kowalczyk@fpl.com'  
**Cc:** 'sheila\_m\_wilkinson@fpl.com'; 'KKosky@Golder.com'; 'Forney.Kathleen@epamail.epa.gov'; Kirts, Christopher; Gibson, Victoria; Cascio, Tom  
**Subject:** FP&L - PUTNAM POWER PLANT; 1070014-006-AV  
**Sent:** 10/21/2008 10:12 AM

was delivered to the following recipient(s):

Kirts, Christopher on 10/21/2008 10:12 AM  
Gibson, Victoria on 10/21/2008 10:12 AM  
Cascio, Tom on 10/21/2008 10:12 AM



## Friday, Barbara

---

**From:** Kirts, Christopher  
**To:** Friday, Barbara  
**Sent:** Tuesday, October 21, 2008 10:25 AM  
**Subject:** Read: FP&L - PUTNAM POWER PLANT; 1070014-006-AV

### Your message

**To:** 'Gary\_Kowalczyk@fpl.com'  
**Cc:** 'sheila\_m\_wilkinson@fpl.com'; 'KKosky@Golder.com'; 'Forney.Kathleen@epamail.epa.gov'; Kirts, Christopher; Gibson, Victoria; Cascio, Tom  
**Subject:** FP&L - PUTNAM POWER PLANT; 1070014-006-AV  
**Sent:** 10/21/2008 10:12 AM

was read on 10/21/2008 10:25 AM.

## Friday, Barbara

---

**From:** Gibson, Victoria  
**To:** Friday, Barbara  
**Sent:** Tuesday, October 21, 2008 10:13 AM  
**Subject:** Read: FP&L - PUTNAM POWER PLANT; 1070014-006-AV

### Your message

**To:** 'Gary\_Kowalczyk@fpl.com'  
**Cc:** 'sheila\_m\_wilkinson@fpl.com'; 'KKosky@Golder.com'; 'Forney.Kathleen@epamail.epa.gov'; Kirts, Christopher; Gibson, Victoria; Cascio, Tom  
**Subject:** FP&L - PUTNAM POWER PLANT; 1070014-006-AV  
**Sent:** 10/21/2008 10:12 AM

was read on 10/21/2008 10:13 AM.

## Friday, Barbara

---

**From:** Cascio, Tom  
**To:** Friday, Barbara  
**Sent:** Tuesday, October 21, 2008 12:28 PM  
**Subject:** Read: FP&L - PUTNAM POWER PLANT; 1070014-006-AV

### Your message

**To:** 'Gary\_Kowalczyk@fpl.com'  
**Cc:** 'sheila\_m\_wilkinson@fpl.com'; 'KKosky@Golder.com'; 'Forney.Kathleen@epamail.epa.gov'; Kirts, Christopher; Gibson, Victoria; Cascio, Tom  
**Subject:** FP&L - PUTNAM POWER PLANT; 1070014-006-AV  
**Sent:** 10/21/2008 10:12 AM

was read on 10/21/2008 12:28 PM.

## Friday, Barbara

---

**From:** Barlow, Cynthia [Cynthia.Barlow@fpl.com]  
**Sent:** Tuesday, October 21, 2008 6:03 PM  
**To:** Friday, Barbara  
**Cc:** Kiernan, Christian; Archer, Mary; Kowalczyk, Gary; Harper, Dwayne; Wilkinson, Sheila M  
**Subject:** RE: FP&L - PUTNAM POWER PLANT; 1070014-006-AV

I acknowledge receipt of the documents attached to the link below. I have been added back to the Putnam Plant as the primary RO for the site. Dwayne Harper is now the primary RO for the Lauderdale plant site.

Regards,

Cynthia Barlow

PPN General Manager

office: 386-329-4606

cell: 904-449-0173

**From:** Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]  
**Sent:** Tuesday, October 21, 2008 10:12 AM  
**To:** Kowalczyk, Gary  
**Cc:** Wilkinson, Sheila M; KKosky@Golder.com; Forney.Kathleen@epamail.epa.gov; Kirts, Christopher; Gibson, Victoria; Cascio, Tom  
**Subject:** FP&L - PUTNAM POWER PLANT; 1070014-006-AV

Click on the link to the documents displayed below and send a "reply" message verifying receipt of the document(s) provided in this email; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". We must receive verification that you are able to access the documents. Your reply will preclude subsequent e-mail transmissions to verify receipt of the documents).

Click on the following link to access the permit project documents:  
[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/1070014.006.AV.P\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1070014.006.AV.P_pdf.zip)

This is the official notification of the Proposed Permit Renewal and its associated documents for the following project:

Attention: Tom Cascio

Owner/Company Name: FLORIDA POWER and LIGHT (PPN) Facility Name: PUTNAM POWER PLANT  
Project Number: 1070014-006-AV Permit Status: PROPOSED Permit Activity: PERMIT RENEWAL  
Facility County: PUTNAM

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Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

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