

Florida Department of
Environmental Protection

Memorandum

TO: Trina L. Vielhauer
THRU: A. A. Linero, P.E. *aal*
FROM: Scott M. Sheplak, P.E. *sms*
DATE: November 27, 2007
SUBJECT: Florida Power & Light Company
Cutler Plant

FINAL Permit Package
Title V Air Operation Permit Renewal
FINAL Permit No.: 0250001-003-AV

Attached for approval and signature is a permit to renew the Title V air operation permit. The permit renewal is for the operation of the Cutler Plant.

The STATEMENT OF BASIS contains a brief overview of the changes made in this permit compared to the most recently posted Title V permit on the web site. This permit was processed using a parallel review.

We recommend your approval and signature.

Attachments

AAL/sms



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit Renewal by:

Mr. H. O. Nunez
General Manager
Florida Power & Light Company
9700 SW 344th Street
Homestead, FL 33035

Title V Permit Renewal No. 0250001-003-AV
Cutler Plant
Miami-Dade County

Enclosed is FINAL Title V Permit Renewal Number 0250001-003-AV for the operation of the Cutler Plant located at 14925 SW 67 Avenue, Miami, Miami-Dade County, issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order (permit) 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 (thirty) days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

Trina L. Vielhauer, Chief
Bureau of Air Regulation

TLV/AAL/sms

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by e-mail with return receipt requested before the close of business on 11/29/01 to the persons listed:

Mr. H. O. Nunez, FP&L: ed_nunez@fpl.com

Mr. R. Bryan Fennell, FP&L: r_b_fennell@fpl.com

Mr. John C. Hampp, FP&L: john_hampp@fpl.com

Mr. Kennard F. Kosky, P.E., Golder Associates, Inc.: KKosky@golder.com

Ms. Barbara Friday, DEP BAR: Barbara.Friday@dep.state.fl.us (for posting with U.S. EPA, Region 4)

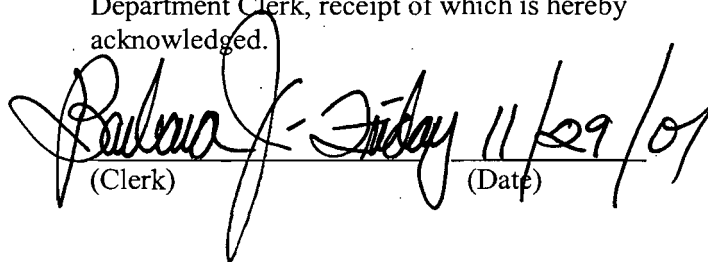
Mr. H. Patrick Wong, Miami-Dade County DERM: wongp@miamidade.gov

Ms. Katy R. Forney, U.S. EPA, Region 4: Forney.Kathleen@epamail.epa.gov

Clerk Stamp

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


(Clerk) 11/29/01 (Date)

FINAL PERMIT DETERMINATION

I. Public Notice.

A "Written Notice of Intent to Issue Title V Air Operation Permit" to Florida Power & Light Company for the Cutler Plant located at 14925 SW 67 Avenue, Miami, Miami-Dade County, was clerked and posted on the Department's web site on September 24, 2007. This permit was processed using a parallel review. The DRAFT/PROPOSED Permit was available for public inspection at the Miami-Dade County Local Air Program Office in Miami and the permitting authority's office in Tallahassee. The "Public Notice of Intent to Issue Title V Air Operation Permit" was published in the Miami Herald on October 5. Proof of publication of the "Public Notice of Intent to Issue Title V Air Operation Permit" was received on October 15.

II. Public Comment(s).

No comments were received from the public concerning the DRAFT/PROPOSED Title V Permit Renewal.

III. U.S. EPA Review.

On September 24, the Department informed U.S. EPA Region 4 that this permit was being processed using a parallel review. U.S. EPA was notified of the publication date of the Public Notice on October 15. The U.S. EPA review period ended on November 19 (Day 45). No comments were received from U.S. EPA Region 4 on the DRAFT/PROPOSED Title V Permit Renewal.

IV. Conclusion.

The permitting authority hereby issues the FINAL Title V Permit Renewal.

STATEMENT OF BASIS

Florida Power and Light Company
Cutler Plant
Facility ID No.: 0250001
Miami-Dade County

Title V Air Operation Permit Renewal
FINAL Permit No.: 0250001-003-AV

The 1st renewal Title V Air Operation Permit, No. 0250001-002-AV, was effective on January 1, 2003. This Title V Air Operation Permit Renewal 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 perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The subject of this permit is for the renewal of Title V Air Operation Permit No. 0250001-002-AV.

This facility consists of two natural gas and fuel oil fired conventional steam electric generating stations, designated as Units #5 and #6 by the Florida Power & Light Company. Both emissions units consist of a boiler/steam generator that drives a single reheat turbine generator, and are equipped with a 150-foot exhaust stack.

Unit #5 is comprised of a Combustion Engineering outdoor-type boiler/steam generator and a Westinghouse outdoor reheat condensing steam turbine that drives a hydrogen-cooled generator with nameplate rating of 75 megawatts. The emission unit is fired on No. 2 or No. 6 fuel oil with a maximum heat input of 170 mmBtu per hour, or natural gas with a maximum heat input of 940 mmBtu per hour. It commenced commercial operation in November 1954.

Unit #6 is comprised of a Combustion Engineering outdoor-type boiler/steam generator and a General Electric tandem compound single reheat turbine generator with generator nameplate rating of 160 megawatts. The emission unit is fired on No. 2 or No. 6 fuel oil with a maximum heat input of 290 mmBtu per hour, or natural gas with a maximum heat input of 1620 mmBtu per hour. It commenced commercial operation in July 1955.

Fuel additives such as, but not limited to, magnesium hydroxide are used to enhance combustion and facilitate furnace cleaning, in a manner consistent with Best Operational Practices.

The emissions units are regulated under Phase II of the Federal Acid Rain Program (the facility holds ORIS code **0610**), and Rule 62-296.405, F.A.C., Fossil Fuel Steam Generators with More than 250 million Btu per Hour Heat Input.

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

Based on the Title V permit renewal application received July 2, 2007, this facility *is not* a major source of hazardous air pollutants (HAP).

