


MEMORANDUM

TO: FILE

THROUGH: BILL THOMAS, P.E.

THROUGH: JERRY KISSEL, P.E.

FROM: GEORGE RICHARDSON 

DATE: September 17, 1996

SUBJECT: Permit Amendment
Tampa Electric Company
DEP Processing No.: 0570040-003-AO
Reference Current Permits: A029-250137 & A029-250140

This amendment is for Gannon Station Fly Ash Storage Silos No. 1 & 2.

This amendment will allow the fly ash from either of the two silos to be either loaded into enclosed tanker trucks or the fly ash can be sent to a pugmill where it is conditioned with water and loaded into open bed trucks before it is transported to the consumer.

There will be no increase in emissions.

The EPCHC and I recommend this amendment be issued.

Permitting Application

ARMS Facility

Facility Name: **GANNON STATION** AIRS ID: **0570040**
 County: HILLSBOROUGH Owner: TECO
 Office: SW: HILLSBOROUGH Category: POINT

Project

AIR Permit #: **0570040-003-AO** Project #: **003** CRA Reference #:
 Permit Office: SWD (DISTRICT) Agency Action: Issue
 Project Name: **FLY ASH SILOS** Desc:
 Type/Sub/Req: **AO** /MM Minor Modification Logged: 01-AUG-1996
 Received: 23-JUL-1996 Issued: 18-SEP-1996 Expires: 12-JUL-1999
 NFee: 0.00 Realized: Dele: Override: PATS HISTORY

Related Party

Role: APPLICANT Begin: 01-AUG-1996 End:
 Name: TAMPA ELECTRIC COMP. SSN/FEID: Unavailable
 Addr: P O BOX 111
 City: TAMPA State: FL Zip: 33601-0111 Country:
 Phone: 813-228-4111 Fax:

Processors

Processor: RICHARDSON_G Y Active: 17-SEP-1996 Inactive:

Database has been successfully updated.

Count: *1

<Replace>

AIRS ID: 0570040 Facility: GANNON STATION
 Permit #: 0570040-003-AO Type/Subtype: AO/MM
 Project #: 003 Name: (FLY ASH SILOS)

Received: 23-JUL-1996

> Receive Request: Done

Event	Begin Date	Prd	Due Date	Rmn	Status	End Date
Receive Request	23-JUL-1996	1	24-JUL-1996		Done	23-JUL-1996
Fee Verification	23-JUL-1996	2	25-JUL-1996		Exempt	25-JUL-1996
Completeness Revie	23-JUL-1996	30	22-AUG-1996		Complete	23-JUL-1996
Determine Agency	23-JUL-1996	90	21-OCT-1996		Issue	17-SEP-1996
Issue Final Perm	17-SEP-1996	14	01-OCT-1996		Issued	18-SEP-1996
ISSUE PERMIT	18-SEP-1996	1	19-SEP-1996		Done	18-SEP-1996

Enter Event Name. Press [LIST] for valid values.

Count: *6

<List><Replace>

PERMIT APPLICATION FEE/ASSIGNMENT SHEET

Update | Emission unit | permit | project | Pollutant | related party |
 aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa ARMS Facility aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
 Office County AIRS ID
 Owner TAMPA ELEC. - GANNON Name
 Directions
 Street City ZIP -
 UTM Zone East North Latitude : :00 Longitude : :00
 Status Maj Group SIC
 Reloc N Shtdwn Dt Strt Dt Final Shutdown Dt
 Gov Fac
 AOR Req Ozone SIP Facility N Type

Help | Events | Payment | Facility | project | comment | party |
 aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa Permitting Application aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
 aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa ARMS Facility aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
 Facility Name: AIRS ID: 0570040
 County: Owner:
 Office:
 AIR Permit #: - - Project #: 003 CRA Reference #:
 Permit Office: Agency Action:
 Project Name: FLY ASH SILOS Desc:
 Type/Sub/Req: AO MM 30 CHARACTERS MAX Logged:
 Received: 7/23/96 Issued: Expires:
 Fee: Realized: Dele: Override:
 Related Party
 Role: Begin: End:
 Name: SSN/FEID:
 Addr:
 City: State: Zip: - Country:
 Phone: Fax:
 Processor: Active: Inactive:

FEE SUBMITTED: () correct () incorrect - Should Be \$ 0
 Submitted \$ 0
 FEE CHECKED BY: JK DATE: 7/29 Needed/Refund \$ 0
 APPLICATION ASSIGNED TO: RUTLANDSON DATE: _____

