



July 3, 2003

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Cindy L. Phillips, P.E.  
Bureau of Air Regulation  
Department of Environmental Protection  
2600 Blair Stone Road  
Mail Station #5505  
Tallahassee, FL 32399-2400

BUREAU OF AIR REGULATION

**Re: Reply to Request for Additional Information – Manatee Plant Title V Renewal  
Application No. 0810010-009-AV**

Dear Ms. Phillips:

In reply to your letter of June 27 [Attachment No.1] requesting additional information regarding the permit renewal application referenced above, FPL provides the following information:

1. With regard to your first question regarding the hydrazine mixing tank - The hydrazine mixing tank is a single, 350-gallon, "Tote" (portably delivered tank) provided by the hydrazine supplier. The tank is sealed and unopened to the air. It contains a 35% solution of hydrazine that is used to chemically treat the plant's boiler feedwater. You are correct regarding the wording "**and** relief-valves". The word "**on**" is a typographical error. FPL gladly authorizes the Department to make the appropriate wording change to the application, unless you require a corrected page.
2. With regard to your second question regarding the NOx continuous monitors for Units 1&2 – At the time of the permit renewal application's development, the monitors were planned, but not yet installed. They have since been installed. I have attached an updated Section I page for each affected unit, which reflects the newly installed monitor information [Attachments 2 & 3].

Thank you for your assistance in this matter, and, if you should have any questions, please do not hesitate to contact me at (561) 691-2877.

Very truly yours,

Kevin Washington  
Senior Environmental Specialist  
Florida Power and Light Company

*Oxygen scavenger  
35% mix 1200 gal → H<sub>2</sub>O<sub>2</sub> Ammonia*

Attachments: 3



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

CERTIFIED MAIL - Return Receipt Requested

June 27, 2003

Mr. Kevin Washington  
Senior Environmental Engineer  
Manatee Plant  
Florida Power & Light  
P.O. Box 14000  
Juno Beach, FL 33408

RE: Request for Additional Information for Title V Permit Renewal  
Application No. 0810010-009-AV  
Manatee Plant, Manatee County

Dear Mr. Washington:

Please clarify the following information that was supplied in the renewal application:

1. What is the capacity of the hydrazine mixing tank, what are the estimated potential annual hydrazine emissions, and what is the hydrazine used for? The wording in the application says "Hydrazine mixing tank on relief valves." Should this actually say "Hydrazine mixing tank **and** relief valves"?
2. If, as noted in the application, the NO<sub>x</sub> continuous monitors for Unit 1 and Unit 2 were replaced (in May 2003?), please submit updated "Section I. Continuous Monitor Information" for each unit.

If you have any questions concerning this request, please contact me at (850) 921-9534 or [Cindy.Phillips@dep.state.fl.us](mailto:Cindy.Phillips@dep.state.fl.us).

Sincerely,

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

c: Paul Plotkin, RO  
Clarence G. Troxell, MCAP

**I. CONTINUOUS MONITOR INFORMATION**  
**(Only Regulated Emissions Units Subject to Continuous Monitoring)**

**Continuous Monitoring System:** Continuous Monitor   1   of   4  

1. Parameter Code: EM	2. Pollutant(s): NOx
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: TEICO Model Number: 42-C                      Serial Number: 42C 77266-385	
5. Installation Date: 05/12/2003	6. Performance Specification Test Date: 06/26/2003
7. Continuous Monitor Comment (limit to 200 characters): Required by 40 CFR 75.10(a)(2)	

