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AUG 28 2000

BUREAU OF AIR REGULATION

Project No. 0570040-012-AC  
AC

August 25, 2000

Mr. Al Linero, P.E.  
Administrator, New Source Review Section  
Division of Air Resources Management  
Florida Department of Environmental Protection  
2600 Blair Stone Road, MS # 5505  
Tallahassee, Florida 32399-2400

Via FedEx  
Airbill No. 7911 3342 0218

**Re: Tampa Electric Company  
F.J. Gannon Station - Units 1, 2, 3, and 4  
FDEP File No. 0570040-011-AC  
Combustion of Coal/Wood-Derived Fuel (WDF) Blends**

Dear Mr. Linero:

Florida Department of Environmental Protection (FDEP) Permit Number 0570040-011-AC, issued on 3/7/00 and expiring on 2/28/02, allows for the combustion of coal/WDF blends in TEC's F.J. Gannon Station Unit No. 3. Specific Condition Nos. 3, 4, and 5 address fuel operation limitations, record-keeping requirements, and additional compliance testing requirements, respectively.

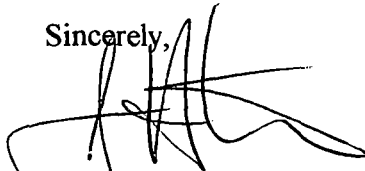
TEC requests approval to combust coal/WDF blends in F.J. Gannon Station Units 1, 2, and 4 in addition to Unit 3. TEC proposes to combust coal/WDF fuel blends in Units 1, 2, and 4 in accordance with the same operational conditions specified by Permit Number 0570040-011-AC for Unit 3. Units 1 through 4 are solid fuel, wet bottom boilers having comparable combustion characteristics.

Accordingly, modification of Permit Number 0570040-011-AC is requested to allow for the combustion of coal/WDF blends in F.J. Gannon Station Units 1 (Emission Unit ID No. 001), 2 (Emission Unit ID No. 002), and 4 (Emission Unit ID No. 004) in addition to Unit 3 (Emission Unit ID No. 003).

Mr. Al Linero, P.E.  
August 25, 2000  
Page 2 of 2

Four copies of a completed Application for Air Permit – Title V Source, Section I, Application Information and a permit processing fee check in the amount of \$250.00 are attached. Your expeditious review and approval of this construction permit modification request will be appreciated. Please contact me at (813) 641-5033, if there are any questions.

Sincerely,



Jamie Hunter  
Consulting Engineer  
Environmental Affairs

EP\gm\JH933

Enclosures

c/enc: Scott Sheplak - FDEP – Tallahassee  
Jerry Kissel - FDEP – Southwest District  
Jerry Campbell - Hillsborough County EPC

-5/0-

TECO PRODUCTION SERVICES

PETTY CASH  
6944 U.S. HWY. 41 N.  
APOLLO BEACH, FL 33572  
PH. 813-671-3361

523

August 22, 2000  
19

63-469/631  
31

PAY TO THE ORDER OF **FDEP**

\$ 250.00

Two hundred fifty and no/100

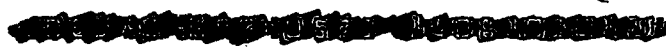
DOLLARS 

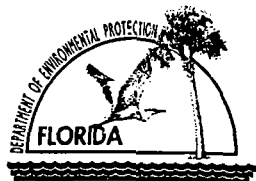
© Clarke American

**Barnett** 040-031  
203 Apollo Beach Boulevard  
Apollo Beach, Florida 33572

FOR **J. Hunter** *BB* Air Const, Permid Mod.  
0590040-012-AC

*Nancy E. Foley* MP





# Department of Environmental Protection

## Division of Air Resources Management

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BUREAU OF AIR REGULATION

### APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

#### I. APPLICATION INFORMATION

##### Identification of Facility

1. Facility Owner/Company Name: <b>Tampa Electric Company</b>	
2. Site Name: <b>F.J. Gannon Power Station</b>	
3. Facility Identification Number: <b>0570040</b> [ ] Unknown	
4. Facility Location: Street Address or Other Locator: <b>Port Sutton Road</b> City: <b>Tampa</b> County: <b>Hillsborough</b> Zip Code: <b>33619</b>	
5. Relocatable Facility? [ ] Yes [ <input checked="" type="checkbox"/> ] No	6. Existing Permitted Facility? [ <input checked="" type="checkbox"/> ] Yes [ ] No