Overview of Changes Made in this Permit, Permit No.: 0250001-003-AV

Below is a brief overview of the changes made in this Title V permit.

I. Department Initiated Permitting Format Changes

Miscellaneous permitting format changes were made in this permit.

II. Applicant Requested Changes

The applicant requested no changes to the current permit, Permit No. 0250001-002-AV, in the renewal application.

III. NESHAP Requirements, also referred to as MACTs, from 40 CFR 63

This facility has emissions units that were potentially subject to newly promulgated MACTs under 40 CFR 63 specifically, the RICE MACT Subpart ZZZZ for engines and the MACT Subpart DDDDD for industrial boilers & process heaters. Both MACTs *do not apply* to emissions units at the facility since the facility *is not* a major source of HAPs. In addition, the boilers qualify as units not covered by the MACT DDDDD pursuant to 40 CFR 63.7491(c); each boiler is an electric utility steam generating unit with an electrical generating capacity of more than 25 MW.

IV. Compliance Assurance Monitoring (CAM) Requirements

The only control devices at the facility are multiple cyclones (i.e., two tubular dust collectors) on each of the two boilers. Because these emissions units operate primarily on natural gas (i.e., fuel oil is allowed only during startup), the provisions of Compliance Assurance Monitoring (CAM), contained in 40 CFR 64 *do not apply*. The units have not fired fuel oil since the effective date of the initial Title V Permit (January 1, 1998).

Florida Power & Light Company
Cutler Plant
Facility ID No.: 0250001
Miami-Dade County

Title V Air Operation Permit Renewal

FINAL Permit No.: 0250001-003-AV

Permitting Authority:

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

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

Telephone: 850/488-0114
Fax: 850/921-9533

Compliance Authority:

Miami-Dade County
Department of Environmental Resources Management
Air Quality Management Division
701 NW 1st Court
Suite 400
Miami, Florida 33136

Telephone: 305/372-6925
Fax: 305/372-6954

Title V Air Operation Permit Renewal
FINAL Permit No.: 0250001-003-AV

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Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Permittee:

Florida Power & Light Company
P.O. Box 140000
Juno Beach, Florida 33408

FINAL Permit No.: 0250001-003-AV

Facility ID No.: 0250001

SIC Nos.: 49, 4911

Project: Title V Air Operation Permit Renewal

Site Name: Cutler Plant

The purpose of this permit is to renew Title V Air Operation Permit No. 0250001-002-AV, previously effective January 1, 2003, for the operation of the Cutler Plant. This facility is located at 14925 SW 67 Avenue, Miami, Miami-Dade County; UTM Coordinates: Zone 17, 570.4 km East and 2834.9 km North; Latitude: 25° 37' 52" North and Longitude: 80° 17' 56" West.

This Title V air operation permit renewal 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 perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix I-1, List of Insignificant Emissions Units and/or Activities

Appendix U-1, List of Unregulated Emissions Units and/or Activities

APPENDIX TV-6, TITLE V CONDITIONS, version dated 06/23/06

APPENDIX SS-1, STACK SAMPLING FACILITIES version dated 10/07/96

Appendix AR-1, Acid Rain: Phase II Acid Rain Part Application received July 2, 2007

Alternate Sampling Procedure: ASP No. 97-B-01

Effective Date: January 1, 2008

Renewal Application Due Date: July 4, 2012

Expiration Date: December 31, 2012

Joseph Kahn, Director
Division of Air Resource Management

JK/tlv/aal/sms

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two natural gas and fuel oil fired conventional steam electric generating stations, designated as Units #5 and #6 by the Florida Power & Light Company. Unit #5 is comprised of a Combustion Engineering outdoor-type boiler/steam generator and a Westinghouse outdoor reheat condensing steam turbine that drives a hydrogen-cooled generator with a nameplate rating of 75 megawatts. Unit #6 is comprised of a Combustion Engineering outdoor-type boiler/steam generator and a General Electric tandem compound single reheat turbine generator with a generator nameplate rating of 160 megawatts.

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

Based on the Title V permit renewal application received July 2, 2007, this facility is *not* a major source of hazardous air pollutants (HAP).

Subsection B. Summary of Emissions Unit ID Nos. and Brief Descriptions.

E.U. ID No.	Brief Description
-003	Fossil Fuel Fired Steam Generator #5
-004	Fossil Fuel Fired Steam Generator #6

Unregulated Emissions Units and/or Activities

-005	Painting and Solvent Cleaning
-006	Mobile Equipment and Engines
-007	Emergency Diesel Generator

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s) on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit, however, are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History/ID Number Changes

Statement of Basis

These documents are on file with the permitting authority:

Application for a Title V Air Operation Permit Renewal received July 2, 2007, electronically via Electronic Permit Submittal and Processing System (EPSAP).

Florida Power & Light Company
Cutler Plant

FINAL Permit No.: 0250001-003-AV
Facility ID No.: 0250001

Hardcopy P.E. Signature Document received on August 27, 2007.

DRAFT/PROPOSED Title V Air Operation Permit Renewal clerked on September 24, 2007.

Public Notice published on October 5, 2007.

Notification to U.S. EPA Region 4 of Publication of Public Notice dated October 15, 2007.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-6, TITLE V CONDITIONS, is a part of this permit.
{Permitting note: APPENDIX TV-6, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rule 62-296.320(4)(b)1., & 4., F.A.C.]
4. 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, Maryland 20703-1515
Telephone: 301/429-5018
- and,
- 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]
5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), F.A.C.]
6. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]
7. <intentionally left blank>
8. General Pollutant Emission Limiting Standards. 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 (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

Nothing was deemed necessary and ordered at this time.

[Rule 62-296.320(1)(a), F.A.C.; and, renewal Title V permit application received July 2, 2007]

9. Emissions of Unconfined Particulate Matter. Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (see Condition 57. of APPENDIX TV-6, TITLE V CONDITIONS):

The following requirements are “not federally enforceable”:

- a. In order to perform sandblasting on fixed plant equipment, sandblasting enclosures shall be constructed and operated as necessary;
- b. Maintenance of paved areas shall be performed as needed;
- c. Mowing of grass and care of vegetation shall be done on a regular basis;
- d. Access to plant property by unnecessary vehicles shall be controlled and limited;
- e. Bagged chemical products shall be stored in weather tight buildings until they are used. Spills of powdered chemical products shall be cleaned up as soon as practical; and,
- f. Vehicles shall be restricted to slow speeds on the plant site.

