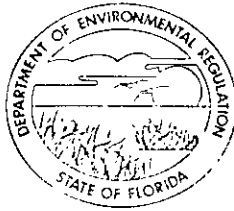


STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM  
GOVERNOR  
VICTORIA J. TSCHINKEL  
SECRETARY

March 27, 1985

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Jerry L. Williams, Environmental Director  
Tampa Electric Company  
P.O. Box 111  
Tampa, Florida 33601

RE: Request for permit modification to PSD-FL-040,  
Big Bend Unit 4

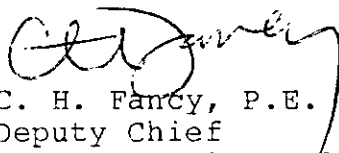
Dear Mr. Williams:

On February 4, 1985, the Bureau of Air Quality Management received your request to modify the carbon monoxide limits for permit PSD-FL-040. Because this change concerns a federal PSD permit, your request was forwarded to the EPA in Atlanta for their review and comments.

Because this change will result in a theoretical significant increase in carbon monoxide emissions, a public notice will need to be published regarding this change. Please use the sample public notice attached to this letter and provide us with a proof of publication so that we can finish processing the requested change.

If you have any questions, please write to me at the above address, or call Edward Svec, Review Engineer, at (904)488-1344.

Sincerely,

  
C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

CHF/ES/rw

Attachment

cc: Richard Garrity  
Iwan Choronenko



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET  
ATLANTA, GEORGIA 30365

MAR 12 1985

REF: APT-AM

Mr. Clair H. Fancy, Deputy Chief  
Bureau of Air Quality Management  
Florida Department of Environmental  
Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

RE: PSD-FL-040 TECO Big Bend Unit 4

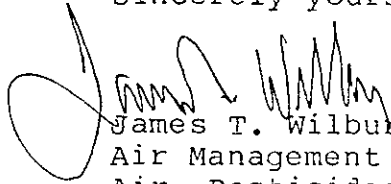
Dear Mr. Fancy:

This is to acknowledge receipt of your February 8, 1985, letter requesting the modification of the federal Prevention of Significant Deterioration (PSD) permit (PSD-FL-040) issued for the construction of the coal-fired boiler, Unit 4, at the Tampa Electric Company's (TECO) Big Bend facility near Ruskin, Florida. The permit issued on October 15, 1981, contained carbon monoxide (CO) emission limits for the unit based on estimates provided by the company in which an incorrect emission factor was used.

The PSD preliminary and final determinations for Unit 4 at the TECO Big Bend facility reflected CO emission estimates which appeared in the TECO application. The company used the wrong emission factor from the EPA document "Compilation of Air Pollutant Emission Factors" (AP-42). As a result, there was an underestimation of CO emissions in the original review. The requested modification would theoretically increase CO emissions from 272 tons per year to 543 tons per year and will increase the ambient concentration (8-hour average) to approximately 16 ug/m<sup>3</sup>. The significant level for CO is 575 ug/m<sup>3</sup>, 8-hour average and therefore, no adverse impacts are expected due to the increase. The best available control technology has been determined to be proper combustion controls and has not been changed in this proposed revision. As the correction of this error will result in a theoretical significant increase in CO emissions (271 tons per year), a public notice will need to be published regarding this change. For your convenience, enclosed is a sample public notice which may be used. Please provide us a copy of the proof of publication so that we may proceed to revise the PSD permit to reflect the emission change for CO.

If you have any questions regarding this letter, you may contact me or Wayne J. Aronson, New Source Review Team Leader, at 404/881-4552.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'James T. Wilburn', written over the typed name.

James T. Wilburn, Chief  
Air Management Branch  
Air, Pesticides, and Toxics  
Management Division

Enclosure

PUBLIC NOTICE

On January 30, 1985, the Tampa Electric Company requested that their Prevention of Significant Deterioration permit (PSD-FL-040) for the coal-fired boiler, Unit 4, at the Big Bend facility near Ruskin, Florida, be revised. The requested revision will result in a projected increase of 271 tons per year of carbon monoxide.

EPA has reviewed the proposal to increase emissions. The increase is due to an error in emissions calculations for this source and no process or structural modifications are involved. The projected increase in emissions from 272 tons per year to 543 tons per year of carbon monoxide will increase the ambient concentration (8-hour average) to approximately 16 ug/m<sup>3</sup>. The significant level for carbon monoxide is 575 ug/m<sup>3</sup> and therefore, no adverse impacts are expected due to the increase. The best available control technology has been determined to be proper combustion controls and is not changed in this proposed revision.

Any person may submit written comments regarding this proposed permit revision. All comments must be received not later than 30 days from the date of this notice in order to be considered. A public hearing may be held if sufficient justification is provided, as determined by the Administrator. Letters should be addressed to:

Mr. Clair Fancy, P.E.  
State of Florida Department of  
Environmental Regulation  
Bureau of Air Quality Management  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

PS Form 3811, July 1983

**SENDER: Complete items 1, 2, 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 service(s) requested.

1.  Show to whom, date and address of delivery.  
 2.  Restricted Delivery.

3. Article Addressed to:  
 Mr. Jerry L. Williams  
 Tampa Electric Company  
 P. O. Box 111  
 Tampa, Florida 33601

4. Type of Service: Article Number  
 Registered  Insured 0155535  
 Certified  COD  
 Express Mail

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee  
 X

6. Signature - Agent  
 X *[Signature]*

7. Date of Delivery APR 10 1985

8. Addressee's Address (ONLY if requested and fee paid)

DOMESTIC RETURN RECEIPT

No. 0155535

**RECEIPT FOR CERTIFIED MAIL**  
 NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

SENT TO		Mr. Jerry L. Williams	
STREET AND NO.			
P.O. STATE AND ZIP CODE			
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	\$	
	SPECIAL DELIVERY	\$	
	RESTRICTED DELIVERY	\$	
	OPTIONAL SERVICES	RETURN RECEIPT SERVICE	\$
		SHOW TO WHOM AND DATE DELIVERED	\$
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		\$	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			
4/3/85			

PS Form 3800, Apr. 1976