



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

NOTICE OF ADMINISTRATIVE PERMIT CORRECTION

In the Matter of an Application for Administrative Permit Correction

Mr. Rudy Sanchez
Plant General Manager
Florida Power and Light Company
P.O. Box 14000
Juno Beach, FL 33408

FINAL Permit No.: 0110037-001-AV
Lauderdale Plant

Based on a request and information provided in two letters from the Florida Power & Light Company received October 2, 2000 and October 24, 2000, the Department has determined that minor corrections to information contained in FINAL Permit Number 0110037-001-AV are required. The first change allows the use of EPA Method 25A in conjunction with EPA Method 18 for the measurement of VOC emissions for the banks of the simple cycle combustion turbines. This combination allows for the consideration of non-VOC fractions. The second change removes the annual testing requirement for VOC emissions for the combustion turbines of the combined-cycle units, because these emissions have been historically near or below the minimum detectable for EPA Method 25A (approximately 1 ppm). These corrections are minor in nature and do not alter, modify, or revise any permit requirement. This Administrative Permit Correction was processed as project number 0110037-003-AV, pursuant to Rule 62-210.360, F.A.C. The corrections are as noted below.

- Specific Condition **B.18.** is changed as follows:

From:

B.18. The VOC emission factors for the combustion turbines shall be confirmed every five (5) years by EPA Method 25A tests as described in 40 CFR 60, Appendix A (July 1, 1996) on any representative unit in each bank of the combustion turbines. Tests shall be conducted both while burning 100% natural gas and 100% No. 2 fuel oil. [AO06-230614, Specific Condition No. 9]

To:

B.18. The VOC emission factors for the combustion turbines shall be confirmed every five (5) years by EPA Method 25A and/or Method 18 tests as described in 40 CFR 60, Appendix A (July 1, 1996) on any representative unit in each bank of the combustion turbines. Tests shall be conducted both while burning 100% natural gas and 100% No. 2 fuel oil. [AO06-230614, Specific Condition No. 9, and, applicant request in letter received October 24, 2000]

- Specific Condition **A.19.** is changed as follows:

From:

A.19. Except as specified in this condition for visible emissions testing on fuel oil, annual compliance tests shall be performed on each combustion turbine unit with the fuel(s) used for more than 400 hours in the preceding 12-month period. Tests shall be conducted using EPA reference methods, or equivalent, in accordance with the July 1, 1996 version of 40 CFR 60 Appendix A. The stack test for each turbine shall be performed according to the requirements of specific condition **A.20.**

NOTICE OF ADMINISTRATIVE PERMIT CORRECTION
FINAL PERMIT NUMBER 0110037-001-AV

Page 2 of 3

Pollutant	EPA Reference Method	Gas	Oil
Particulate Matter	5 or 17		X
Visible Emissions	9	X	X
Carbon Monoxide	10	X	X
Nitrogen Oxides	20	X	X
Volatile Organic Compounds	25A	X	X
	Test Method		
Sulfur content	ASTM D 2880-96*		X
	ASTM D 1072-90(94) E-1, ASTM D 3031-81(86), ASTM D 4084-94, or ASTM D 3246-92*	X	

*or the latest edition.

The owner or operator shall conduct testing for visible emissions while firing fuel oil, using EPA Method 9, for each combustion turbine unit upon that turbine's exceeding 400 hours of operation on fuel oil, and every 150 hours of operation on fuel oil thereafter, in any given federal fiscal year (October 1 through September 30). Such tests shall be performed within 15 days of exceeding such operating hours, to allow for prior notification of the tests.

[Rule 62-213.440, F.A.C., applicant agreement with EPA on March 3, 1998, and PSD-FL-145, Specific Condition No. 10]

To:

A.19. Except as specified in this condition for visible emissions testing on fuel oil, annual compliance tests shall be performed on each combustion turbine unit with the fuel(s) used for more than 400 hours in the preceding 12-month period. Tests shall be conducted using EPA reference methods, or equivalent, in accordance with the July 1, 1996 version of 40 CFR 60, Appendix A. The stack test for each turbine shall be performed according to the requirements of specific condition A.20.

Pollutant	EPA Reference Method	Gas	Oil
Particulate Matter	5 or 17		X
Visible Emissions	9	X	X
Carbon Monoxide	10	X	X
Nitrogen Oxides	20	X	X
	Test Method		
Sulfur content	ASTM D 2880-96*		X
	ASTM D 1072-90(94) E-1, ASTM D 3031-81(86), ASTM D 4084-94, or ASTM D 3246-92*	X	

*or the latest edition.