	<u>Completed</u>	<u>Initials</u>
Initial Entry in ARMS:	<u>8-2</u>	<u>BC</u>
Permit Engineer Submit Permit Package to District Air Engineer:	<u>9-17-96</u>	<u>JK</u>
Permit Package to District Air Administrator:	<u>9/17/96</u>	<u>JK</u>
Permit Package to Director of District Management:	<u>9-17-96</u>	<u>JK</u>
Permit Package Mailed Out:	<u>9-18-96</u>	<u>JH.</u>
Issue Date Updated in ARMS:	<u>9-19-96</u>	<u>JA</u>

35 DYS TO SOOV 9/17/96

ARMS DATA ENTRY WORKSHEET

Facility Name _____ Facility ID No. _____

Permit No. _____ Emission Unit ID Nos. _____

Project _____

(Check)

- Construction Permit - AC Subtype _ _
- FESOP - AF Subtype _ _
- Operation Permit - AO Subtype _ _
- Title V Permit AV Subtype _ _
- Other(describe) _____

Data Required

New Facility (not in ARMS)

- Facility Data & Emission Unit Data

Existing Facility (existing ARMS)

- Facility Data
- Emission Unit Data
- Point Data

(Check)

Changes to Existing Facility

- ___ hours of operation
- ___ process rate\production rate
- ___ allowable emission limit(s). pollutant(s): _____
- ___ new pollutant(s): _____
- ___ HAPs emission rate\utilization rate
- ___ fuel type\%S content\fuel usage\MMBtu/Hr.
- ___ emission unit point(s): _____
- ___ compliance test frequency\due date\test method
- ___ Delete (describe) _____
- ___ Other (describe) _____

PERMIT PROCESSOR: _____ Date: _____

COMMENTS _____

AIRS ID: 0570040 Facility: GANNON STATION
Permit #: Type/Subtype: AO/MM Received: 23-JUL-1996
Project #: 003 Name: (FLY ASH SILOS)
Receive Request: Done

Table with columns: Event, Begin Date, Prd, Due Date, Rmn, Status, End Date. Rows include Receive Request, Fee Verification, Completeness Review, Determine Agency, Issue Final Perm.

Enter Event Name. Press [LIST] for valid values.
Count: *5 <List><Replace>



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT AMENDMENT

CERTIFIED MAIL

Mr. Patrick A. Ho, P.E.
Manager, Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111 /

Dear Mr. Ho:

Re: Air Permit Amendment Request Dated 01/18/95
DEP File Nos. AO29-250137, AO29-250139 & AO29-250140

Pursuant to the meeting between TEC, DEP & the EPCHC on 01/12/95 and your request received 01/18/95, the following amendments are hereby made in the above referenced air operating permits:

Permit Number AO29-250139, Units 1-6 Coal Bunker Rotoclones:

Specific Condition No. 4:

Change From:

4. Test the emissions from each of the six coal bunkers annually for the following pollutants within 60 days prior to or on March 29. A report of the test data shall be submitted to the Air Section of the Department's Southwest District Office and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of the testing (Rules 17-297.340 and 17-297.570, F.A.C.).

(X) Particulate Matter (X) Visible Emissions

Change To:

4. Test the emissions from each of the six coal bunkers annually for the following pollutants within 90 days prior to or on March 29. A report of the test data shall be submitted to the Air Section of the Department's Southwest District Office and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of the testing (Rules 62-297.340 and 62-297.570, F.A.C.).

(X) Particulate Matter (X) Visible Emissions

Specific Condition No. 7:

Change From:

7. Testing of emissions to show compliance shall be conducted within 90-100% of the maximum permitted rate for each of the six coal bunkers of 1,600 tons/hour. Determination of the process rate may be done by calculations, which shall be employed on a consistent basis. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10%, until another test, showing compliance at a higher rate, not to exceed the maximum permitted rate, is submitted. Any time the permitted rate of the source is exceeded by more than 10% a compliance test shall be performed within 15 days of initiation of the higher rate and the test results shall be submitted to the Department and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%, but in no case shall the maximum permitted rate be exceeded. Failure to submit the process rate and actual operating conditions in the test report may invalidate the test data (Rule 17-4.070(3), F.A.C.).