[Rule 62-296.320(4)(c)2., F.A.C.; and, proposed by the applicant in the renewal Title V permit application received July 2, 2007.]

10. Timely Recording, Monitoring and Reporting. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

11. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.

[Rules 62-213.440(3) and 62-213.900, F.A.C.]

{Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of APPENDIX TV-6, TITLE V CONDITIONS).}

12. Compliance Authority. The permittee shall submit all compliance related notifications and reports required of this permit to the Miami-Dade County Department of Environmental Resources Management (DERM) office:

Miami-Dade County
Department of Environmental Resources Management
Air Quality Management Division
701 NW 1st Court
Suite 400
Miami, Florida 33136
Telephone: 305/372-6925
Fax: 305/372-6954

13. EPA Contact Information. Any reports, data, notifications, certifications, and requests required for the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155
Fax: 404/562-9163

14. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.

[Rule 62-213.420(4), F.A.C.]

Section III. Emissions Units and Conditions.

Subsection A. This section addresses the following emissions units.

E.U. ID No.	Brief Description
-003	Fossil Fuel Fired Steam Generator #5
-004	Fossil Fuel Fired Steam Generator #6

Fossil Fuel Fired Steam Generator #5 is a nominal 75 megawatt (electric) steam generator designated as Cutler Unit #5. The emission unit is fired on No. 2 or No. 6 fuel oil with a maximum heat input of 170 mmBtu per hour, or natural gas with a maximum heat input of 940 mmBtu per hour. It commenced commercial operation in November 1954.

Fossil Fuel Fired Steam Generator #6 is a nominal 160 megawatt (electric) steam generator designated as Cutler Unit #6. The emission unit is fired on No. 2 or No. 6 fuel oil with a maximum heat input of 290 mmBtu per hour, or natural gas with a maximum heat input of 1620 mmBtu per hour. It commenced commercial operation in July 1955.

Fuel additives such as, but not limited to, magnesium hydroxide are used to enhance combustion and facilitate furnace cleaning, in a manner consistent with Best Operational Practices.

Both emissions units consist of a boiler/steam generator that drives a single reheat turbine generator, and are equipped with a 150 foot exhaust stack. The control devices consist of multiple cyclones (i.e., tubular mechanical dust collectors).

The units also have continuous emissions monitoring systems (CEMs) installed for NO_x (TECO 42C).

{Permitting note: the emissions units are regulated under Acid Rain, Phase II, and Rule 62-296.405, F.A.C., Fossil Fuel Steam Generators with More than 250 million Btu per Hour Heat Input.}

The following specific conditions apply:

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum operation heat input rates are as follows:

Unit No.	mmBtu/hr Heat Input	Fuel Type
5	940	Natural Gas
	170	No. 2 or No. 6 Fuel Oil
6	1620	Natural Gas
	290	No. 2 or No. 6 Fuel Oil

[Rules 62-4.160(2), 62-210.200 (PTE), and 62-296.405, F.A.C.; AO13-173751; AO13-173753]

{Permitting note: The heat input limitations have been placed in each permit to identify the capacity of each unit for the purposes of confirming that emissions testing is conducted within 90 to 100 percent of the unit's rated capacity (or to limit future operation to 110 percent of the test load), to establish appropriate emission limits and to aid in determining future rule applicability.

Regular record keeping is not required for heat input. Instead the owner or operator is expected to determine heat input whenever emission testing is required, to demonstrate at what percentage of the rated capacity that the unit was tested. Rule 62-297.310(5), F.A.C., included in the permit, requires measurement of the process variables for emission tests. Such heat input determination may be based on measurements of fuel consumption by various methods including but not limited to fuel flow metering or tank drop measurements, using the heat value of the fuel determined by the fuel vendor or the owner or operator, to calculate average hourly heat input during the test.}

A.2. Emissions Unit Operating Rate Limitation After Testing. See Specific Condition **A.27.** [Rule 62-297.310(2), F.A.C.]

A.3. Methods of Operation. Fuels.

a. Startup: The only fuels allowed to be burned are natural gas, No. 2 fuel oil, or No. 6 fuel oil, both with a 0.5% maximum sulfur content by weight.

b. Normal: The only fuel allowed to be burned is natural gas.

[Rule 62-213.410, F.A.C.; AO13-173751, Specific Condition No. 1; AO13-173753, Specific Condition No. 1]

A.4. Emergency Operation.

No. 2 fuel oil or No. 6 fuel oil may be burned during emergency conditions, as authorized by Metropolitan Miami-Dade County.

[AO13-173751; AO13-173753]

A.5. Hours of Operation. The emissions units may operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200 (PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: 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.}

{Permitting note: Unless otherwise specified, the averaging times for Specific Conditions **A.6.** through **A.12.** are based on the specified averaging time of the applicable test method.}

A.6. Visible Emissions. Visible emissions shall not exceed 20 percent opacity, except for one two-minute period per hour during which opacity shall not exceed 40 percent. Emissions units governed by this visible emissions limit shall compliance test for particulate matter emissions annually and as otherwise required by Chapter 62-297, F.A.C.

[Rule 62-296.405(1)(a), F.A.C.]

A.7. Visible Emissions - Soot Blowing and Load Change. Visible emissions shall not exceed 60 percent opacity during the 3-hours in any 24 hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.

[Rule 62-210.700(3), F.A.C.]

A.8. Particulate Matter. Particulate matter emissions shall not exceed 0.1 pound per million Btu heat input, as measured by applicable compliance methods.

[Rule 62-296.405(1)(b), F.A.C.]

A.9. Particulate Matter - Soot Blowing and Load Change. Particulate matter emissions shall not exceed an average of 0.3 pound per million Btu heat input during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

[Rule 62-210.700(3), F.A.C.]

A.10. Not federally enforceable. Sulfur Dioxide. Sulfur dioxide emissions when burning liquid fuel shall not exceed 0.55 lb/mmBtu heat input, and 93.5 pounds per hour for Unit #5, and 159.5 pounds per hour for Unit #6, as measured by applicable compliance methods.

