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AIR REGULATION

June 16, 2011

Elizabeth Walker
FDEP Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road MS 5505
Tallahassee, Florida 32399-2400

Via FedEx
Airbill No. 7948 7179 7580

0570039-047-AC

**Re: PE Signature Document
DOE Carbon Capture & Release Project
Air Construction Permit Application No. 2959-1
Tampa Electric Company - Big Bend Station
Facility ID No. 0570039**

Dear Ms. Walker:

Tampa Electric Company is submitting the PE Signature Document for Permit Application No. 2959-1 pursuant to the email, dated June 16, 2011.

Please contact me at (813) 228-4232 or Byron Burrows at (813) 228-1282, if you have any questions.

Sincerely,

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

EHS/rk/RAV104

Enclosure

Electronic Permit Submittal and Processing System (EPSAP) Professional Engineer Signature Document

"This document is signed and sealed to secure the data in this permit application and any attached files that were submitted electronically as described in Florida Department of Business and Professional Regulation, Board of Professional Engineers, Procedures for Signing and Sealing Electronically Transmitted Plan, Specifications, Reports or other Documents, Rule 61G15-23.003., F.A.C.."

EPSAP Application Number: 2959-1
 Facility Identification Number: 0570039
 Facility Owner/Company Name: TAMPA ELECTRIC COMPANY

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Purpose of Application:
 Air construction permit.

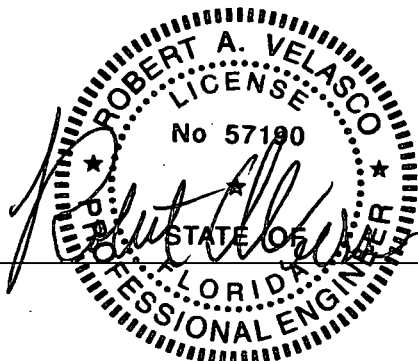
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Signature File Created: 6/15/2011 11:37:49 PM

| File Description | Authentication Code |
|--|--|
| Submitted Application Data | CA0CAB22DF8400C5BDBCA958B49DCEEC2A8815EF |
| Uploaded Facility Documents: | |
| No 2 Fuel Boiler Catalogue Sheets.pdf | 2659BD03F8DC539D2110F92F7731BC5B6BAE5C9B |
| Proposed Electric Boiler Catalogue Sheets.pdf | E388816C47A53F2A0F32305ED5367C995455D118 |
| drawing 3996-1-004B.pdf | 91A0FF3639091E83A71201DD4DD7AE0753F4F6AB |
| drawing 3996-1-001D.pdf | 47913CAB6C365B7F6AB97349AD555B75D4484B41 |
| Siemens 3D view 1.pdf | 09A9E7704967DD1BADFB0B662B3117F1012672C6 |
| Siemens 3D view 2.pdf | 13C7509A44D2759475C912772C82E7F6B6EA7146 |
| MSDS Amino Acid Salt Solution.pdf | 25A10429DC2E3DDBF1E4DB538041A476AA42CE5C |
| Drawing 3996-3-021.pdf | DB946919ACD2380931088E360C531CF23E764607 |
| Drawing 3996-3-022.pdf | 8996C9F2AB0A4981EF3C00CC9730A45E4649EC8E |
| Carbon Capture Permit Application Final.pdf | 28F31A3534AAA22381ED2E402EFCA5FFF2D425C8 |
| Drawing 3996-3-023.pdf | A33709DCB26ACBF4A14466BE982513EDDDA04E47 |
| 3996 - Mass Balance Tables.pdf | 5E656F39CED7FF39005C346A45AA488B14F5D74A |
| Wet Cooling Tower PM Calculations.pdf | A0BEE0743F1EDB219E50B048A6F5724A82262C79 |
| Cooling Tower Specifications - AG_6.pdf | E0CF8D785C9157EEAA667940A4B5A12E6FC25C6C |
| This Application Has No Uploaded Emissions Unit Documents. | |
| Final Signature File | 3233AC6BE1A7ECDD3EBEB62CF85A9B2D44A6E0D7 |

Professional Engineer (PE): ROBERT VELASCO License No: 57190

(sign and affix PE seal below)



PE Signature

Date 6/16/11

*Carbon Capture & Release Demonstration Project
 Certification Exceptions*

1. Engineering opinion and information included herein provides reasonable assurance of meeting the requirements of the Air Construction Permit;
2. Engineering data contained herein is based on the best available information at the time of the application 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.

Velasco, Robert A.

From: EPSAP@dbprod.dep.state.fl.us
Sent: Thursday, June 16, 2011 9:19 AM
To: Velasco, Robert A.
Subject: FDEP - AIR Permit PE Signature Document Required

Our records show that you are the Professional Engineer for the following EPSAP Air Permit application:

Application number: 2959-1
Submitted on: 16-JUN-11
Facility: TAMPA ELECTRIC COMPANY

The Responsible Official or Owner/Authorized Representative has submitted this application to the permitting authority, therefore, it is now time for you to sign, seal, and mail in your PE Signature Document as specified in Rule 61G15-23.003, Florida Administrative Code.

The application will be deemed incomplete if the sealed PE Signature Document is not received during the initial completeness review time period. Only the most recently generated PE Signature Document should be mailed in to the permitting authority. If you have misplaced your most recent PE Signature Document, please note that you can re-print it from the EPSAP Main Menu if necessary.

Please send your signed and sealed PE Signature Document to the following address:

Office Name: FDEP Bureau of Air Regulation
Office Location: 2600 Blair Stone Road MS 5505
Tallahassee, Florida 32399-2400
Office Phone: 850-717-9093

Primary Contact: Elizabeth Walker
Primary Contact email: Elizabeth.Walker@dep.state.fl.us

Secondary Contact: Judy Howes
Secondary Contact email: judyh@brandtinfo.com

Secondary Contact: Kris Lanh
Secondary Contact email: kris.lanh@dep.state.fl.us

Secondary Contact: Jeff Koerner
Secondary Contact email: jeff.koerner@dep.state.fl.us

Secondary Contact: Jonathan Holtom
Secondary Contact email: jonathan.holtom@dep.state.fl.us

Secondary Contact: Al Linero
Secondary Contact email: Alvaro.Linero@dep.state.fl.us

Secondary Contact: Barbara Friday
Secondary Contact email: barbara.friday@dep.state.fl.us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Herschel T. Vinyard Jr. is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Copy the url below to a web browser to complete the DEP survey: <http://survey.dep.state.fl.us/?refemail=EPSAP@dbprod.dep.state.fl.us> Thank you in advance for completing the survey.