Change To:

7. Testing of emissions to show compliance shall be conducted within 90-100% of the maximum permitted rate for each of the six coal bunkers of 1,600 tons/hour. Determination of the process rate may be done by calculations, which shall be employed on a consistent basis. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10%, until another test, showing compliance at a higher rate, not to exceed the maximum permitted rate, is submitted. Any time the permitted rate of the source is exceeded by more than 10% a compliance test shall be performed within 30 days of initiation of the higher rate and the test results shall be submitted to the Department and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%, but in no case shall the maximum permitted rate be exceeded. Failure to submit the process rate and actual operating conditions in the test report may invalidate the test data (Rule 62-4.070(3), F.A.C.).

Permit Number A029-250140, F. J. Gannon Station Units 1-4 Fly Ash Silo with Baghouse:

Specific Condition No. 4:

Change From:

Mr. Patrick A. Ho, P.E.
Tampa, FL 33601-0111

Page Three

4. Test the emissions from the fly ash silo annually for the following pollutants within 60 days prior to or on March 22. A report of the test data shall be submitted to the Air Section of the Department's Southwest District Office and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of the testing (Rules 17-297.340 and 17-297.570, F.A.C.).

(X) Particulate Matter (X) Visible Emissions

Change To:

4. Test the emissions from the fly ash silo annually for the following pollutants within 90 days prior to or on March 22. A report of the test data shall be submitted to the Air Section of the Department's Southwest District Office and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of the testing (Rules 62-297.340 and 62-297.570, F.A.C.).

(X) Particulate Matter (X) Visible Emissions

**Permit Number A029-250137, F. J. Gannon Station Units 5 and 6
Fly Ash Silo with Baghouse and Pug Mill:**

Specific Condition No. 4:

Change From:

4. Test the emissions from the *fly ash silo/baghouse and **truck loading annually for the following pollutants within 60 days prior to or on March 22. A report of the test data shall be submitted to the Air Section of the Department's Southwest District Office and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of the testing (Rules 17-297.340 and 17-297.570, F.A.C.).

*(X) Particulate Matter ***(X) Visible Emissions
*(X) Visible Emissions

Change To:

4. Test the emissions from the *fly ash silo/baghouse and **truck loading annually for the following pollutants within 90 days prior to or on March 22. A report of the test data shall be submitted to the Air Section of the Department's Southwest District Office and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of the testing (Rules 62-297.340 and 62-297.570, F.A.C.).

*(X) Particulate Matter ***(X) Visible Emissions
*(X) Visible Emissions

Permit Number AO29-250137, F. J. Gannon Station Units 5 and 6
Fly Ash Silo with Baghouse and Pug Mill:

Specific Condition No. 8:

Change From:

8. Testing of emissions to show compliance shall be conducted while silo loading and truck loading are within 90-100% of the maximum loading rate of 13.5 tons/hour. Determination of process rate may be done by calculations, which shall be employed on a consistent basis. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10%, until another test, showing compliance at a higher rate, not to exceed the maximum loading rate, is submitted. Any time the permitted rate of the sources is exceeded by more than 10% a compliance test shall be performed within 15 days of initiation of the higher rate and the test results shall be submitted to the Department and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%, but in no case shall the maximum loading rate be exceeded. Failure to submit the process rate and actual operating conditions in the test report may invalidate the test data (Rule 17-4.070(3), F.A.C.).

Change To:

8. Testing of emissions to show compliance shall be conducted while silo loading and truck loading are within 90-100% of the maximum loading rate of 13.5 tons/hour. Determination of the process rate will be done by the operating procedures as outlined in Specific Condition No. 7 above and employed on a consistent basis. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10%, until another test, showing compliance at a higher rate, not to exceed the maximum loading rate, is submitted. Any time the permitted rate of the sources is exceeded by more than 10% a compliance test shall be performed within 30 days of initiation of the higher rate and the test results shall be submitted to the Department and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%, but in no case shall the maximum loading rate be exceeded. Failure to submit the process rate and actual operating conditions in the test report may invalidate the test data (Rule 62-4.070(3), F.A.C.).

