



D. E. R.

SEP 18 1989

SOUTHWEST DISTRICT
TAMPA

September 15, 1989

Richard D. Garrity, Ph.D.
Florida Department of
Environmental Regulation
Southwest District
4520 Oak Fair Boulevard
Tampa, FL 33610-7347

Air Engineering Department
Environmental Protection Commission
of Hillsborough County
1410 N. 21st Street
Tampa, FL 33605

Re: Tampa Electric Company
F.J. Gannon Station
Visible Emission Test
Units 5-6 Flyash Silo
Permit No. A029-80046

Gentlemen:

Enclosed please find a copy of a visible emissions (VE) compliance test report for the above referenced facility. The VE test was performed September 6, 1989, as scheduled following notification to the Environmental Protection Commission of Hillsborough County. As summarized in the report, the average opacity was zero percent (0%) which is in compliance with the Florida Administrative Code (F.A.C.) 17-2.650 limit of five percent (5%) opacity.

If you have any questions concerning this report, please contact me.

Sincerely,

Jerry L. Williams
Director
Environmental

JLW/ams/NN121.DOC

Enclosure

| SOURCE NAME | | SOURCE LOCATION | | OBSERVATION DATE | | | | START TIME | | | | STOP TIME | | | |
|--|--|--|--|------------------|--|----|--|------------|--|--|--|-----------|--|--|--|
| TECO | | GANNON | | 9/6/89 | | | | 10:30 AM | | | | 10:55 AM | | | |
| TYPE OF FACILITY | | SEC. | | MIN | | | | SEC | | | | | | | |
| No. 1 Fly Ash Silo | | Silo | | 0 15 30 45 | | | | 0 15 30 45 | | | | | | | |
| DISTANCE FROM OBSERVER | | 1 000 FT. | | | | | | | | | | | | | |
| SKY CONDITIONS/PLUME BACKGROUND | | CLEAR TO PARTLY CLOUDY | | | | | | | | | | | | | |
| SOURCE LAYOUT SKETCH | | DRAW NORTH ARROW | | | | | | | | | | | | | |
| <p>X EMISSION POINT OBSERVERS POSITION 140° SUN LOCATION LINE SUN → WIND →</p> | | | | | | | | | | | | | | | |
| AVERAGE OPACITY | | 0% | | | | | | | | | | | | | |
| WIND SPEED (EST.) | | WIND DIRECTION (EST.) | | | | | | | | | | | | | |
| ~ 2 → 5 m.p.h. | | WNW | | | | | | | | | | | | | |
| OBSERVER'S NAME (PRINT) | | ANETHA LUE | | | | | | | | | | | | | |
| OBSERVER'S SIGNATURE | | DATE | | | | | | | | | | | | | |
| <i>Anetha Lue</i> | | 9/6/89 | | | | | | | | | | | | | |
| COMMENTS | | UNIT LOAD #5 = 190 MW UNIT LOAD #6 = 343 MW BURNERS OFF - 8:45 AM BURNERS ON - 10:30 AM All All to Silo. | | | | | | | | | | | | | |
| COPY OF VISIBLE EMISSIONS CERTIFICATION CARD | | | | | | | | | | | | | | | |
| <p>STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION</p> <p>THIS IS TO CERTIFY THAT</p> <p><u>ANETHA LUE</u> has completed the STATE OF FLORIDA visible emissions evaluation training and is a qualified observer of visible emissions as specified by EPA reference method 9.</p> <p>THIS CERTIFICATE EXPIRES Sep 8, 1989</p> <p><i>Michael R. Clark</i> CERTIFICATE OFFICER <i>Anetha Lue</i> BEARER'S SIGNATURE</p> | | 22 | | | | 52 | | | | | | | | | |
| | | 23 | | | | 53 | | | | | | | | | |
| | | 24 | | | | 54 | | | | | | | | | |
| | | 25 | | | | 55 | | | | | | | | | |
| | | 26 | | | | 56 | | | | | | | | | |
| | | 27 | | | | 57 | | | | | | | | | |
| | | 28 | | | | 58 | | | | | | | | | |
| | | 29 | | | | 59 | | | | | | | | | |
| | | 30 | | | | 60 | | | | | | | | | |

D.E.R.
SEP 15 1989
SOUTH WEST DISTRICT
TAMPA