[AO13-173751 and AO13-17353, based on Metropolitan Miami-Dade County Code Sec. 24-17(2)(c)(iii).]

A.11. Sulfur Dioxide.

a. When burning liquid fuel, sulfur dioxide emissions shall not exceed 1.1 pounds per million Btu heat input, as measured by applicable compliance methods.

b. The No. 2 or No. 6 fuel oil sulfur content shall not exceed 0.5 percent, by weight. See Specific Condition **A.25**.

[Rules 62-296.405(1)(c)1.i. and 62-296.405(1)(e)3., F.A.C.; AO13-173751 and AO13-173753]

A.12. Nitrogen Oxides. Nitrogen oxides emissions shall not exceed 0.20 pounds per million Btu heat input, and 188 pounds per hour for Unit #5 and 324 pounds per hour for Unit #6, as measured by applicable compliance methods.

[Rule 62-296.570(4)(b)4., F.A.C.; AO13-173751 and AO13-173753]

Excess Emissions

A.13. 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.]

A.14. 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.15. 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.]

A.16. A written quarterly report shall be submitted to the Department's Southeast District Office and the Miami-Dade County Department of Environmental Resources Management of all

opacity exceedances of emissions limitations. The report shall state the cause, period of non-compliance, and steps taken for corrective action and/or prevention of recurrence. The Department shall also be notified when there are no exceedances for a quarter. All recorded data shall be maintained on file by the permittee for no less than two (2) years and made available to the Department upon request.

[AO13-173751 and AO13-173753, Specific Condition No. 5]

Monitoring of Operations

A.17. Sulfur Dioxide. The permittee elected to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor upon each fuel delivery. This protocol is allowed because the emissions unit does not have an operating flue gas desulfurization device. See Specific Conditions **A.11.**, **A.24.**, and **A.25.**
[Rule 62-296.405(1)(f)1.b., F.A.C.]

A.18. Determination of Process Variables.

(a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

A.19. A continuous monitoring system for NO_x shall be calibrated, maintained, operated, and output recorded for determining compliance with the emissions limits.

[AO13-173751 and AO13-173753]

Test Methods and Procedures

{Permitting note: 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.20. Visible Emissions. The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. A transmissometer may be used and calibrated according to Rule 62-297.520, F.A.C. See Specific Condition **A.21.**

[Rule 62-296.405(1)(e)1., F.A.C.]

A.21. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. 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.

2. 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:

- a. 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.
- b. 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.]

A.22. Particulate Matter. Testing of particulate matter emissions shall be conducted if unit operation on oil, exclusive of start-up, exceeds 400 hours per year.
[Rule 62-297.310(7), F.A.C.; AO13-173751, AO13-173753, Specific Condition No. 2.]

A.23. Particulate Matter. The test methods for particulate emissions shall be EPA Methods 17, 5, 5B, or 5F, incorporated by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 30 dry standard cubic feet. EPA Method 5 may be used with filter temperature no more than 320 degrees Fahrenheit. For EPA Method 17, stack temperature shall be less than 375 degrees Fahrenheit. The owner or operator may use EPA Method 5 to demonstrate compliance. EPA Method 3 (Orsat analysis) or 3A shall be used when the oxygen based F-factor is computed according to EPA Method 19 is used in lieu of heat input. Acetone wash shall be used with EPA Method 5 or 17.
[Rules 62-213.440, 62-296.405(1)(e)2., and 62-297.401, F.A.C.]

A.24. Sulfur Dioxide. The test methods for sulfur dioxide emissions shall be EPA Methods 6, 6A, 6B, or 6C, incorporated by reference in Chapter 62-297, F.A.C. Fuel sampling and analysis may be used as an alternate sampling procedure if such a procedure is incorporated into the operation permit for the emissions unit. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedences of the sulfur dioxide emissions limiting standard are occurring. Results of an approved fuel sampling and analysis program shall have the same effect as EPA Method 6 test results for purposes of demonstrating compliance or noncompliance with sulfur dioxide standards. **The permittee may use the EPA test methods, referenced above, to demonstrate compliance; however, as an alternate sampling procedure authorized by permit, the permittee elected to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor upon each fuel delivery.** See Specific Conditions A.11. and A.25.

[Rules 62-213.440, 62-296.405(1)(e)3. and 62-297.401, F.A.C.; and, AO13-173751 and AO13-173753]

A.25. The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition.

[Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.440, F.A.C.]

A.26. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

A.27. Operating Rate During Testing. Testing of emissions shall be conducted with each emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

A.28. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the separate test runs unless otherwise specified in a particular test method or applicable rule.

[Rule 62-297.310(3), F.A.C.]

A.29. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter

and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.
- (b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.
- (c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.
- (d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.

TABLE 297.310-1
CALIBRATION SCHEDULE

ITEM	MINIMUM CALIBRATION FREQUENCY	REFERENCE INSTRUMENT	TOLERANCE
Liquid in glass thermometer	Annually	ASTM Hg in glass ref. thermometer or equivalent, or thermometric points	+/-2%
Bimetallic thermometer	Quarterly	Calib. liq. in glass thermometer	5 degrees F
Thermocouple	Annually	ASTM Hg in glass ref. thermometer, NBS calibrated reference and potentiometer	5 degrees F
Barometer	Monthly	Hg barometer or NOAA station	+/-1% scale
Pitot Tube	When required or when damaged	By construction or measurements in wind tunnel D greater than 16" and standard pitot tube	See EPA Method 2, Fig. 2-2 & 2-3
Probe Nozzles	Before each test or when nicked, dented, or corroded	Micrometer	+/-0.001" mean of at least three readings Max. deviation between readings .004"

Dry Gas Meter and Orifice Meter	1. Full Scale: When received, When 5% change observed, Annually	Spirometer or calibrated wet test or dry gas test meter	2%
	2. One Point: Semiannually		
	3. Check after each test series	Comparison check	5%

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube. [Rule 62-297.310(4), F.A.C.]

A.30. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit. [Rule 62-297.310(6), F.A.C.]

A.31. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid fuel for more than 400 hours other than during startup.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid fuel for a total of no more than 400 hours.

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;
- b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
- c. Each NESHAP pollutant, if there is an applicable emission standard.