Permit Number AO29-250140, F. J. Gannon Station Units 1-4 Fly
Ash Silo with Baghouse:

Specific Condition No. 8:

Change From:

8. Testing of emissions to show compliance shall be conducted within 90-100% of the maximum permitted silo loading rate of 14.5 tons/hour. Determination of process rate may be done by calculations, which shall be employed on a consistent basis. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10%, until another test, showing compliance at a higher rate, not to exceed the maximum permitted loading rate, is submitted. Any time the permitted rate of the source is exceeded by more than 10% a compliance test shall be performed within 15 days of initiation of the higher rate and the test results shall be submitted to the Department and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%, but in no case shall the maximum permitted loading rate be exceeded. Failure to submit the process rate and actual operating conditions in the test report may invalidate the test data (Rule 17-4.070(3), F.A.C.).

Change To:

8. Testing of emissions to show compliance shall be conducted within 90-100% of the maximum permitted silo loading rate of 14.5 tons/hour. Determination of the process rate will be done by the operating procedures as outline in Specific condition No. 7 above and employed on a consistant basis. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10%, until another test, showing compliance at a higher rate, not to exceed the maximum permitted loading rate, is submitted. Any time the permitted rate of the source is exceeded by more than 10% a compliance test shall be performed within 30 days of initiation of the higher rate and the test results shall be submitted to the Department and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%, but in no case shall the maximum permitted loading rate be exceeded. Failure to submit the process rate and actual operating conditions in the test report may invalidate the test data (Rule 62-4.070(3), F.A.C.).

The petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department's Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's subsequent interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit amendment. Persons whose substantial interests will be affected by any decision of the Department with regard to the permit amendment have a right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this permit amendment, in the Office of General Counsel at the above address of the Department. Failure to petition within the allotted time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code.

This permit amendment is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for an extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, Florida Administrative Code. Upon timely filing of a petition or a request for an extension of time this permit amendment will not be effective until further Order of the Department.

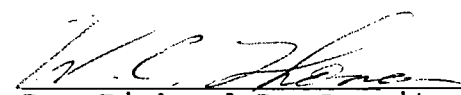
Mr. Patrick A. Ho, P.E.
Tampa, FL 33601-0111

Page Seven

When the Order (Permit Amendment) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellant Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

This amendment letter or a copy of this letter must be attached to and becomes a part of air operating permits number AO29-250137, AO29-250139 and AO29-250140. If you have any questions, please contact George Richardson in the Air Permitting Section at (813)744-6100, Ext. 105.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


for Dr. Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

3804 Coconut Palm Drive
Tampa, FL 33619-8318
(813)744-6100

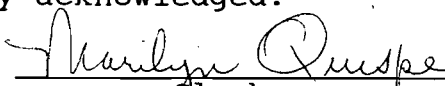
cc: Environmental Protection Commission of
Hillsborough County

CERTIFICATE OF SERVICE

The undersigned duly designated Deputy Department Clerk hereby certifies that this Notice of Permit Amendment and all copies were mailed by certified mail before the close of business on FEB 06 1995 to the listed persons.

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to Paragraph 120.52(11), Florida Statutes, with the designated Deputy Department Clerk, receipt of which is hereby acknowledged.


Clerk

FEB 06 1995
Date

MEMORANDUM

TO: FILE

THROUGH: BILL THOMAS, P.E. *JTS 2/6/95*

THROUGH: JERRY KISSEL, P.E. *[Signature]*

FROM: GEORGE RICHARDSON *[Signature]*

DATE: January 19, 1995

SUBJECT: Re: Air Permit Amendment Request Dated 01/18/95
DEP File Nos. AO29-250137, AO29-250139 & **AO29-250140**

Pursuant to the meeting between TEC, DEP & the EPCHC on 01/12/95 and the request received 01/18/95, the following amendments are hereby made in the above referenced air operating permits.

I recommend the permit amendments be issued as conditioned.



RECEIVED
JAN 18 1995

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

January 16, 1995

Mr. George Richardson
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33612

Via Facsimile & U.S. Mail

Re: Tampa Electric Company
F.J. Gannon Station
Air Operating Permits AO29-250137, AO29-250139, and **AO20-250140**

Dear Mr. Richardson:

Pursuant to our meeting on January 12, 1995, TEC and DEP have agreed to the following items:

Rotoclones Permit AO29-250139
Change Specific Condition No. ~~4~~ from:

~~4~~ 5 Compliance with.....
Coal Bunkers 5 and 6 shall be tested within 60 days prior to or on March 29, 1995.

To:

~~4~~ 5 Compliance with.....
Coal Bunkers 5 and 6 shall be tested within 90 days prior to or on March 29, 1995.

