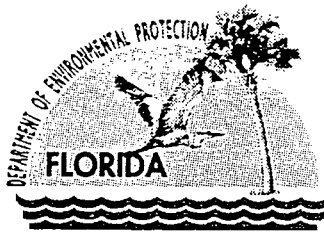


Barbara / File



# 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.

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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
	<b>Test Method</b>		
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
	<b>Test Method</b>		
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.

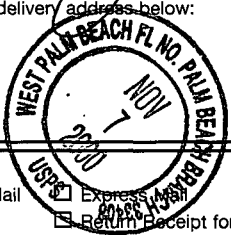
The owner or operator shall conduct testing for visible emissions while firing fuel oil, using EPA Method 9, for each combustion turbine unit upon that turbine's exceeding 400 hours of operation on fuel oil, and every 150 hours of operation on fuel oil thereafter, in any given federal fiscal year (October 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]



**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					
-035 -036 -037 -038		Combined-cycle Combustion Turbines with HRSGs					
Pollutant Name or Parameter	Compliance		Testing Time Frequency	Frequency Base Date **	Min. Compliance Test Duration	CMS*	See Permit Conditions
	Fuel(s)	Method					
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	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					
-003 -015		Banks of 12 Combustion Turbines					
Pollutant Name or Parameter	Compliance		Testing Time Frequency	Frequency Base Date **	Min. Compliance Test Duration	CMS*	See Permit Conditions
	Fuel(s)	Method					
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	
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1. Article Addressed to:  <b>Mr. Rudy Sanchez</b> <b>Plant General Manager</b> <b>Florida Power &amp; Light Co.</b> <b>P. O. Box 14000</b> <b>Juno Beach, FL 33408</b>	C. Signature X <i>C. Sanchez</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
2. Article Number (Copy from service label) <b>3 210 660 448</b>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No  	
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 checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> C.O.D.	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
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**Mr. Rudy Sanchez**  
**Plant General Manager**  
**Florida Power & Light Co.**  
**P. O. Box 14000**  
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