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid fuel, other than during startup, for a total of more than 400 hours.

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

(b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
[Rule 62-297.310(7), F.A.C.; and, SIP approved]

A.32. By this permit, annual emissions compliance testing for visible emissions is not required for these emissions units while burning:

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

[Rule 62-297.310(7)(a)4., F.A.C.]

A.33. Annual and permit renewal compliance testing for particulate matter emissions is not required for these emissions units while burning:

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

[Rules 62-297.310(7)(a)3. & 5., F.A.C.; and, ASP Number 97-B-01.]

Recordkeeping and Reporting Requirements

A.34. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Miami-Dade County Department of Environmental Resources Management (DERM) 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 DERM.

[Rule 62-210.700(6), F.A.C.]

A.35. The permittee shall submit to DERM a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the permittee for a period of five years.

[Rules 62-213.440 and 62-296.405(1)(g), F.A.C.]

A.36. Test Reports.

- (a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with DERM on the results of each such test.
- (b) The required test report shall be filed with DERM as soon as practical but no later than 45 days after the last sampling run of each test is completed.
- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow DERM to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:
 1. The type, location, and designation of the emissions unit tested.
 2. The facility at which the emissions unit is located.
 3. The owner or operator of the emissions unit.
 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
 7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
 8. The date, starting time and duration of each sampling run.
 9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
 10. The number of points sampled and configuration and location of the sampling plane.
 11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
 12. The type, manufacturer and configuration of the sampling equipment used.
 13. Data related to the required calibration of the test equipment.
 14. Data on the identification, processing and weights of all filters used.
 15. Data on the types and amounts of any chemical solutions used.
 16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
 17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
 18. All measured and calculated data required to be determined by each applicable test procedure for each run.

19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
 20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
 21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for DERM, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.
- [Rules 62-213.440 and 62-297.310(8), F.A.C.]

Section IV. This section is the Acid Rain Part.

Operated by: Florida Power & Light Company
ORIS code: 000610

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions units listed below are regulated under Phase II of the Federal Acid Rain Program.

E.U. ID No.	Description
-003	Fossil Fuel Fired Steam Generator #5
-004	Fossil Fuel Fired Steam Generator #6

A.1. The Phase II permit 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), version dated 06/16/03, signed by the Designated Representative on 06/27/07, and received by the Department on 07/02/07.

[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations for each Acid Rain unit are as follows:

E.U. ID No.	EPA ID	Year	2008	2009	2010	2011	2012
-003	PCU5	SO ₂ allowances under Table 2 of 40 CFR 73	0*	0*	4*	4*	4*
-004	PCU6	SO ₂ allowances under Table 2 of 40 CFR 73	0*	0*	9*	9*	9*

*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.

1. 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.
2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
3. Allowances shall be accounted for under the Federal Acid Rain Program.

[Rule 62-213.440(1)(c), F.A.C.]

A.4. Where an applicable requirement of the Act is more stringent than applicable regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator.

[40 CFR 70.6(a)(1)(ii); and, Rule 62-210.200, F.A.C., Definitions – Applicable Requirements.]

A.5. Fast-Track Revisions of Acid Rain Parts. Those Acid Rain sources making a change described at Rule 62- 214.370(4), F.A.C., may request such change as provided in Rule 62-213.413, F.A.C., Fast-Track Revisions of Acid Rain Parts.

[Rules 62-213.413 and 62-214.370(4), F.A.C.]

A.6. Comments, notes, and justifications:

- a. The designated representative (DR) was changed by letter dated 10/14/05, with a revised Certificate of Authorization.

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, or that meet the criteria specified in Rule 62-210.300(3)(b)1., F.A.C., Generic Emissions Unit Exemption, are exempt from the permitting requirements of Chapters 62-210, 62-212 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities:

1	Natural Gas Metering Area Relief Valves
2	Hydrazine Mixing Tank
3	Lube Oil Vapor Extraction Vents
4	Lube Oil Dump Tank Vent
5	Oil Separation Basin
6	Hazardous Waste Building
7	Paint/Lube Building
8	Miscellaneous mobile vehicle operation
9	<intentionally left blank>
10	<intentionally left blank>
11	Evaporation of Boiler Chemical Cleaning Waste

Appendix U-1, List of Unregulated Emissions Units and/or Activities.

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘exempt emissions units’.

Emissions Unit	Description
-005	Painting and Solvent Cleaning
-006	Mobile Equipment and Engines
-007	Emergency Diesel Generator

Appendix AR-1, Acid Rain.

Florida Power & Light Company
Cutler Plant

FINAL Permit No.: 0250001-003-AV

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

E.U. ID No.	Description
-003	Fossil Fuel Fired Steam Generator #5
-004	Fossil Fuel Fired Steam Generator #6

The Designated Representative of these acid rain units applied for a Phase II permit by submitting to the Department a completed "Revised (Renewal) Acid Rain Part Application" form (DEP Form No. 62-210.900(1)(a) - Form, Effective: 06/16/03) signed by the Designated Representative on 06/27/07.

The submitted form was scanned and is attached in this appendix.

Acid Rain Part Application

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

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code

Plant Name: Cutler Plant	State: Florida	ORIS Code: 000610
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STEP 2
Enter the unit ID# for every Acid Rain unit at the Acid Rain source in column "a." For new units, enter the requested information in columns "c" and "d."

a Unit ID#	b Unit will hold allowances in accordance with 40 CFR 72.9(c)(1)	c New Units Commence Operation Date	d New Units Monitor Certification Deadline
PCU 5	Yes	N/A	N/A
PCU 6	Yes	N/A	N/A
	Yes		
	Yes		
	Yes		
	Yes		
	Yes		
	Yes		
	Yes		
	Yes		
	Yes		
	Yes		

Cutler Plant
Plant Name (from Step 1)

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 Department 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 Department; 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

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(c)), 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 Department:
 - (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

Cutler Plant
 Plant Name (from Step 1)

STEP 3.
 Cont'd.