Change Specific Condition No. 7 from:

7. Testing of emissions to
Any time the permitted rate of the source is exceeded by more than 10% a compliance test shall be performed within 15 days.....

To:

7. Testing of emissions to
Any time the permitted rate of the source is exceeded by more than 10% a compliance test shall be performed within 30 days.....

Flyash Silos Permits AO29-250137 and AO29-250140

Change Specific Condition No. 8 from:

8. Testing of emissions to show compliance shall be.... *Determination of the process rate may be done by calculations, which shall be employed on a consistent basis.*

Mr. George Richardson
January 16, 1995
Page 2

To:

8. Testing of emission to show compliance shall be*Determination of the process rate will be done by operations procedures as outlined in Specific Condition No. 7 above and employed on a consistent basis.*

In addition TEC request that Specific Condition No. 4 in the flyash silos permits be changed to allow for a 90 day test window instead of a 60 day test window,

Please feel free to call Ms. Janice Taylor or me at (813) 228-4839 should you have any questions. Thank-you for your attention in this matter.

Sincerely,



Patrick A. Ho, P.E.
Manager
Environmental Planning

EP\sn\JKT700

c: Mr. J. Kessel, FDEP

cc: EPC, C Gonzalez -
APR 1/23/95

MEMORANDUM

TO: FILE

THROUGH: BILL THOMAS, P.E.

THROUGH: JERRY KISSEL, P.E. *JK*

FROM: GEORGE RICHARDSON *GR*

DATE: JULY 13, 1994

SUBJECT: Hillsborough County - AP
Tampa Electric Company
Gannon Station Units 1-4 Fly Ash Silo
AO29-250140

This permit is for the operation of F.J. Gannon Station Units 1-4 Fly Ash Silo (silo No. 2) located at Port Sutton Road, Tampa, Hillsborough County.

Particulate emissions generated during the filling of the silo are controlled by a 4,690 ACFM Allen-Sherman-Hoff Corporation Flex Kleen 84 WRW C112IIG baghouse system which is comprised of two (2) bag filters with three (3) common stacks.

Tubing is used from the silo to tanker trucks to control fugitive emissions.

TECO made some suggested changes to the draft permit that I sent to them on 6/30, see enclosed.

The sources are in compliance with the existing permit conditions.

I recommend this permit be issued as conditioned.

APPLICATION TRACKING SYSTEM

JUL 20 1994

05/05/94

APPL NO:250140

APPL RECVD:04/29/94 TYPE CODE:AD SUBCODE:1B

LAST UPDATE:05/05/94

DER OFFICE RECVD:TFA DER OFFICE TRANSFER TO:___

APPLICATION COMPLETE:___/___/___

DER PROCESSOR:AIR

APPL STATUS:AC DATE:04/29/94 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF:___ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:29

(Y/N) N OGC HEARING REQUESTED

LAT/LONG:27.54.23/82.25.20

(Y/N) N PUBLIC NOTICE REQD?

Basin-Segment:___

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

COE #:_____

(Y/N) Y LETTER OF INTENT REQD? ___ (I/ISSUE D/DENY)

ALT#:_____

PROJECT SOURCE NAME:GANNON STATION UNIT 1-4 FLYASH SILOS

STREET:PORT SUTTON RD.

CITY:TAMPA

STATE:FL

ZIP:_____

PHONE:_____

APPLICATION NAME:TAMPA ELECTRIC CO.

STREET:P O BOX 111

CITY:TAMPA

STATE:FL

ZIP:33601

PHONE:813-228-4111

AGENT NAME:SAME

STREET:_____

CITY:_____

STATE:_____

ZIP:_____

PHONE:_____

FEE #1 DATE PAID:___/___/___

AMOUNT PAID:NOFEE

RECEIPT NUMBER:_____

B	DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE	- - -	___/___/___
C	DATE DER SENT DNR APPLICATION/SENT DNR INTENT	- - -	___/___/___
D	DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP.	- - -	___/___/___
E	DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
F	DATE LAST 45 DAY LETTER WAS SENT	- - -	___/___/___
G	DATE FIELD REPORT WAS REQ--REC	- - -	___/___/___
H	DATE DNR REVIEW WAS COMPLETED	- - -	___/___/___
I	DATE APPLICATION WAS COMPLETE	- - -	4/29/94
J	DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS	- - -	___/___/___
K	DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT	- - -	___/___/___
L	DATE PUBLIC NOTICE WAS SENT TO APPLICANT	- - -	___/___/___
M	DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED	- - -	___/___/___
N	WAIVER DATE BEGIN--END (DAY 90)	- - -	___/___/___

