



TAMPA ELECTRIC

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BUREAU OF AIR REGULATION

September 7, 2007

Ms. Trina Vielhauer
Chief, Bureau of Air Regulation
Florida Department of Environmental Protection
111 South Magnolia Avenue, Suite 4
Tallahassee, Florida 32301

Via FedEx
Airbill No. 7913 8299 2166

**Re: Tampa Electric Company - Big Bend Station
Title V Permit Number 0570039-017-AV
Notification of Change Without Permit Revision
Unit 3 and Unit 4 Stack/Scrubber Reconfiguration Description**

Dear Ms. Vielhauer:

This notice serves as a Change Without Permit Revision request, pursuant to 62-213.420 FAC, to update the flue gas path descriptions of Unit 3 and Unit 4 in Subsections A and B in the Title V permit.

Currently, Units 3 and 4 share a common Flue Gas Desulfurization (FGD) scrubber (towers A, B, C, D) and common stacks (CS002 and CS003). During normal operation, flue gases from Units 3 and 4 are routed to this common scrubber. The treated flue gases exit the scrubber and are then discharged through the common stacks.

As per the Consent Decree, during any calendar year from 2000 through 2009, TEC may operate Unit 3 in cases of outages of the scrubber serving Unit 3 for no more than 30 calendar days. After 2009, TEC must scrub all exhaust gases from Unit 3 or shut the unit down. In order to be able to perform maintenance on one of the units while the other unit is operating, the common scrubber must be split. As a consequence, the towers will also be split and the duct work reconfigured, dedicating a stack to each unit.

In November 2007, Unit 3 will go into an approximate 6 month outage (returning April 2008) to complete installation of the SCR and perform the scrubber tower separation. In December 2007, Unit 4 will also go into a short 1 week outage to complete the duct work split needed for the tower separation. When Unit 3 and Unit 4 return from their respective outages, each unit will have its own dedicated scrubber and stack. Towers A and B will serve Unit 3 and Towers C and D will serve Unit 4. CS003 will be dedicated to Unit 3 (stack will be renamed BB03) and CS002 will be dedicated to Unit 4 (stack will be renamed BB04).

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

(813) 228-4111

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TEC will be working with the CEM Software vendor and EPA to update the Monitoring Plans and Electronic Data Reports (EDRs) with the related stack designations on the Unit 3 & 4 CEM Systems.

Please contact Sharon Good at (813) 228-4654 if you have any questions or comments regarding this administrative amendment.

Sincerely,

A handwritten signature in black ink, appearing to read 'Byron Burrows', with a long horizontal flourish extending to the right.

Byron Burrows, P.E. BCEE
Manager – Air Programs
Environmental, Health & Safety

EHS/rk/SCG191

cc: Ms. Mara Grace Nasca, FDEP SW
Mr. Al Linero, FDEP
Mr. Lynn Robinson, EPCHC



FACSIMILE TRANSMITTAL SHEET

ENVIRONMENTAL, HEALTH & SAFETY DEPARTMENT

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DATE: 9/25/07

X FOR IMMEDIATE DELIVERY

TO: Cindy Phillips

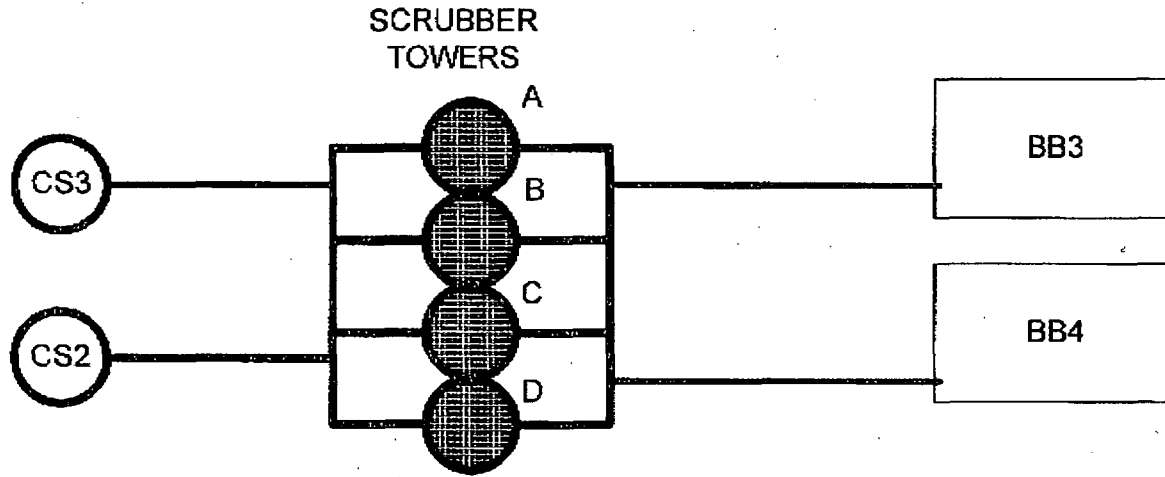
COMPANY: DEP

NUMBER OF PAGES (Including cover page): 2

FROM: Sharon Good

COMMENTS: _____

BB3 & 4 BEFORE DUCT SPLIT



BB3 & 4 AFTER DUCT SPLIT