##### Application Contact

1. Name and Title of Application Contact: <b>Jamie Hunter</b> <b>Consulting Engineer – Environmental Affairs</b>	
2. Application Contact Mailing Address: Organization/Firm: <b>Tampa Electric Company</b> Street Address: <b>6499 U.S. Highway 41 North</b> City: <b>Apollo Beach</b> State: <b>FL</b> Zip Code: <b>3572-9200</b>	
3. Application Contact Telephone Numbers: Telephone: <b>(813) 641 – 5210</b> Fax: <b>(813) 641-5081</b>	

##### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

**Purpose of Application**

**Air Operation Permit Application**

This Application for Air Permit is submitted to obtain: (Check one)

- Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: \_\_\_\_\_

- Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: \_\_\_\_\_

Operation permit number to be revised: \_\_\_\_\_

- Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: 0570040-002-AV

- Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit number to be revised: \_\_\_\_\_

Reason for revision: \_\_\_\_\_

**Air Construction Permit Application**

This Application for Air Permit is submitted to obtain: (Check one)

- Air construction permit to construct or modify one or more emissions units.\*
- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- Air construction permit for one or more existing, but unpermitted, emissions units.

\* - Modification to Permit No. 0570040-011-AC



4. Professional Engineer Statement:

*I, the undersigned, hereby certify, except as particularly noted herein\*, that:*

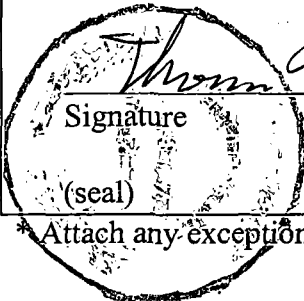
*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and*

*(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.*

*If the purpose of this application is to obtain a Title V source air operation permit (check here [  ], if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.*

*If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [  ], if so), I further certify that the engineering features of each such emissions unit described in this application have been ~~designed~~ or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.*

*If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [  ], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.*



*Thomas R. Owen* \_\_\_\_\_

Signature

8/21/00 \_\_\_\_\_

Date

\* Attach any exception to certification statement.

**Scope of Application**

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	Unit No. 1, Solid Fuel Steam Generator	AC1M	\$250
002	Unit No. 2, Solid Fuel Steam Generator	AC1M	N/A
004	Unit No. 4, Solid Fuel Steam Generator	AC1M	N/A

**Application Processing Fee**

Check one: [  ] Attached - Amount: \$ 250 [  ] Not Applicable

**Note: Fee of \$250 per Rule 62-4.050(4)(r)5., F.A.C.; minor revision to construction permit.**



**Construction/Modification Information**

1. Description of Proposed Project or Alterations:

**TEC is presently authorized to combust coal/wood derived fuel (WDF) blends in F.J. Gannon Station Unit 3 pursuant to FDEP Permit No. 0570040-011-AC. TEC is proposing to combust coal/wood derived fuel (WDF) blends in F.J. Gannon Station Units 1, 2, and 4 in addition to Unit 3. Combustion of coal/WDF blends in Units 1, 2, and 4 will be conducted in accordance with the operational conditions specified for Unit 3 in FDEP Permit No. 0570040-011-AC.**

2. Projected or Actual Date of Commencement of Construction: **Following FDEP approval**

3. Projected Date of Completion of Construction: **Following FDEP approval**

**Application Comment**

[Empty box for Application Comment]