



TAMPA ELECTRIC
February 26, 2010

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BUREAU OF AIR REGULATION

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

Via FedEx
Airbill No. 7984 2805 9200

**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 first full calendar year (CY 2009) 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 2009 actual emissions were:

2009 Actual Emissions (Unit 1 & Unit 4)

SO ₂ (tpy)	H ₂ SO ₄ Mist (tpy)
1,061.7	84.7

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There was not a significant emissions increase of sulfur dioxide (SO₂) or sulfuric acid mist (H₂SO₄) when compared to the past actual preconstruction projection levels. Please contact me with any questions at 813-228-4433.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Ellwein', with a stylized, cursive script.

Joshua Ellwein, P.E.
Air Programs
Environmental, Health & Safety

EHS/rfk/JDE150