

## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400  
Lawton Chiles, Governor Carol M. Browner, Secretary

January 30, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. W. W. Vierday  
Florida Power Corporation  
3201 Thirty-fourth Street South  
P. O. Box 14042  
St. Petersburg, Florida 33733

Re: Six Simple-cycle Combustion Peaking Units at DeBary Facility  
AC 64-191015, PSD-FL-167

Dear Mr. Vierday:

We have reviewed your December 31, 1990 application concerning the above referenced permit application and find it to be incomplete. You will need to show all calculations, state and justify all assumptions, identify the sources of any emission factors, and provide copies of references where the emission factors or other information were obtained from sources other than AP-42. In responding to those questions that request information concerning air pollutant emissions, please provide the emissions for each fuel that the affected sources are authorized to burn. Processing of your application will resume upon receipt of the following information:

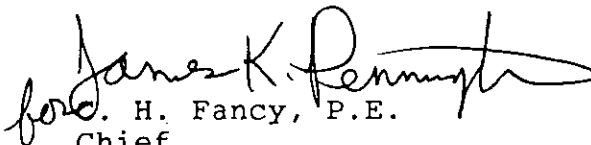
1. Explain and demonstrate how the actual emissions of each pollutant listed in Table 500-2 of Rule 17-2.500 Florida Administrative Code (F.A.C.) were calculated in units of the applicable emission limiting standard (lbs/hr and tons/year) for each source at the DeBary facility.
2. What is the anticipated schedule for using natural gas at the DeBary facility for the proposed new combustion turbines and other existing units?
3. What is the intended use for the facility - base load, cycling, peaking, etc?
4. Why was combined cycle not used, particularly, for such a large facility expansion?

Mr. W. W. Vierday  
Page 2 of 2

5. Please provide a map showing the facility location, county, municipalities, adjacent facilities, etc.
6. Please provide a copy of the air quality dispersion modeling inputs and results in both paper and diskette formats.

If you have any questions or wish to meet with us, please write to me at the address above or call Barry Andrews at (904)488-1344.

Sincerely,

  
for *J. H. Fancy, P.E.*  
Chief  
Bureau of Air Regulation

CHF/PL/plm

c: J. Turner  
*J. Harper, EPA*  
*P. Willis*  
*C. Holladay*  
*B. Andrews*

P 407 853 135  
**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

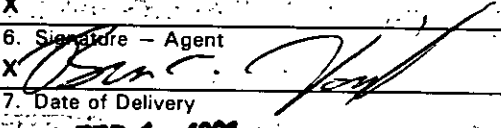
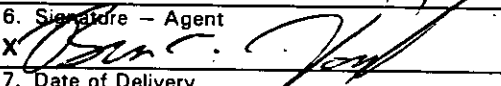
U.S.G.P.O. 1989-234-555

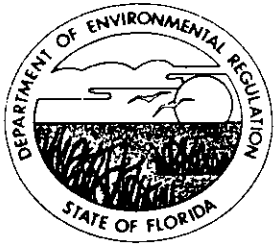
PS Form 3800, June 1985

Sent to Mr. W. W. Vierday, FPC	
Street and No. P. O. Box 14042	
P. O. State and ZIP Code St. Petersburg, FL 33733	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 1-30-91 Permit: AC 64-191015 PSD-FL-167	

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)  
 2.  Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. W. W. Vierday Florida Power Corporation 3201 Thirty-fourth St., South P. O. Box 14042 St. Petersburg, FL 33733	4. Article Number P 407 853 135 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature - Addressee X 	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X 	
7. Date of Delivery FEB 1 1991	



# Florida Department of Environmental Regulation

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~~XXXXXXXXXXXXXXXXXXXX~~  
Lawton Chiles, Governor

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Carol M. Browner,  
Secretary

January 10, 1991

Ms. Jewell A. Harper, Chief  
Air Enforcement Branch  
U.S. EPA - Region IV  
345 Courtland Street, N.E.  
Atlanta, Georgia 30365

Dear Ms. Harper:

RE: Completeness Review

The enclosed applications are being forwarded to you for your review and comments

1. City of Lakeland, Polk County, combustion turbine project, PSD-FL-166.
2. Florida Power Corporation, Volusia County, combustion turbine units at DeBary, PSD-FL-167.

If you have any questions, please call Preston Lewis, Cleve Holladay, or Barry Andrews at (904)488-1344. If it is convenient to FAX a response to us, the FAX number to use is (904)922-6979.

Sincerely,

*Patricia G. Adams*

Patricia G. Adams  
Planner  
Bureau of Air Regulation

/pa

Enclosures .