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AUG 10 2011

DIVISION OF AIR
RESOURCE MANAGEMENT

August 9, 2011

Ms. Danielle Henry
Southwest District
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637

Via FedEx
Airbill No. 7950 6010 8671

Mr. Syed Arif
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Via FedEx
Airbill No. 7950 6011 2711

Re: **Tampa Electric Company**
Polk Power Station
Solid Fuel Handling System
Annual VE Test Report
Permit #1050233-026-AV
E.U. ID #005

Dear Sir or Madam:

According to the above referenced permit condition D.4 of the Title V Permit, Tampa Electric Company shall perform an annual Visible Emission (VE) test during the federal fiscal year to satisfy the periodic monitoring requirements of these conditions.

Enclosed, please find a copy of the VE compliance test report for the above referenced facility along with the Responsible Official Certification Page. As summarized in the report, the average opacity for:

- **Solid Fuel Handling System (E.U. ID 005)** was 0%, which is in compliance with Section 62-296.320(4)(b)1, Florida Administrative Code (F.A.C.), limit of 5 percent opacity.

If you have any questions concerning this letter, please contact me at (813) 228-4740.

Sincerely,

Julie Ward
Engineer, Air Programs
Environmental, Health & Safety

EHS\WIK\VE TEST\2011\PPS103

Enclosure

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

(813) 228-4111

AN EQUAL OPPORTUNITY COMPANY
TAMPAELECTRIC.COM

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

| SOURCE NAME | | SOURCE LOCATION | | OBSERVATION DATE | | | START TIME | | STOP TIME | | | | |
|---|--|------------------------|--|------------------|--|-----|------------|------|-----------|-----|--|---|--|
| POLK POWER | | POLK COUNTY, FL | | 8/3/2011 | | | 0753 | | 0926 | | | | |
| TYPE OF FACILITY | | | | SEC. | | MIN | | SEC. | | MIN | | | |
| SOLID FUEL HANDLING E.U. 005 | | | | 0 | | 15 | | 30 | | 45 | | | |
| DISTANCE FROM OBSERVER | | | | 1 | | 31 | | | | | | | |
| ~ 50' | | | | 0 | | 0 | | 0 | | 0 | | | |
| SKY CONDITIONS/PLUME BACKGROUND | | | | 2 | | 32 | | | | | | | |
| PARTLY CLOUDY | | | | 0 | | 0 | | 0 | | | | | |
| <p>SOURCE LAYOUT SKETCH DRAW NORTH ARROW</p> <p>WIND →</p> <p>SUN ← WIND →</p> | | | | 3 | | 33 | | | | | | | |
| | | | | 4 | | 34 | | 0 | | 0 | | 0 | |
| | | | | 5 | | 35 | | 0 | | 0 | | | |
| | | | | 6 | | 36 | | | | | | | |
| | | | | 7 | | 37 | | 0 | | 0 | | 0 | |
| | | | | 8 | | 38 | | 0 | | | | | |
| | | | | 9 | | 39 | | | | | | | |
| | | | | 10 | | 40 | | 0 | | 0 | | 0 | |
| | | | | 11 | | 41 | | 0 | | 0 | | 0 | |
| | | | | 12 | | 42 | | 0 | | | | | |
| AVERAGE OPACITY | | | | 13 | | 43 | | | | | | | |
| 0 | | | | | | | | | | | | | |
| WIND SPEED (EST.) | | WIND DIRECTION (EST.) | | 14 | | 44 | | | | | | | |
| CALM 3 MPH | | S-SW | | 0 | | 0 | | 0 | | 0 | | | |
| OBSERVER'S NAME (PRINT) | | | | 15 | | 45 | | | | | | | |
| MIKE PERKINS | | | | 0 | | 0 | | | | | | | |
| OBSERVER'S SIGNATURE | | DATE | | 16 | | 46 | | | | | | | |
| Mike Perkins | | 8/3/2011 | | | | | | | | | | | |
| COMMENTS | | | | 17 | | 47 | | | | | | | |
| TRUCK #1 C 14551 0753-0756 | | | | 0 | | 0 | | 0 | | 0 | | | |
| TRUCK #2 C 14548 0758-0801 | | | | 0 | | | | | | | | | |
| TRUCK #3 C 14545 0822-0824 | | | | 18 | | 48 | | | | | | | |
| TRUCK #4 C 14547 0841-0845 | | | | 19 | | 49 | | | | | | | |
| TRUCK #5 C 14552 0847-0850 | | | | 20 | | 50 | | | | | | | |
| TRUCK #6 C 14542 0924-0926 | | | | 21 | | 51 | | | | | | | |
| COPY OF VISIBLE EMISSIONS CERTIFICATION CARD | | | | 22 | | 52 | | | | | | | |
| EASTERN TECHNICAL ASSOCIATES | | | | 23 | | 53 | | | | | | | |
| MIKE PERKINS | | | | 24 | | 54 | | | | | | | |
| PER866220 STUDENT ID NUMBER | | | | 25 | | 55 | | | | | | | |
| met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue and expires on the date below. | | | | 26 | | 56 | | | | | | | |
| TAMPA, FL | | 2/9/2011 | | 391752 | | 27 | | 57 | | | | | |
| SCHOOL LOCATION: | | DATE OF SCHOOL | | CERT NUMBER | | 28 | | 58 | | | | | |
| TMPF08 | | 8/11/2011 | | | | 29 | | 59 | | | | | |
| LAST LECTURE | | CERTIFICATION EXP DATE | | BEARER | | 30 | | 60 | | | | | |