

## MEMORANDUM

TO: Bruce Mitchell  
FROM: Andrew Neita  
DATE: August 6, 1996  
RE: Completeness Review of Martin Plant, 0850001-004-AV

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**RECEIVED**

AUG 27 1996

BUREAU OF  
AIR REGULATION

The Southeast District Air Program has completed review of the above referenced facility. The permitting section had no comments and the compliance/enforcement section provide the following comments:

- Excess Nox emissions for unit 3b on 2/20/96 from 2100 hr -2300 hr.
- Warning letter was sent to FP&L on 5/7/96.
- Response to warning letter on 6/7/96.
- Request to settle with inkind project was requested by FP&L on 7/24/96.
- Request for further information was sent to FP&L on 8/6/96.
- Awaiting response from FP&L.

11/18/1996 11:47

4078975963

FDEP AIR



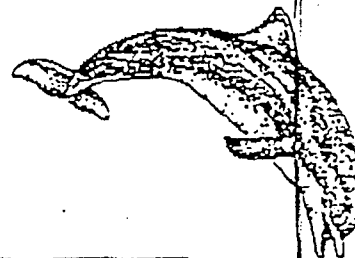
# Department of Environmental Protection

Lawton Chiles  
Governor

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Virginia B. Wetherell  
Secretary

## FAX TRANSMITTAL



TO:

NAME: BRUCE MITCHELL

AGENCY: DEP - TALLAHASSEE

TELEPHONE NO. (FAX NO.): \_\_\_\_\_

NUMBER OF PAGES  
(INCLUDING COVER PAGE): 3

FROM:

NAME: GARY KUBERSKI - DEP - ORLANDO

PROGRAM: AIR

(Orlando Fax Telephone No. (407) 897-5963 - SC 342-5963  
(Orlando Telephone No. (407) 894-7555

SENDER'S NAME: GARY KUBERSKI

COMMENTS: \_\_\_\_\_

STACK TEST REPORT REVIEWS FOR  
FLORIDA POWER AND LIGHT - CAPE CANAVERAL  
009.0006



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ST.XLS

STACK TEST REPORT REVIEW

Florida Power and Light Cape Canaveral Unit 1

Facility  
Source/Permit number  
Date of test

BEAUFORT Co.  
4/2/96

AIRS NUMBER 0090006 E.U.1  
ENTERED  
in ARMS?

FES  
ML

Test Team Name FP&L stack test group

Proper Number of:  
Sample Points: yes  
Sample Time: yes  
Sample Volume: yes  
Are all runs isokinetic? yes  
Any field comments about the process weight determination? No  
Permitted Fuels

Stack test done on #6 oil only

TEST RESULTS	FUEL	POLLUTANT	TEST METHOD	PARAMETER	UNITS	OPERATING	UNITS	PERCENT	ALLOWABLE	UNITS	ACTUAL	UNITS	PERCENT
SOURCE			X*							Y*		Y*	
Unit 1													
steady state	No. 6	PM	17	4000	MMBTU/hr	3756	MMBTU/hr	93.90%	0.1	lb/MMBTU	0.07	lb/MMBTU	70.00%
soot blowing	No. 6	PM	17	4000	MMBTU/hr	3756	MMBTU/hr	93.90%	0.3	lb/MMBTU	0.11	lb/MMBTU	36.67%
steady state	No. 6	VE	9	4000	MMBTU/hr	3756	MMBTU/hr	93.90%	40	% Opacity	20	% Opacity	50.00%
soot blowing	No. 6	VE	9	4000	MMBTU/hr	3756	MMBTU/hr	93.90%	80	% Opacity	27.9	% Opacity	46.50%

X\* Numbers are for EPA or DEP test methods. FA is fuel analysis.  
Y\* % opacity units are % opacity for highest six minute average. %S is weight % of sulfur in fuel.

Stack test Report acceptable?

Compliance Status: In Compliance

REVIEWERS COMMENTS

Magnesium Hydroxide fuel additive injected at a rate of 7.5 gallons/hr during stack test.

Reviewer's name:  
Reviewer's Signature/Date

sig [Signature] date 5/15/96

ST.XLS

STACK TEST REPORT REVIEW

Florida Power and Light Cape Canaveral Unit 2

Facility  
Source/Permit number  
Date of test

Bluebird Co.  
4/2/96

AIRS NUMBER 0090008 E.U. 2  
ENTERED  
In ARMS? *JK. CES*

Test Team Name  
Proper Number of:  
Sample Points  
Sample Time:  
Sample Volume

FP&L stack test group

Are all runs isokinetic?  
Any field comments about the process weight determination?  
Permitted Fuels

yes  
yes  
yes  
yes  
No  
Stack test done on #6 oil only

TEST RESULTS	FUEL	LOAD	TEST HOUR	PRERTIME	UNIT	OPERATING	UNIT	PERCENT	ALLOWABLE	UNIT	ACTUAL	UNIT	PERCENT	ALLOWABLE
BOURCE			X*							Y*			Y*	
Unit 2														
steady state	No. 6	PM	17	4000	MMBTU/hr	3878	MMBTU/hr	91.90%	0.1	lb/MMBTU	0.05	lb/MMBTU	50.00%	
soot blowing	No. 6	PM	17	4000	MMBTU/hr	3878	MMBTU/hr	91.90%	0.3	lb/MMBTU	0.09	lb/MMBTU	20.00%	
steady state	No. 6	VE	9	4000	MMBTU/hr	3672	MMBTU/hr	91.80%	40	% Opacity	10.4	% Opacity	26.00%	
soot blowing	No. 6	VE	9	4000	MMBTU/hr	3672	MMBTU/hr	91.80%	60	% Opacity	28.3	% Opacity	43.00%	

X\* Numbers are for EPA or DEP test methods. FA is fuel analysis.  
Y\* % opacity units are % opacity for highest six minute average. %S is weight % of sulfur in fuel.

Stack test Report acceptable? YES

Compliance Status: In Compliance

REVIEWERS COMMENTS

Magnesium hydroxide fuel additive injected at a rate of 7.5 gallons per hour during stack test.

Reviewers name:  
Reviewers Signature/Date

sig *[Signature]* date 5/15/96