



May 22, 2001

Mr. Jeff Koerner, P.E.  
State of Florida  
Department of Environmental Protection  
Division of Air Resources Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

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MAY 29 2001

BUREAU OF AIR REGULATION

Re: **FPL Martin Plant**  
**PSD Permit #PSD-FL-286**

Dear Mr. Koerner:

Per our discussion, this correspondence is to inform the Department that FPL does not at this time intend to perform emissions testing on the Martin peaking units 8A and 8B in either power augmentation mode or in high temperature peaking mode.

Currently, the site does not have excess steam capability with which to provide power augmentation capability. In addition, the operation of the new units in high temperature peaking mode is predicted to shorten the maintenance interval for the equipment.

FPL recognizes that we will be unable to operate in either of the two referenced operating modes unless and until the emissions testing is performed.

If you should have any questions, please do not hesitate to contact me at (561) 691-7058 or via email at rich\_piper@fpl.com.

Very truly yours,

A handwritten signature in black ink, appearing to read "Richard Piper", is written over a white background.

Richard Piper  
Licensing Manager  
Florida Power & Light Company

cc:

Tom Tittle - DEP Southeast District Office



AL

May 17, 2001

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MAY 21 2001

BUREAU OF AIR REGULATION

Clair Fancy, P.E.  
State of Florida  
Department of Environmental Protection  
Division of Air Resource Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**Re: Initial Startup "First Fire" of Martin Plant  
Simple Cycle Combustion Turbine Unit PMR8B**

PSD-FL-286

Dear Clair:

This correspondence is to serve as notification to the Department, in accordance with 40 CFR 60.7(a)(3), that Florida Power & Light Company first fired Martin Plant Simple Cycle Combustion Turbine Unit PMR8B on May 16, 2001.

Please feel free to contact me at (561) 691-2438, if you have any questions.

Very truly yours,

*Myan to King for Dave Knutson*

David W. Knutson  
Designated Representative  
Florida Power & Light Company

cc:

Tom Tittle  
Lynn Haynes  
Joseph Kahn  
File

FDEP Southeast District Office  
EPA Region 4  
FDEP Bureau of Air Resource Management



August 10, 2000

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AUG 14 2000

Mr. Al Linero, P.E.  
State of Florida  
Department of Environmental Protection  
Division of Air Resource Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

BUREAU OF AIR REGULATION

**Re: Notification of Construction Start**  
**FPL Martin Peaking Unit Project**

Dear Mr. Linero:

Pursuant to the requirements of 40 CFR 60.7(a)(1), please note that the Martin Peaking Unit construction project is scheduled to commence construction on or about August 14<sup>th</sup>, 2000.

Thank you and your staff for your assistance with permitting this project. I look forward to working with you in the future.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Richard Piper'.

Richard Piper  
Licensing Manager  
Florida Power & Light Company

cc: *D. Kallmer*  
*B. O'Connell*  
*J. Balderson*  
EPA  
DPS

Florida Department of  
Environmental Protection

Memorandum

TO: Howard L. Rhodes  
THRU: Clair Fancy  
Al Linero  
FROM: Jeff Koerner  
DATE: July 19, 2000  
SUBJECT: Project No. 0850001-008-AC (PSD Permit No. PSD-FL-286)  
FPL Martin Power Plant  
Addition of Two 170 MW Simple Cycle Combustion Turbines

*I signed  
Howard out*

The Final Permit is attached for your approval and signature for a project that will add 340 MW of electric power to the existing FPL Martin Power Plant located in the western part of unincorporated Martin County approximately seven miles north of Indiantown on State Road 710. The permit authorizes the installation of two simple cycle 170 MW General Electric Model PG7241(FA) combustion turbines with electrical generator sets, two gas fired fuel heaters, and a distillate oil storage tank. The primary fuel is pipeline-quality natural gas with very low sulfur distillate oil as a backup fuel. The permit limits fuel consumption to an equivalent of 3390 hours per year of which no more than 500 hours per year may be gas firing. The Department determined dry low-NOx combustion technology to represent the Best Available Control Technology (BACT) for emissions of nitrogen oxides. For CO, PM/PM10, and SO2 emissions, BACT is the efficient combustion of clean fuels.

The Public Notice of Intent to Issue was published in the Stuart News on June 13, 2000. The Department received the proof of publication on June 19, 2000. No comments were received from the public, the Southeast District Office, or National Park Service regarding the Draft Permit. EPA Region 4 provided minor written comments prior to the publication date. The applicant provided additional information regarding emissions of hazardous air pollutants. A brief description of the comments and the Department's responses are summarized in the attached Final Determination.

I recommend your approval and signature. Day 90 is September 8, 2000.

Attachments

CHF/AAL/jfk