



Department of Environmental Protection

Jeb Bush
Governor
April 19, 2000

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

David B. Struhs
Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Gregory M. Nelson
Director
Environmental Affairs
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601-0111

Re: Permit Revisions for Big Bend Unit 3, AO29-179911, and Unit 4, PSD-FL-040
Request for Additional Information

Dear Mr. Nelson:

Your March 20 response to my request for additional information is incomplete.

1. Since vanadium catalyzes SO_2 to SO_3 , thus forming acid mist, there is a link to a directly regulated pollutant. Though sulfuric acid mist emissions testing was performed by TEC during the original petcoke permitting for Big Bend Units 3 and 4, you have provided no correlation of future potential sulfur acid mist emissions to future vanadium content of the petcoke. This information is needed for reasonable assurance.
2. Please describe how the annual emissions provided in the "Emissions Summary during Petcoke Combustion" were calculated, i.e., CEMS data, quarterly stack test, etc.
3. Please describe specifically what fuel will be burned to ensure compliance with the SO_2 standards during periods of FGD downtime (as stated in your response to FDEP Request 7.)

This information needs to be sealed by a Professional Engineer registered in the state of Florida. Please submit this information within 45 days.

If you have any questions concerning this request for information, please phone me at 850/921-9534, or send email to Cindy.Phillips@dep.state.fl.us.

Sincerely,

Cindy L. Phillips, P.E.
Bureau of Air Regulation

c: Rob Kalch, EPCHC
Al Linero, FDEP

"More Protection, Less Process"

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1. Article Addressed to:

Gregory Nelson
TECO
PO Box 111
Jampa, FL
33601-0111

2. Article Number (Copy from service label)

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Division of Air Resources Management
Bureau of Air Regulation, NSRS
2600 Blair Stone Road, MS 5505
Tallahassee, Florida 32399-2400

APR 26 2000

BUREAU OF AIR REGULATION



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PS Form 3800, April 1995