



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

January 24, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. J. Michael Kennedy, Manager  
Florida Power Corporation  
3201 34th Street, South  
St. Petersburg, Florida 33711

Dear Mr. Kennedy:

Re: File No. 0170004-003-AC

On December 26, 1995, the Bureau of Air Regulation received your air permit application and \$5,000 processing fee for a permit to burn a blend of coal and petroleum coke at your Crystal River Units 1 and 2. Additional information is needed before your request can be processed. Please provide this office with the following information:

1. Provide the basis for the assumption that Units 1 and 2 are "capable of accommodating" petroleum coke as a fuel.
2. Describe the petroleum coke handling system which will be utilized at Units 1 and 2.
3. Describe the coal/petroleum coke blending process and provide reasonable assurance that the final blended product will be a homogeneous blend of 95% coal and 5% petroleum coke.
4. The copy of the permit for Unit 2 provided in the application allows for the firing of pulverized coal only. Provide the basis which exempts this source from New Source Review requirements.
5. The data from the petcoke trial burn tests show a decrease in SO<sub>2</sub>, NO<sub>x</sub>, CO and Sulfuric Acid Mist (SAM) and an increase in Particulate Matter from the baseline test. Provide the basis for assuming only SO<sub>2</sub> would increase when firing the coal/petroleum coke mixture. It has been our experience that CO and SAM increase when firing petcoke. Please explain the ten-fold decrease in CO as well as the decrease in SAM.

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6. Provide a response to all forth coming comments made by either the EPA National Park Service. We have been advised that EPA and/or the National Park Service will provide comments on this request. We will forward their comments to you when we receive them.

The Department will resume processing your application after receipt of the requested information. If you have any questions on this matter, please call Ed Svec at (904)488-1344.

Sincerely,



A. A. Linero, P.E.  
Administrator  
New Source Review Section  
Bureau of Air Regulation

AAL/es/t

cc: J. Kissel, SWD

Fold at line over top of envelope to the

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- 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.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

Michael Kennedy  
Fla. Power Corp.  
3201 34th St. S.  
St. Pete, FL 33711

4a. Article Number  
2 127 633 153

4b. Service Type

☐ Registered ☐ Insured  
☒ Certified ☐ COD  
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery  
1/24/96

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C. J. Jare

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PS Form 3811, December 1991 U.S. GPO: 1993-352-714

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2 127 633 153



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Send to

Michael Kennedy

Street and No.

Fla. Power Corp

P.O. State and ZIP Code

St. Pete, FL

Postage \$

Certified Fee

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Return Receipt Showing to Whom & Date Delivered

Return Receipt Showing to Whom, Date, and Addressee's Address

TOTAL Postage & Fees \$

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0170004-003 AC

PS Form 3800, March 1993