



D.E.R.
MAY 07 1992
Southwest District Tampa

A029-213009

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

AIR POLLUTION SOURCES
CERTIFICATE OF COMPLETION OF CONSTRUCTION*

PERMIT NO. A029-160258 DATE: April 30, 1992

Company Name: Tampa Electric Company County: Hillsborough

Source Identification(s): F.J. Gannon Station -- Fly Ash Silo #1

Actual costs of serving pollution control purpose: \$ N/A

Operating Rates: 120 -180 tn/hr¹ Design Capacity: 240 tn/hr

Expected Normal 120 - 180 tn/hr During Compliance Test 161 tn/hr²

Date of Compliance Test: April 28, 1992 (Attach detailed test report)

| Test Results: | Pollutant | Actual Discharge | Allowed Discharge |
|---------------|-----------------------------|-----------------------------|-----------------------------|
| | <u>Particulates</u> | <u>1%</u> | <u>5% Opacity</u> |
| | <u> </u> | <u> </u> | <u> </u> |
| | <u> </u> | <u> </u> | <u> </u> |

Date plant placed in operation: Unit 5 - 1965 Unit 6 - 1967

This is to certify that, with the exception of deviations noted**, the construction of the project has been completed in accordance with the Letter of Authorization application for construction permit No. dated September 12, 1992.

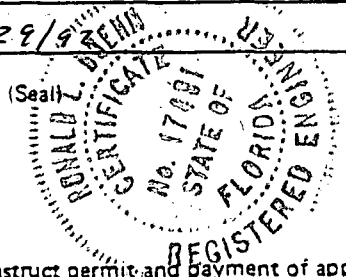
A. Applicant:
Lynn F. Robinson, Manager, Environmental
Name of Person Signing (Type) Lynn F. Robinson
Signature of Owner or Authorized Representative and Title

Date: 4/29/92 Telephone: (813) 228-4841

B. Professional Engineer:
Ronald L. Boehm
Name of Person Signing (Type) Ronald L. Boehm
Signature of Professional Engineer

Tampa Electric Company
Company Name Florida Registration No. 17491
Date: 4/29/92

P.O. Box 111, Tampa, Florida 33601
Mailing Address
(813) 228-4111
Telephone Number



*This form, satisfactorily completed, submitted in conjunction with an existing application to construct permit and payment of application processing fee will be accepted in lieu of an application to operate.

**As built, if not built as indicated include process flow sketch, plot plan sketch, and updates of applicable pages of application form.

¹ Estimated pug mill unloading rate range.

² Average pug mill unloading rate of both trucks. See visible emission test.

| SOURCE NAME | | SOURCE LOCATION | | OBSERVATION DATE | | | | START TIME | | STOP TIME | | | |
|-----------------------------|-----|-----------------------------|----|---------------------------------|----|----------------------|-----|--|----|---|----|--|--|
| TECO | | Gannon | | 4/28/92 | | | | 9:30 | | 10:00 | | | |
| TYPE OF FACILITY | | DISTANCE FROM OBSERVER | | SKY CONDITIONS/PLUME BACKGROUND | | SOURCE LAYOUT SKETCH | | DRAW NORTH ARROW | | AVERAGE OPACITY - | | | |
| Silo 1 Pqg Mill | | 50 feet | | blue | | | | | | 1% | | | |
| WIND SPEED (EST.) | | WIND DIRECTION (EST.) | | OBSERVER'S NAME (PRINT) | | OBSERVER'S SIGNATURE | | DATE | | COMMENTS | | | |
| 15-20 mph | | NE | | Cindy Barringer | | Cindy Barringer | | 4/28/92 | | #5 354 MW #2 377 MW | | | |
| 9:30 in / 9:40 Truck out #1 | | 9:41 in / 9:50 Truck out #2 | | truck 1 51160 lbs | | truck 2 50760 lbs | | COPY OF VISIBLE EMISSIONS CERTIFICATION CARD | | <p align="center">STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION</p> <p align="center">THIS IS TO CERTIFY THAT</p> <p>_____ 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 _____</p> <p><i>Michael P. Clark</i> <i>Cindy Barringer</i> CERTIFICATE OFFICER BEARER'S SIGNATURE</p> | | | |
| SEC. | MIN | 0 | 15 | 30 | 45 | SEC. | MIN | 0 | 15 | 30 | 45 | | |
| 1 | 0 | 5 | 5 | 0 | 31 | 2 | 0 | 0 | 0 | 5 | 32 | | |
| 3 | 0 | 0 | 0 | 5 | 33 | 4 | 5 | 5 | 5 | 0 | 34 | | |
| 5 | 0 | 0 | 5 | 0 | 35 | 6 | 0 | 0 | 0 | 0 | 36 | | |
| 7 | 0 | 0 | 5 | 0 | 37 | 8 | 0 | 0 | 0 | 0 | 38 | | |
| 9 | 0 | 0 | 0 | 0 | 39 | 10 | 0 | 0 | 0 | 0 | 40 | | |
| 11 | 0 | 0 | 0 | 0 | 41 | 12 | 0 | 0 | 0 | 5 | 42 | | |
| 13 | 0 | 5 | 0 | 0 | 43 | 14 | 0 | 0 | 0 | 0 | 44 | | |
| 15 | 0 | 0 | 5 | 5 | 45 | 16 | 5 | 10 | 5 | 5 | 46 | | |
| 17 | 5 | 5 | 0 | 0 | 47 | 18 | 0 | 0 | 5 | 0 | 48 | | |
| 19 | 0 | 0 | 0 | 0 | 49 | 20 | 0 | 0 | 0 | 0 | 50 | | |
| 21 | 0 | 0 | 0 | 0 | 51 | 22 | 0 | 0 | 0 | 0 | 52 | | |
| 23 | 0 | 0 | 0 | 0 | 53 | 24 | 0 | 0 | 0 | 0 | 54 | | |
| 25 | 0 | 0 | 0 | 0 | 55 | 26 | 0 | 0 | 0 | 0 | 56 | | |
| 27 | 0 | 0 | 0 | 0 | 57 | 28 | 0 | 0 | 0 | 0 | 58 | | |
| 29 | 0 | 0 | 0 | 0 | 59 | 30 | 0 | 0 | 0 | 0 | 60 | | |