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 I and 40 CFR part 75

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 113(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_x 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, 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:

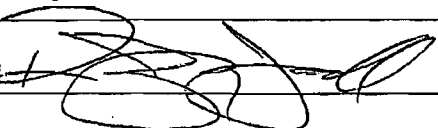
- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of 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 prudence 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 impairing any program for competitive bidding for power supply in a State in which such program is established

STEP 4

Certification

Read the certification statement, sign, and date

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: R. Bryan Fennell	
Signature: 	Date: 6-27-07

Acid Rain Program

Instructions for

Acid Rain Part Application

(40 CFR 72.30 - 72.31 and Rule 62-214.320, F.A.C.)

The Acid Rain Program requires the designated representative to submit an Acid Rain part application for each source with an Acid Rain unit. A complete Certificate of Representation must be received by EPA before the part application is submitted to the title V permitting authority. A complete Acid Rain part application, once submitted, is binding on the owners and operators of the Acid Rain source and is enforceable in the absence of an Acid Rain part until the title V permitting authority either issues an Acid Rain part to the source or disapproves the application.

Please type or print. The alternate designated representative may sign in lieu of the designated representative. If assistance is needed, contact the title V permitting authority.

STEP 1 Use the plant name and ORIS Code listed on the Certificate of Representation for the plant. An ORIS code is a 4 digit number assigned by the Energy Information Agency (EIA) at the U.S. Department of Energy to power plants owned by utilities. If the plant is not owned by a utility but has a 5 digit facility code (also assigned by EIA), use the facility code. If no code has been assigned or if there is uncertainty regarding what the code number is, contact EIA at (202) 287-1730 (for ORIS codes), or (202) 287-1927 (for facility codes).

STEP 2 For column "a," identify each Acid Rain unit at the Acid Rain source by providing the appropriate unit identification numbers, consistent with the unit identification numbers entered on the Certificate of Representation and with unit identification numbers used in reporting to DOE and/or EIA. For new units without identification numbers, owners and operators may assign such numbers consistent with EIA and DOE requirements.

For columns "c" and "d," enter the commence operation date(s) and monitor certification deadline(s) for new units in accordance with 40 CFR 72.2 and 75.4, respectively.

Submission Deadlines

For new units, an initial Acid Rain part application must be submitted to the title V permitting authority 24 months before the date the unit commences operation. Acid rain part renewal applications must be submitted at least 6 months in advance of the expiration of the acid rain portion of a title V permit, or such longer time as provided for under the title V permitting authority's operating permits regulation.

Submission Instructions

Submit this form to the appropriate title V permitting authority. If you have questions regarding this form, contact your local, State, or EPA Regional acid rain contact, or call EPA's Acid Rain Hotline at (202) 564-9620.

Table 1-1, Summary of Air Pollutant Standards and Terms.

Florida Power & Light Company
Cutler Plant

FINAL Permit No.: 0250001-003-AV
Facility ID No.: 0250001

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

E.U. ID Nos.		Brief Description				Allowable Emissions		Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
-003		Fossil Fuel Fired Steam Generator #5				lbs./hour	TPY	lbs./hour	TPY		
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)		
Visible Emissions											
Steady State	gas	8760	20% Opacity					Rule 62-296.405(1)(a), F.A.C.	A.6.		
Soot Blowing or Load Changing	gas		60% Opacity					Rule 62-210.700(3), F.A.C.	A.7.		
Particulate Matter											
Steady State	gas	8760	0.1 lb/MMBtu			94.0	120.66	Rule 62-296.405(1)(b), F.A.C.	A.8.		
Soot Blowing or Load Changing	gas		0.3 lb/MMBtu			282.0		Rule 62-210.700(3), F.A.C.	A.9.		
Sulfur Dioxide											
	oil	startup	1.1 lb/MMBtu			167		Rules 62-213.440 and 62-296.405(1)(c)1.i., F.A.C.	A.11.		
	oil	startup	0.55 lb/MMBtu***	93.5					A.10.		
Nitrogen Oxides	gas	8760	0.2 lb/MMBtu	188			823.44	Rule 62-296.570(4)(b)4., F.A.C.	A.12.		

E.U. ID Nos.		Brief Description				Allowable Emissions		Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
-004		Fossil Fuel Fired Steam Generator #6				lbs./hour	TPY	lbs./hour	TPY		
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)		
Visible Emissions											
Steady State	gas	8760	20% Opacity					Rule 62-296.405(1)(a), F.A.C.	A.6		
Soot Blowing or Load Changing	gas		60% Opacity					Rule 62-210.700(3), F.A.C.	A.7		
Particulate Matter											
Steady State	gas	8760	0.1 lb/MMBtu			152.0	208.29	Rule 62-296.405(1)(b), F.A.C.	A.8		
Soot Blowing or Load Changing	gas		0.3 lb/MMBtu			466.0		Rule 62-210.700(3), F.A.C.	A.9		
Sulfur Dioxide											
	oil	startup	1.1 lb/MMBtu			319.0		Rules 62-213.440 and 62-296.405(1)(c)1.i., F.A.C.	A.11		
	oil	startup	0.55 lb/MMBtu***	159.5					A.10		
Nitrogen Oxides	gas	8760	0.2 lb/MMBtu	324			1,419.12	Rule 62-296.570(4)(b)4., F.A.C.	A.12		

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

** Values computed using the ratio of 3/21 for soot blowing/steady state per 24 hour day.

***Limit based on Metropolitan Miami-Dade County Code.

Table 2-1, Summary of Compliance Requirements.

Florida Power and Light Company
Cutler Plant

FINAL Permit No.: 0250001-003-AV
Facility ID No.: 0250001

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

E.U. ID No.		Brief Description					
-003		Fossil Fuel Fired Steam Generator #5					
-004		Fossil Fuel Fired Steam Generator #6					
Pollutant Name or Parameter	Fuels	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Steady State	gas	DEP Method 9	Annual	1-Oct	1 hour		A.20., A.21.
Soot Blowing or Load Changing	gas	DEP Method 9	Annual	1-Oct	1 hour		A.20., A.21.
Particulate Matter							
Steady State	gas	EPA Method 5 or 17	Annual	1-Oct	3 hour		A.22., A.23.
Soot Blowing or Load Changing	gas	EPA Method 5 or 17 ***	Annual	1-Oct			A.22., A.23.
Sulfur Dioxide	oil	Sulfur limit with vendor fuel analysis	Daily				A.11.,A.17., A.24., A.25.
Nitrogen Oxides	gas	CMS	Continuous			Yes	A.19.
Notes: *Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C. **CMS [=] continuous monitoring system ***EPA Method 17 may be used only if the stack gas exit temperature is less than 375 degrees F.							

