



April 24, 2003

Ms. Trina Vielhauer
State of Florida
Department of Environmental Protection
Division of Air Resource Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

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APR 28 2003

BUREAU OF AIR REGULATION

**Re: Initial Startup of Fort Myers Peaker Project
Combustion Turbine # PFM 3A & 3B**

Dear Trina:

This correspondence is to serve as notification to the Department, in accordance with 40 CFR 60.7(a)(2), Florida Power & Light Company's (FPL) actual/estimated first fire dates for Fort Myers Peaker Project Units 3A and 3B. The current schedule for first fire on the permitted fuels are as follows:

Unit 3B (Gas) – March 15, 2003
Unit 3B (Distillate) – April 4, 2003
Unit 3A (Gas) – April 18, 2003
Unit 3A (Distillate) – May 3, 2003

In addition, FPL will make final notification of actual first fire dates to your Office within 15 days after such event, per the requirements of 40 CFR 60.7(a)(3). Performance/Emission testing and commercial operation notifications will also be transmitted to the Department and EPA Region 4 under separate cover.

Please feel free to contact me at (561) 691-2930 or Michael Szybinski at (561) 691-2898 if you have any questions.

Very truly yours,

Nancy Kierspe
Nancy Kierspe

Designated Representative
Florida Power & Light Company

cc:

Errin Pichard	FDEP Division of Air Resource Management
Richard Cantrell	FDEP South District Office
Ron Blackburn	FDEP South District Office
Lynn Haynes	EPA Region 4
Brent Burger	OCI/Project Manager
Tom DePlonty	Project Manager
Bernie Tibble	Environmental Specialist - PFM
Bill Reichel	Plant General Manager – PFM
Augie de la Vega	FPL Emission Test Group
Barbara Linkiewicz	JES/FPL
File	



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JUL 11 2003

BUREAU OF AIR REGULATION

July 8, 2003

Ms. Trina Vielhauer
State of Florida
Department of Environmental Protection
Division of Air Resource Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

**Re: Emissions Performance Test Results
Fort Myers Peaker Project Combustion Turbine #3B**

Dear Trina:

An error was discovered in the summary table (p. 13) in the Fort Myers Peaker Project Unit # 3B report issued by GE Mostardi. A corrected table is enclosed (Rev. 1). Please replace the original table with this table.

Sorry for any inconvenience this might cause.

Please feel free to contact me at (561) 691-7518 or Michael Szybinski at (561) 691-2898 if you have any questions.

Sincerely,

Barbara P. Linkiewicz
Barbara P. Linkiewicz
Sr. Environmental Specialist

*Barbara's
Project - Fill
Thanks
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Cc:

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|------------------|--|
| Errin Pichard | FDEP Division of Air Resource Management |
| Richard Cantrell | FDEP South District Office |
| Ron Blackburn | FDEP South District Office |
| Lynn Haynes | EPA Region 4 |
| Brent Burger | OCI/Project Manager |
| Tom DePlonty | Project Manager |
| Bernie Tibble | Environmental Specialist - PFM |
| Bill Reichel | Plant General Manager - PFM |
| Nancy Kierspe | Designated Representative |

SUMMARY TABLE - CEMS PARAMETERS - UNIT 3B, BASE LOAD OIL FIRING (rev1)

Test Identification					
Test Period	--	1	1	1	Average
Test Condition	load level, %	100	100	100	
Sampling Location	--	stack	stack	stack	
Date		10-Apr-03	10-Apr-03	10-Apr-03	
Test Time (start-stop)		1025-1125	1215-1315	1400-1500	
Turbine Operating Conditions					
Mean Turbine Exhaust Temperature, TTXM	°F	1096.5	1101.6	1099.8	1099.3
Fuel Flow, FQG	lb/sec	26.85	26.78	27.07	26.90
Compressor Inlet Temperature, CTIM	°F	67.0	66.1	69.1	67.4
Specific Humidity, CMHUM	lb/lb	0.00630	0.00703	0.00689	0.00674
Inlet Guide Vane Angle, CSGV	degrees	86.0	86.0	86.0	86.0
Generator Output, DWATT	MW	183.9	182.7	183.1	183.2
Compressor Discharge Pressure, CPD	psig	224.9	223.6	223.8	224.1
Exhaust Gas Conditions					
Stack Temperature	°F	1,129	1,143	1,129	1,134
Volumetric Flow, M-19, Fd	dscfm	724,078	720,421	726,449	723,649
Moisture	%V	11.3	11.3	11.3	11.3
O ₂	%	12.6	12.6	12.6	12.6
CO ₂	%	6.1	6.1	6.1	6.1
F _o Factor	--	1.362	1.361	1.364	1.363
NO _x	ppmvd	52.27	52.58	52.43	52.43
CO	ppmvd	0.82	0.82	0.81	0.8
UHC	ppmvw	0.4	0.1	0.2	0.2
Methane	ppmvw	0.0	0.0	0.0	0.0
Ethane	ppmvw	0.0	0.0	0.0	0.0
VOC	ppmvw	0.38	0.05	0.20	0.21
Exhaust Emissions					
NO _x	ppmvd @ 15% O ₂	37.11	37.24	37.05	37.13
NO _x	%V @ 15% O ₂	0.0037	0.0037	0.0037	0.0
NO _x	lb/hr	271.1	271.4	272.9	271.8
NO _x	lb/hr, ISO	276.7	276.9	278.4	277.3
CO	lb/hr	2.70	2.66	2.62	2.66
CO	ppmvd @ 15% O ₂	0.58	0.58	0.57	0.58
VOC	ppmvd	0.43	0.06	0.23	0.18
VOC	ppmvd @ 15% O ₂	0.30	0.04	0.16	0.17
VOC	lb/hr	0.81	0.10	0.42	0.44
SO ₂	ppmvd @ 15% O ₂	0.0000817	0.0000817	0.0000817	0.0000817



May 9, 2003

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Unit 3B (Distillate) – April 4, 2003
Unit 3A (Gas) – April 18, 2003
Unit 3A (Distillate) – May 6, 2003

In addition, FPL will make final notification of actual first fire dates to your Office within 15 days after such event, per the requirements of 40 CFR 60.7(a)(3). Performance/Emission testing and commercial operation notifications will also be transmitted to the Department and EPA Region 4 under separate cover.

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Very truly yours,

Nancy Kierspe

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Designated Representative
Florida Power & Light Company

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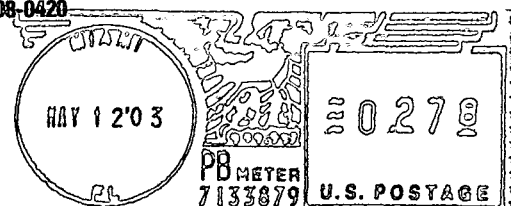
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File	



Florida Power & Light Company, P. O. Box 14000, Juno Beach, FL 33408-0420

ADDRESS SERVICE
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Ms. Trina Vielhauer
Florida Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

D+IHTMS 32399

