



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

July 10, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Richard Piper
Environmental Specialist
Florida Power and Light Company
Post Office Box 088801
North Palm Beach, Florida 33408-8801

Dear Mr. Piper:

Re: FPL Lauderdale Plant - PSD Permit Amendment
Rate of Operation During Compliance Testing
0110037-001-AC, PSD-FL-145

The Department has reviewed your request of March 28 to incorporate Guidance DARM-EM-05, "Rate of Operation During Compliance Testing for Combustion Turbines (attached)," into the PSD permit applicable to the FPL Lauderdale Power Plant. The permit is amended as follows:

Condition 23 (New)

23. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 95-100 percent of the manufacturer's rated heat input achievable for the average ambient (or conditioned) air temperature during the test. If it is impracticable to test at capacity, then sources may be tested at less than capacity. In such cases, the entire heat input vs. inlet temperature curve will be adjusted by the increment equal to the difference between the design heat input value and 105 percent of the value reached during the test. Data, curves, and calculations necessary to demonstrate the heat input rate correction at both design and test conditions shall be submitted to the Department with the compliance test report.

Is your RETURN ADDRESS completed on the reverse side?

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- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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3. Article Addressed to:

Richard Piper, ES
Fla. Power & Light
PO Box 088801
N. Palm Beach, FL
33408

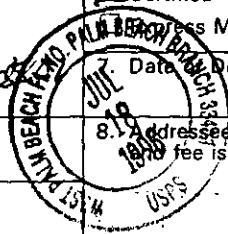
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P 339 251 129

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5. Signature (Addressee)

6. Signature (Agent)

Alan Sauter

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PS Form 3811, December 1991

U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

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P 339 251 129

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

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Street & Number	FPEL	
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Postage	\$	
Certified Fee		
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Return Receipt Showing to Whom & Date Delivered		
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TOTAL Postage & Fees	\$	
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PS Form 3800, April 1995

Memorandum

**Florida Department of
Environmental Protection**

TO: Clair Fancy

FROM: Al Linero *AL*
IS. 7/9
Clair

DATE: July 9, 1996

SUBJECT: FPL Lauderdale Plant - PSD Permit Amendment
Rate of Operation During Compliance Testing
0110037-001-AC, PSD-FL-145

Attached for your review and signature is an amendment incorporating the conditions of our Guidance DARM-EM-05, "Rate of Operation During Compliance Testing," into the Lauderdale PSD permit. They publicly noticed this item and we received no comments.