Appendix H-1, Permit History/ID Number Changes

Florida Power & Light Company
Cutler Plant

FINAL Permit No.: 0250001-003-AV

Permit History (for tracking purposes):

<u>E.U. ID No(s).</u>	<u>Project Description</u>	<u>Permit No.</u>	<u>Effective Date</u>	<u>Expiration Date</u>
All	Initial Title V Permit	0250001-001-AV	01/01/98	12/31/02
All	Title V Permit Renewal	0250001-002-AV ¹	01/01/03	12/31/07 ³
All	Title V Permit Renewal	0250001-003-AV	01/01/08 ²	12/31/12

¹ The most recently posted Title V permit on the web site.

² Future effective date for acid rain purposes.

³ Extension(s) of existing permit(s). Rule 62-213.420(1)(b)2., F.A.C. requires applicants having made a timely application for permit renewal to continue to operate the source under the authority and provisions of any existing valid permit or Florida Electrical Power Plant Siting Certification, and in accordance with applicable requirements of the Acid Rain Program, until the conclusion of proceedings associated with its permit application or until the new permit becomes effective, whichever is later.

Subsequent Permits Issued & Projects:

Compilation of permits and projects issued after the most recently posted Title V permit on the web site.

Air Permit Documents Search page of world wide web site (<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>) accessed on 08/24/2007.

ARMS - Permitting Application – Projects, accessed on 08/24/2007.

<u>E.U. ID No(s). & Section(s) of permit¹ affected</u>	<u>Project Description</u>	<u>Permit No.</u>	<u>Effective Date</u>	<u>Expiration Date</u>
	None	None		

Friday, Barbara

To: ed_nunez@fpl.com; r_b_fennell@fpl.com; 'john.hampp@fpl.com'; 'KKosky@Golder.com'; 'wongp@miamidade.gov'; Forney.Kathleen@epamail.epa.gov

Cc: Sheplak, Scott

Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Attachments: 0250001-003-AVFinalPermitSignaturePage.pdf; 0250001-003-AV FINAL Appendix AR-1.pdf; 0250001-003-AV FINAL Appendix H-1.pdf; 0250001-003-AV FINAL Permit.pdf; 0250001-003-AV FINAL statement of basis.pdf; 0250001-003-AV FINAL Table 1-1.pdf; 0250001-003-AV FINAL Table 2-1.pdf; 0250001-003-AV-FINALNotice&FINALDet.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html>.

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. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

DEP, Bureau of Air Regulation

11/29/2007

Friday, Barbara

From: System Administrator
To: Sheplak, Scott
Sent: Thursday, November 29, 2007 10:31 AM
Subject: Delivered:FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Your message

To: 'ed_nunez@fpl.com'; 'r_b_fennell@fpl.com'; 'john.hampp@fpl.com'; 'KKosky@Golder.com'; 'wongp@miamidade.gov';
'Forney.Kathleen@epamail.epa.gov'
Cc: Sheplak, Scott
Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant
Sent: 11/29/2007 10:31 AM

was delivered to the following recipient(s):

Sheplak, Scott on 11/29/2007 10:31 AM

Friday, Barbara

From: Exchange Administrator
Sent: Thursday, November 29, 2007 10:32 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT20319.txt; FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant



ATT20319.txt (440 FINAL Title V Permit
B) Renewal N...

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.

ed_nunez@fpl.com
r_b_fennell@fpl.com
john.hampp@fpl.com

Friday, Barbara

From: Exchange Administrator
Sent: Thursday, November 29, 2007 10:32 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT20293.txt; FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant



ATT20293.txt (286 FINAL Title V Permit
B) Renewal N...

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.

wongp@miamidade.gov

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@sophos.golder.com]
Sent: Thursday, November 29, 2007 10:32 AM
To: Friday, Barbara
Subject: Successful Mail Delivery Report

Attachments: Delivery report; Message Headers



Delivery report.txt
(457 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
474EDB51_25400_110_1

Friday, Barbara

From: R_Bryan_Fennell@fpl.com

Sent: Thursday, November 29, 2007 10:32 AM

To: Friday, Barbara

Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Return Receipt

Your FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant document:

was R B Fennell/PGBU/FPL

received by:

at: 11/29/2007 10:32:25 AM

Friday, Barbara

From: Ed_Nunez@fpl.com

Sent: Thursday, November 29, 2007 10:42 AM

To: Friday, Barbara

Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Return Receipt

Your FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant
document:
was Ed Nunez/PGD/FPL
received by:
at: 11/29/2007 10:41:43 AM

Friday, Barbara

From: John_Hampp@fpl.com
Sent: Thursday, November 29, 2007 10:52 AM
To: Friday, Barbara
Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Return Receipt

Your FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant
document:
was John Hampp/GC/FPL
received by:
at: 11/29/2007 10:52:20 AM

11/29/2007

Friday, Barbara

From: Sheplak, Scott
To: Friday, Barbara
Sent: Thursday, November 29, 2007 11:27 AM
Subject: Read: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Your message

To: 'ed_nunez@fpl.com'; 'r_b_fennell@fpl.com'; 'john.hampp@fpl.com'; 'KKosky@Golder.com'; 'wongp@miamidade.gov'; 'Forney.Kathleen@epamail.epa.gov'
Cc: Sheplak, Scott
Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant
Sent: 11/29/2007 10:31 AM

was read on 11/29/2007 11:27 AM.

Friday, Barbara

From: Ed_Nunez@fpl.com
Sent: Thursday, November 29, 2007 10:55 AM
To: Friday, Barbara
Cc: Forney.Kathleen@epamail.epa.gov; john.hampp@fpl.com; KKosky@Golder.com; r_b_fennell@fpl.com; Sheplak, Scott; wongp@miamidade.gov
Subject: Re: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant
Attachments: 0250001-003-AVFinalPermitSignaturePage.pdf; 0250001-003-AV FINAL Appendix AR-1.pdf; 0250001-003-AV FINAL Appendix H-1.pdf; 0250001-003-AV FINAL Permit.pdf; 0250001-003-AV FINAL statement of basis.pdf; 0250001-003-AV FINAL Table 1-1.pdf; 0250001-003-AV FINAL Table 2-1.pdf; 0250001-003-AV-FINALNotice&FINALDet.pdf

Dear Ms. Friday,
 I have received the attached documents.
 Regards,

Heriberto (Ed) Nuñez, P.E.

