



TAMPA ELECTRIC

March 2, 2004

Ms. Diana Lee
Air Engineering Department
Environmental Protection Commission
of Hillsborough County
1410 North 21st Street
Tampa, Florida 33605

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

Dear Ms. Lee:

Effective March 2, 2004, TEC will only take conveyor T2 and the associated rotoclone, emission unit identification 30 (E.U. I.D. 030), out of service for required maintenance on the T2 rotoclone at Big Bend Station. The estimated time for the rotoclone to be out of service is two weeks. Conveyor T1 and its associated rotoclone will continue to operate to provide coal to the Big Bend Units. 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. Therefore, TEC is neither circumventing pollution control equipment nor planning on circumventing pollution control equipment because conveyor T1 and its associated rotoclone are expected to be in service throughout the maintenance period.

However, TEC is 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 is requesting authorization to temporarily operate the fuel crusher for conveyor T2 without a rotoclone if a malfunction were to occur with conveyor T1 or there is a need to bunker additional fuel to prevent the shutdown of a unit at Big Bend Station. TEC is proposing to notify the Environmental Protection Commission of Hillsborough County (EPCHC) within 24 hours if such an emergency occurs and perform a daily visible emissions (VE) test to

TAMPA ELECTRIC COMPANY
P. O. BOX 111 TAMPA, FL 33601-0111

AN EQUAL OPPORTUNITY COMPANY
[HTTP://WWW.TAMPAELECTRIC.COM](http://www.tampaelectric.com)

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BUREAU OF AIR REGULATION

Via FedEx

Airbill No. 8444 1250 8905

(813) 228-4111

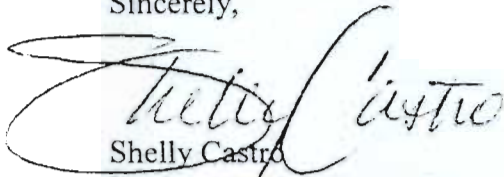
CUSTOMER SERVICE:
HILLSBOROUGH COUNTY (813) 223-0800
OUTSIDE HILLSBOROUGH COUNTY 1 (888) 223-0800

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ensure the 20% opacity requirements are met until the repairs are complete and the rotoclone is placed back into service.

TEC appreciates your immediate attention to this matter. If you have any questions, please contact me at (813) 228-4408.

Sincerely,



Shelly Castro
Engineer - Air Programs
Environmental, Health & Safety

EA/bmr/SSC

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