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TAMPA ELECTRIC

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BUREAU OF AIR REGULATION

March 15, 2004

Ms. Diana Lee  
Environmental Protection Commission  
of Hillsborough County  
1410 21<sup>st</sup> Street  
Tampa, Florida 33605

Via FedEx  
Airbill No. 7911 7976 3427

**Re: Tampa Electric Company  
Big Bend Station  
Permit No. 0570039-010-AV  
E.U. ID 30 – Cyclone Collectors (Rotoclones) for Fuel Crushers  
Follow-up for the Request for Authorization**

Dear Ms. Lee:

This is a follow up letter to notify you that the repairs to the rotoclone associated with conveyor T2 were made and the equipment was placed back into service on March 12, 2004. The equipment outage occurred for approximately ten days from March 2, 2004. The T1 and T2 are parallel belts which convey coal from the blending bins, to a crusher (each belt has a crusher), or diverted directly to the tripper room. Particulate matter (PM) emissions from the two crushers and transfer tower are controlled by two rotoclones. While the rotoclone was off-line for repairs, TEC did not operate conveyor T2. Conveyor T1 and its associated rotoclone continued to operate to provide coal to the Big Bend Units during the equipment outage. Therefore, TEC neither circumvented pollution control equipment nor planned on circumventing pollution control equipment because conveyor T1 and its associated rotoclone were in service throughout the maintenance period.

Initially, an authorization was requested in a letter dated March 2, 2004 regarding an equipment outage for the Cyclone Collectors (Rotoclones) for Fuel Crushers, emission unit identification 030 (E.U. ID 030). TEC was concerned that in the event of an emergency situation, such as a malfunction of conveyor T1 or the need to bunker additional fuel to prevent the shutdown of a unit at Big Bend Station, conveyor T2 may be required to operate without the permitted pollution control equipment. Therefore, in an effort to be proactive, TEC sent a request for authorization to temporarily operate the fuel crusher for conveyor T2 without a rotoclone if a malfunction were to occur with conveyor T1 or there were need to bunker additional fuel to prevent the shutdown of a unit at Big Bend Station. TEC originally proposed to notify the Environmental Protection Commission of Hillsborough County (EPCHC) within 24 hours if such an emergency occurred and

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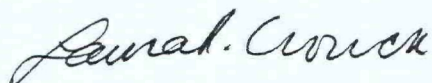
CUSTOMER SERVICE:  
HILLSBOROUGH COUNTY (813) 223-0800  
OUTSIDE HILLSBOROUGH COUNTY 1 (888) 223-0800

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perform a daily visible emissions (VE) test to ensure the 20% opacity requirements were met until the repairs were complete and the rotoclone was placed back into service.

If you have any questions, please contact Ms. Shelly Castro or me at (813) 228-4408.

Sincerely,



Laura R. Crouch  
Manager - Air Programs  
Environmental, Health & Safety

EA/bmr/SSC181

cc: **Mr. Al Linero - FDEP**  
Mr. Jerry Kissel - FDEP SW  
Mr. Buck Oven - FDEP  
Mr. Scott Sheplak - FDEP  
Mr. Sterlin Woodard - EPCHC  
Mr. Jeff Simms - EPCHC