



TAMPA ELECTRIC

February 27, 2009

Mr. Bill Schroeder
Florida Department of
Environmental Protection, Southwest District
13051 N. Telecom Parkway
Temple Terrace, FL 33637

**Re: Tampa Electric Company (TEC)
Polk Power Station Sulfuric Acid Plant
Polk Power Station Unit 1 SynGas
Stack Emission Compliance Test Reports
Permit No. 1050233-022-AV
Permit No. 1050233-018-AC
AIRS #1050233, E.U. ID #001 & 004**

Dear Mr. Schroeder:

According to conditions of the permits cited above TEC is required to perform a formal compliance test demonstrating compliance for units and pollutants listed below:

Compliance Test:

Unit 1 – Synthetic Gas (*E.U. I.D. 001*)

Pollutants: VOC, SAM, and NOx and SO2 from CEMS

Compliance Test:

Sulfuric Acid Plant (*E.U. I.D. 004*)

Pollutants: SO₂ and SAM

Enclosed please find the emissions compliance reports for the tests performed January 14-16th, 2009.

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

AN EQUAL OPPORTUNITY COMPANY
TAMPAELECTRIC.COM

RECEIVED

MAR 06 2009

BUREAU OF AIR REGULATION

Via FedEx
Airbill No. 7973 7302 7138

-file-

(813) 228-4111

CUSTOMER SERVICE:
HILLSBOROUGH COUNTY (813) 223-0800
POLK COUNTY (863) 299-0800
ALL OTHER COUNTIES 1 (888) 223-0800

Mr. Bill Schroeder

February 27, 2009

Page 2 of 2

With the exception of the volatile organic compounds (VOC), the test results demonstrate compliance with applicable emission standards. For VOC, our evaluation indicates that the EPA method 18 results do not reflect actual emissions. The VOC was speciated by the laboratory and the compounds identified (siloxanes) could not chemically result from this process. Furthermore EPA method 25A was conducted concurrently to the EPA method 18 and the results were below the detection limit. This data is in Appendix A of the attached report.

As discussed during our February 18, 2009, meeting TEC is compiling a complete overview of the recent compliance testing at Polk Power Station and will follow up with you as soon as it is complete.

If you have any questions, please contact Julie Ward or me at (813) 228-4740.

Sincerely,

A handwritten signature in black ink, appearing to read 'Byron T. Burrows', with a stylized, cursive script.

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

EHS/rk/PPS110

Enclosure

cc: Rhonda Hughes, FDEP (enc)
Scott Sheplak, FDEP