Power Generation Division-FPL
 Turkey Point and Cutler Power Plants
 Office: (305) 242-3822
 Cell: (305) 775-0294
 email: ed_nunez@fpl.com

~ "Friday, Barbara" <Barbara.Friday@dep.state.fl.us>



"Friday, Barbara"

<Barbara.Friday@dep.state.fl.us>

11/29/2007 10:31 AM

To: ed_nunez@fpl.com, r_b_fennell@fpl.com, john.hampp@fpl.com, KKosky@Golder.com, wongp@miamidade.gov, Forney.Kathleen@epamail.epa.gov
 cc: "Sheplak, Scott" <Scott.Sheplak@dep.state.fl.us>
 Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be

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downloaded for free at the following internet site:
<http://www.adobe.com/products/acrobat/readstep.html>.

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. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you, <?xml:namespace prefix = o ns = "urn:schemas-microsoft-com:office:office" />
DEP, Bureau of Air Regulation

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey. (See attached file: 0250001-003-AVFinalPermitSignaturePage.pdf) (See attached file: 0250001-003-AV FINAL Appendix AR-1.pdf) (See attached file: 0250001-003-AV FINAL Appendix H-1.pdf) (See attached file: 0250001-003-AV FINAL Permit.pdf) (See attached file: 0250001-003-AV FINAL statement of basis.pdf) (See attached file: 0250001-003-AV FINAL Table 1-1.pdf) (See attached file: 0250001-003-AV FINAL Table 2-1.pdf) (See attached file: 0250001-003-AV-FINALNotice&FINALDet.pdf)

Friday, Barbara

From: R_Bryan_Fennell@fpl.com
Sent: Thursday, November 29, 2007 12:49 PM
To: Friday, Barbara
Cc: ed_nunez@fpl.com; Forney.Kathleen@epamail.epa.gov; john.hampp@fpl.com; KKosky@Golder.com; r_b_fennell@fpl.com; Sheplak, Scott; wongp@miamidade.gov
Subject: Re: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant
Attachments: 0250001-003-AVFinalPermitSignaturePage.pdf; 0250001-003-AV FINAL Appendix AR-1.pdf; 0250001-003-AV FINAL Appendix H-1.pdf; 0250001-003-AV FINAL Permit.pdf; 0250001-003-AV FINAL statement of basis.pdf; 0250001-003-AV FINAL Table 1-1.pdf; 0250001-003-AV FINAL Table 2-1.pdf; 0250001-003-AV-FINALNotice&FINALDet.pdf

Ms. Friday,

I have received the attached Documents related to the Cutler Plant Title V Permit Renewal.

Thank You

R. Bryan Fennell
 General Manager II - Environmental, Water, Lab
 Office: 561-691-2781
 Cell: 561-762-5266

CONFIDENTIAL COMMUNICATION

The information contained in this transmission may be proprietary, privileged, and/or confidential. It is intended only for the use of the person(s) named above. If you are not the intended recipient, you are notified that any review, dissemination, distribution, or duplication of this communication is strictly prohibited. If you are not the intended recipient, please immediately contact the sender by reply email and destroy all copies of the original message. Thank you.

"Friday, Barbara" <Barbara.Friday@dep.state.fl.us>



"Friday, Barbara"

<Barbara.Friday@dep.state.fl.us>

11/29/2007 10:31 AM

To: ed_nunez@fpl.com, r_b_fennell@fpl.com, john.hampp@fpl.com, KKosky@Golder.com, wongp@miamidade.gov, Forney.Kathleen@epamail.epa.gov
 cc: "Sheplak, Scott" <Scott.Sheplak@dep.state.fl.us>
 Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done

11/29/2007

by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

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Thank you, <?xml:namespace prefix = o ns = "urn:schemas-microsoft-com:office:office" />
DEP, Bureau of Air Regulation

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey. Thank you in advance for completing the survey. (See attached file: 0250001-003-AVFinalPermitSignaturePage.pdf) (See attached file: 0250001-003-AV FINAL Appendix AR-1.pdf) (See attached file: 0250001-003-AV FINAL Appendix H-1.pdf) (See attached file: 0250001-003-AV FINAL Permit.pdf) (See attached file: 0250001-003-AV FINAL statement of basis.pdf) (See attached file: 0250001-003-AV FINAL Table 1-1.pdf) (See attached file: 0250001-003-AV FINAL Table 2-1.pdf) (See attached file: 0250001-003-AV-FINALNotice&FINALDet.pdf)

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]
Sent: Thursday, November 29, 2007 10:32 AM
To: Friday, Barbara
Subject: Successful Mail Delivery Report

Attachments: Delivery report; Message Headers



Delivery report.txt
(491 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 474EDB53_30165_57122_11

Friday, Barbara

From: Wong, Patrick (DERM) [WongP@miamidade.gov]
To: Friday, Barbara
Sent: Thursday, November 29, 2007 3:06 PM
Subject: Read: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company
- Cutler Plant

Your message

To: WongP@miamidade.gov
Subject:

was read on 11/29/2007 3:06 PM.

Friday, Barbara

From: Wong, Patrick (DERM) [WongP@miamidade.gov]
Sent: Thursday, November 29, 2007 3:07 PM
To: Friday, Barbara
Subject: RE: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

Received by Patrick Wong..Thanks.

-----Original Message-----

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Thursday, November 29, 2007 10:31 AM
To: ed_nunez@fpl.com; r_b_fennell@fpl.com; john.hampp@fpl.com; KKosky@Golder.com; Wong, Patrick (DERM); Forney.Kathleen@epamail.epa.gov
Cc: Sheplak, Scott
Subject: FINAL Title V Permit Renewal No.: 0250001-003-AV - Florida Power & Light Company - Cutler Plant

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The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html>.

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DEP, Bureau of Air Regulation

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