COMMENTS:

PERMIT APPLICATION FEE/ASSIGNMENT SHEET

APPLICATION TYPE: A01B FILE PROCESSING NO: A029-250140

COMPANY: TECO-GANNON COUNTY: 29 HILLS'0
(Code/name)

DESCRIPTION/COMMENTS: FLYASH SILO NO. 2, FOR UNITS 1-4

RENEW A029-160259
 (amend/extend/transfer/etc.) and permit no., when applicable

DATE REC'D (Day 1): 4/29/94

CHECK ATTACHED: Y N Not Required

FEE SUBMITTED: (correct () incorrect - Should Be \$ 0
 Submitted \$ 0
 Needed/Refund \$

FEE CHECKED BY: JRK DATE: 5/3/94

APPLICATION ASSIGNED TO: R. W. HANCOCK DATE:

13 DAYS TO GO ON 7/13/94

PERMIT APPLICATION PROCESSING STATUS

	<u>Completed</u>	<u>Initials</u>
Date PATS Updated With Processor Name:	<u>7/6/94</u>	<u>GR</u>
Permit Engineer Submit Finished Permit Package & Recommendations to District Air Engineer:	<u>7-13-94</u>	<u> </u>
Permit Package to District Air Administrator:	<u>7/19/94</u>	<u>JRK</u>
Permit Package to Director of District Management:	<u>7/19/94</u>	<u> </u>
Permit Package Mailed Out:	<u>JUL 20 1994</u>	<u>MQ</u>

DATA FOLLOW UP

Issue Date Updated on PATS: JUL 20 1994 MQ
 Updated on DEC:

ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY

AIR DIVISION CONVERSATION RECORD

Date 05.26.94 Time 1:00PM Subject TECO Gannon 3 PERMITS

Mr/Ms G Richardson Telephone No. D.E.R.

Representing DEP

Telephoned Was Called Scheduled/Unscheduled Meeting MAY 27 1994

Other Individuals Involved in Conversation/Meeting SOUTHWEST DISTRICT TAMPA

Meeting/Conversation Summary

GR wished to know EPC's Recommendation since today is Day 28. The following two points were told to GR.

1. Normal compliance period is 60 days prior to date and for all the TECO permit they have been given 90 days. In my opinion if I am called before a commissioner to justify, probably I would not be able to defend 90 days. TECO said, "It is a scheduling convenience and we will like to have it." George said, "I am going to ^{recommend} 60 days period like for any other permit and watch." I did not necessary support the TECO's need of 90 days period.
2. ROTO CLONE NO. 5 WOULD STAY DOWN UNTIL FIRST QUARTER OF 1995. In my opinion it is not a normal maintenance, it is a temporary shut down and Rule 17-210.300 FAC applies. George agreed.
3. REST OF THE PERMIT CONDITIONS CAN REMAIN UNCHANGED.
4. SUGGESTED HIM TO REFER TO MY INSPECTION REPORT

Continued on Back [] Signature BOOK

291 CC. RK & GR Title APE

TIME EXPENDED

_____ Minutes

_____ Minutes

_____ Minutes

228-4839



RECEIVED
APR 29 1994

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

April 29, 1994

Mr. Roger P. Stewart
Director
Environmental Protection Commission
of Hillsborough County
1900 Ninth Avenue
Tampa, Florida 33605

Hand Delivered

Richard D. Garrity, Ph.D.
Southwest District
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

Hand Delivered

A029-250/48

RE: Tampa Electric Company
F.J. Gannon Station
Air Operation Permit Renewal Applications
Flyash Silos 1 & 2, Unit 1-6 Roto-clones
A029-160258, A029-160259 and A029-163823
UNITS 5&6 UNITS 1-4

Gentlemen:

Enclosed please find an original and three (3) copies of applications for renewal of permit to operate the above air sources. Included in these permit packages are updated Operation and Maintenance Plans for these sources and a letter of authorization for the applicant. Please note that as described in the roto-clones permit applications, number 5 roto-clone is currently out-of-service.

Additionally, since the permit renewal form does not have a section for Professional Engineer's seal, TEC has attached a form with wording appropriate for this submittal and in accordance with Chapter 17-4.05(3)F.A.C.

