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AIR REGULATION

April 21, 2011

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

Via FedEx  
Air Bill No. 7946 7793 4470

**Re: Tampa Electric Company - Big Bend Station  
Title V Permit Number 0570039-039-AV  
Big Bend FGD Gypsum Fines Filter Project  
Notification of Change without Permit Revision**

Dear Ms. Vielhauer:

The purpose of this correspondence is to notify the Florida Department of Environmental Protection (Department) pursuant to 62-213.410 (2) F.A.C. that Tampa Electric Company (TEC) will be upgrading the gypsum fines dewatering system to improve the quality of the gypsum byproduct sold to a local wall board manufacturer. The dewatering upgrade will result in additional handling procedures not currently conducted at the facility. The upgrade will not result in additional emissions and will remain an unregulated source of emissions pursuant to 0570039-039-AV.

The existing gypsum fines are currently dewatered with plate and frame press then loaded directly into trucks and transported off-site. The proposed dewatering modifications will dewater the fines using new horizontal belt filter presses (HBF). The byproduct will be conveyed to a covered bunker and loaded directly into the trucks using front end loaders.

The additional handling procedure is considered exempt from permitting requirements pursuant to Rule 62-210.300(3)(b)1., F.A.C., *Generic Emission Unit or Activity Exemption* since all the criteria are satisfied. The operation change also meets the major source exemption requirements set forth in Rule 62-213.430(6)(b)1-3., F.A.C., *Insignificant Emissions Units or Pollutant-Emitting Activities*. Consequently, TEC believes this notification fulfills the requirements under 62-213.410 (2), F.A.C.

Ms. Trina Vielhauer

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Please contact me at (813) 228-4232 or Byron Burrows at (813) 228-1282, if you have any questions or comments regarding this permitting applicability assessment.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Velasco". The signature is fluid and cursive, with the first name "Robert" being more prominent than the last name "Velasco".

Robert A. Velasco, P.E., BCEE  
Air Programs  
Environmental, Health & Safety  
Tampa Electric Company

EHS/rlk/RAV100

Enclosure

cc: Cindy Zhang-Torres, FDEP SW District  
Diana Lee, EPCHC

**Professional Engineer Certification**

1. Professional Engineer Name: Robert A. Velasco, P.E.

Registration Number: 57190

2. Professional Engineer Address...

Organization/Firm: Tampa Electric Company

Street Address: P.O. Box 111

City: Tampa

State: FL

Zip Code: 33601

3. Professional Engineer Telephone Numbers...

Telephone: (813) 228 - 4232

Fax: (813) 228 - 1308

4. Professional Engineer E-mail Address: ravelasco@tecoenergy.com

5. Professional Engineer Statement:

*(1) Engineering opinion and information included herein provides reasonable assurance of meeting the requirements of the Title V permit and Chapter 62-213.410 (2) F.A.C.;*

*(2) Title V Notification of Change without Permit Revision is based on information best available information and is believed to be correct to the best of the Engineer's knowledge;*

*(3) Emission information is based on acceptable techniques available for calculating emissions or estimating emissions of unregulated emission units from materials, information and calculations contained in this certification; and*

*(4) Seal does not certify or attest to the accuracy of work or information prepared by others who are qualified to perform such services.*



\_\_\_\_\_  
Signature/Date

(seal)