The owner or operator shall conduct testing for visible emissions while firing fuel oil, using EPA Method 9, for each combustion turbine unit upon that turbine's exceeding 400 hours of operation on fuel oil, and every 150 hours of operation on fuel oil thereafter, in any given federal fiscal year (October 1 through September 30). Such tests shall be performed within 15 days of exceeding such operating hours, to allow for prior notification of the tests.

[Rule 62-213.440, F.A.C., applicant agreement with EPA on March 3, 1998, PSD-FL-145, Specific Condition No. 10, and applicant request in letter received October 2, 2000]

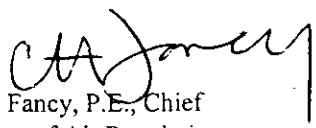
NOTICE OF ADMINISTRATIVE PERMIT CORRECTION
FINAL PERMIT NUMBER 0110037-001-AV

Page 3 of 3

- Table 2-1, Summary of Compliance Requirements for the combined-cycle combustion turbines, is also revised to reflect the change to Specific Condition A.19., as noted above.

This permit correction corrects and is a part of FINAL Permit Number 0110037-001-AV. This permit correction is issued pursuant to Chapter 403, Florida Statutes.

Executed in Tallahassee, Florida.


C.H. Fancy, P.E., Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF ADMINISTRATIVE PERMIT CORRECTION was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 11-02-00 to the person(s) listed or as otherwise noted:

Mr. Rudy Sanchez, FP&L*
Mr. Kevin Washington, FP&L
Ms. Daniela Banu, Broward County DNRP
U.S.EPA, Region 4 (INTERNET E-mail Memorandum)

Clerk Stamp

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

Sandra G. Knight
(Clerk)

11-02-00
(Date)

Table 2-1, Compliance Requirements

Florida Power & Light Company Lauderdale Plant			Permit No.: 0110037-001-AV Facility ID No.: 0110037					
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		Testing Time Frequency	Frequency Base Date **	Min. Compliance Test Duration	CMS*	See Permit Conditions
Pollutant Name or Parameter		Fuel(s)	Compliance Method					
-035 -036 -037 -038		Combined-cycle Combustion Turbines with HRSGs						
VE		Oil	EPA Method 9	Annual	1-Oct	1 Hour		A.19
		Gas	EPA Method 9	Annual	1-Oct	1 Hour		A.19
PM/PM10		Oil	EPA Method 5 or 17	Annual	1-Oct	3 Hours		A.19
SO2 (Sulfur Content of Fuel)		Oil	ASTM D 2880-96	Upon receipt of distillate oil Annual	1-Oct			A.19
		Gas	ASTM D 1072-90(94)E-1 or D 3031-81(86) or D 4084-94 or D 3246-92					A.19
NOx		Oil	EPA Method 20	Annual	1-Oct		Yes	A.19
		Gas	EPA Method 20	Annual	1-Oct		Yes	A.19
CO		Oil	EPA Method 10	Annual	1-Oct			A.19
		Gas	EPA Method 10	Annual	1-Oct			A.19
CO2							Yes	
E.U. ID Nos.		Brief Description		Testing Time Frequency	Frequency Base Date **	Min. Compliance Test Duration	CMS*	See Permit Conditions
Pollutant Name or Parameter		Fuel(s)	Compliance Method					
-003 -015		Banks of 12 Combustion Turbines						
VE		Oil	EPA Method 9	Annual	1-Oct	1 Hour		B.15
		Gas	EPA Method 9	Annual	1-Oct	1 Hour		B.15
NOx		Oil	EPA Method 20	Annual	1-Oct			B.16, B.17
		Gas	EPA Method 20	Annual	1-Oct			B.16, B.17
VOC		Oil	EPA Method 25A	5 years	1-Oct			B.18
		Gas	EPA Method 25A	5 years	1-Oct			B.18
Notes:								
*CMS [=] Continuous Monitoring System								
**Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.								

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Received by (Please Print Clearly) <i>P. 1001</i>	B. Date of Delivery
1. Article Addressed to: Mr. Rudy Sanchez Plant General Manager Florida Power & Light Co. P. O. Box 14000 Juno Beach, FL 33408	C. Signature X <i>R. Sanchez</i> <div style="float: right;"> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee </div>	
2. Article Number (Copy from service label) <i>3 210 660 448</i>	D. Is delivery address different from item 1? If YES, enter delivery address below: <div style="float: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </div>	
PS Form 3811, July 1999	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Registered <input type="checkbox"/> Insured Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> C.O.D.	
Domestic Return Receipt	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	



Z 210 660 448

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Mr. Rudy Sanchez
Plant General Manager
Florida Power & Light Co.
P. O. Box 14000
Juno Beach, FL 33408

PS Form 3800 April 1995

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	<i>11-02-00</i> <i>59k</i>