Enclosed with Mr. Stewart's copy are the application packages. As set forth in Chapter 17-213.210 F.A.C., no permit fee is required for these sources.

L. NYE, EPC

PLS SEND COPY

-GR 5/3/94



RECEIVED
APR 29 1994

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

April 29, 1994

Mr. Roger P. Stewart
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1900 Ninth Avenue
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Mr. Roger Stewart
Richard D. Garrity, Ph.D.
April 29, 1994
Page Two

Please feel free to call Ms. Janice Taylor or me at 813/228-4839 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Pat A. Ho".

Patrick A. Ho, P.E.
Manager
Environmental Planning

Enclosure

dh/QQ644



Florida Department of Environmental Regulation

Southwest District

Lawton Chiles, Governor

3804 Coconut Palm

813-744-6100

April 13, 1993

Tampa, Florida 33619

Virginia B. Wetherell, Secretary

MR LYNN ROBINSON
MGR ENV PLANNING
TAMPA ELECTRIC CO
PO BOX 111
TAMPA FL 33601-0111

Dear Permittee:

RE: Permit Expiration Letters for Non-delegated Facility in Hillsborough County

The Department recently delegated air permitting authority to the Environmental Protection Commission of Hillsborough County, except for a few non-delegated facilities, such as yours. This letter is to advise you that in the future, the Department will not continue the practice of notifying your facility of permits due to expire. This service was provided by the County in the past.

For information purposes only please note the following:

Pursuant to Rule 17-4.080(3), F.A.C., *Modification of Permit Conditions*, the permittee, may, for good cause, request that a construction permit be extended. Such a request shall be submitted to the Department at least 60 days prior to the expiration date of the permit.

Pursuant to Rule 17-4.090(1), F.A.C., *Renewals*, an application to renew an operating permit shall be submitted to the Department no later than 60 days prior to the expiration date of the permit.

Thank you for your cooperation in this matter. If you have any questions, please call Mr. J. Harry Kerns, P.E., District Air Engineer, of my staff at (813)744-6100 extension 419.

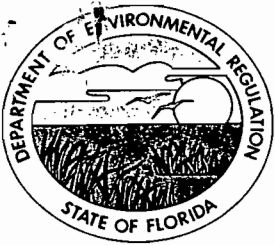
Sincerely,

W. C. Thomas, P.E.
Air Program Administrator

WCT/HK/ss

cc: Read file
EPCHC

permits.lr



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Dr. Richard Garrity, Deputy Assistant Secretary

February 7, 1990

Mr. Jerry L. Williams
Director - Environmental
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601

Dear Mr. Williams:

Re: Hillsborough County - AP
Permit Amendment
F.J. Gannon Station Units 1-4
Fly Ash Silo with Baghouse

The Department acknowledges your request to amend permit number A029-160259. The following changes are hereby made in the permit as agreed upon by the Department and Tampa Electric Company on Monday, January 29, 1990:

CHANGE PROCESS DESCRIPTION FROM:

For the operation of the F.J. Gannon Station Units 1-4 Fly Ash Handling System. Fly ash that is collected in the hoppers of the electrostatic precipitators of Units 1-4 is pneumatically conveyed to a 30 ft. diameter, 45.5 ft. high silo at a maximum loading rate of 14.4 tons/hr. The ash in the silo is gravity fed by tubing into closed tanker type trucks for transport to an offsite consumer. Particulate emissions generated during the loading of the silo are controlled by a 4,690 ACFM Allen-Sherman-Hoff Corporation Flex Kleen 84 WRW C112IIG baghouse system which is comprised of two (2) bag filters with three (3) common stacks.

CHANGE PROCESS DESCRIPTION TO:

For the operation of the F.J. Gannon Station Units 1-4 Fly Ash Handling System. Fly ash that is collected in the hoppers of the electrostatic precipitators of Units 1-4 is pneumatically conveyed to a 30 ft. diameter, 45.5 ft. high silo at the maximum loading rate. The ash in the silo is gravity fed by tubing into closed tanker type trucks for transport to an offsite consumer. Particulate emissions generated during the loading of the silo are controlled by a 4,690 ACFM Allen-Sherman-Hoff Corporation Flex Kleen 84 WRW C112IIG baghouse system which is comprised of two (2) bag filters with three (3) common stacks.

