



TAMPA ELECTRIC

February 28, 2011

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BUREAU OF AIR REGULATION

Mr. Scott Sheplak
Florida Department of Environmental Protection
Division of Air Resource Management
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301

Via FedEx
Airbill No. 7944 7363 4725

Re: Tampa Electric Company
Polk Power Station
Permit No. 1050233-026-AV
PSD Applicability Monitoring Report

Dear Mr. Sheplak:

Enclosed please find the PSD applicability monitoring emissions compliance report for Polk Power Station. This is the second full calendar year (CY 2010) following resumption of regular operations in which construction activities occurred, resulting in an increased capability of utilizing a petcoke blend ratio up to 85%.

As identified in the increase petcoke permit's application the baseline or preconstruction annual emissions was:

Baseline Actual Emissions (Unit 1 & Unit 4)

SO ₂ (tpy)	H ₂ SO ₄ Mist (tpy)
1,087.6	104.8

The calendar year 2010 actual emissions were:

2010 Actual Emissions (Unit 1 & Unit 4)

SO ₂ (tpy)	H ₂ SO ₄ Mist (tpy)
1,311.2	104.9

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

(813) 228-4111

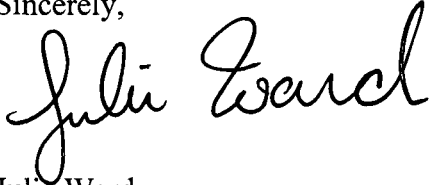
AN EQUAL OPPORTUNITY COMPANY
HTTP://WWW.TAMPAELECTRIC.COM

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

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The increase in emissions of sulfur dioxide (SO₂) and sulfuric acid mist (H₂SO₄) can be attributed to the increase in operating hours of E.U. ID -001 compared to the baseline as well as E.U. ID -004. Please contact me with any questions at 813-228-4740.

Sincerely,

A handwritten signature in black ink that reads "Julie Ward". The signature is written in a cursive style with a large, looped initial "J".

Julie Ward
Engineer
Air Programs
Environmental, Health & Safety

EHS/rk/JMW274