CHANGE SPECIFIC CONDITION NO. 6 FROM:

6. Testing the emissions must be accomplished at approximately the maximum silo feed rate of 14.4 tons fly ash per hour. The fly ash silo feed rate shall be specified in each test result. Failure to include the actual process or production rate in the results may invalidate the test [Section 403.161(1)(c), Florida Statutes].

CHANGE SPECIFIC CONDITION NO. 6 TO:

6. All compliance tests shall be conducted while loading the silo at approximately the maximum feed rate. Failure to submit the input rate or operation at conditions which do not reflect actual operating conditions may invalidate the data (Section 403.161(1)(c), Florida Statutes).

Persons whose substantial interests are affected by this permit amendment have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with this paragraph or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time, this permit will not be effective until further Order of the Department.

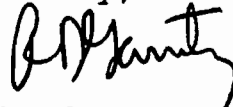
When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Mr. Jerry L. Williams
Tampa, FL 33601

Page Three

A copy of this letter must be attached to and becomes a part of permit number A029-160259. If you have any questions, please call Mr. J. Harry Kerns of my staff at (813) 623-5561.

Sincerely,



Richard D. Garrity, Ph.D.
Deputy Assistant Secretary
Southwest District

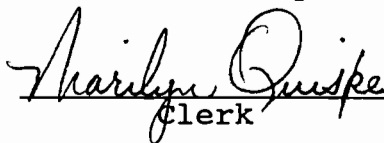
RDG/SKB/bb

cc: Environmental Protection Commission
of Hillsborough County

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on FEB - 7 1990 to the listed persons.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
Subsection 120.52(10), Florida
Statutes, with the designated
Department Clerk, receipt of
which is hereby acknowledged.



Clerk

FEB - 7 1990
Date

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610

813-985-7402
SunCom - 570-8000

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

DR. RICHARD D. GARRITY
DISTRICT MANAGER

July 28, 1986

Mr. A. Spencer Autry, Manager
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

RE: Modification of Conditions
Permit No. A029-80048

Dear Mr. Autry:

We are in receipt of your request for a modification of the permit conditions. The conditions are changed as follows:

Specific Condition No. 1

From:

1. Compliance with the opacity standard set forth below shall be demonstrated by conducting 30 minute visible emission tests as units #3, #2 & #1 are converted to coal and begin utilizing this silo. By November 15, 1984, 60 days prior to the expiration of construction permit #AC29-41941, a visible emission test shall be submitted while loading the silo from Units #3 & #4. By January 15, 1986, 60 days prior to the expiration of construction permit A029-41942, a visible emission test shall be submitted while loading the silo from Units #2, #3 & #4. By January 15, 1987, 60 days prior to the expiration of construction permit AC29-41943, a visible emission test shall be submitted while loading the silo from Unit #1 and two of the remaining 3 units. Thereafter, visible emissions tests shall be conducted while loading the silo from 3 of the 4 units at 12 month intervals. Tests can be conducted within a sixty (60) day period prior to the dates specified above.

To:

1. Compliance with the opacity standard set forth below shall be demonstrated by conducting 30 minute visible emission tests as units #3, #2 & #1 are converted to coal and begin utilizing this silo. By November 15, 1984, 60 days

Mr. A. Spencer Autry, Manager
Tampa, FL

Page Two
July 28, 1986

prior to the expiration of construction permit #AC29-41941, a visible emission test shall be submitted while loading the silo from Units #3 & #4. By January 15, 1986, 60 days prior to the expiration of construction permit AC29-41942, a visible emission test shall be submitted while loading the silo from Units #2, #3 & #4. By January 15, 1987, 60 days prior to the expiration of construction permit AC29-41943, a visible emission test shall be submitted while loading the silo from Unit #1 and two of the remaining 3 units. Thereafter, visible emissions tests shall be conducted while loading the silo from 3 of the 4 units at 12 month intervals. Tests can be conducted within a ninety (90) day period prior to the dates specified above.

Specific Condition No. 5

From:

5. The Hillsborough County Environmental Protection Commission shall be notified in writing 15 days prior to compliance testing.

To:

5. The Hillsborough County Environmental Protection Commission shall be notified 15 days prior to compliance testing.

This letter must be attached to your permit and becomes a part of that permit.

Sincerely,



W. C. Thomas, P.E.
District Air Engineer

JWE/js

Mr. A. Spencer Autry, Manager
Tampa, FL

July 28, 1986
Page Three

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 7-30-86 to the listed persons.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(10), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Jean Schesta 7/30/86
Clerk Date