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0570040-010-AC	

PS Form 3800, April 1995

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1.  Addressee's Address
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3. Article Addressed to:

Charles Black, UP  
 TECO  
 702 N. Franklin Ave  
 Tampa, FL 33602

4a. Article Number

Z 031 391 884

4b. Service Type

- |   |   |
|---|---|
| <input type="checkbox"/> Registered                     | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured              |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD.                 |

7. Date of Delivery

MAR 23

5. Received By: (Print Name)

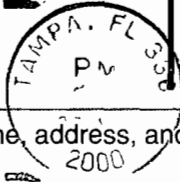
6. Signature: (Addressee or Agent)

X

8. Addressee's Address (Only if requested and fee is paid)

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First-Class Mail  
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• Print your name, address, and ZIP Code in this box •

Department of Environmental Protection  
Division of Air Resources Management  
Bureau of Air Regulation, NSRS  
2600 Blair Stone Road, MS 5505  
Tallahassee, Florida 32399-2400

BUREAU OF AIR REGULATION

MAR 27 2000

RECEIVED



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**NOTICE OF PERMIT**

In the Matter of an  
Application for Permit Modification by:

Mr. Charles R. Black, Vice President Energy Supply  
Tampa Electric Company  
702 North Franklin Avenue  
Tampa, Florida 33602

DEP File No. 0570040-010-AC  
Coal Yard Modification (Crusher House)  
Hillsborough County

Enclosed is the Final Permit Number 0570040-010-AC for an air construction permit to modify the Crusher House at the F. J. Gannon Power Plant Coal Yard by adding two new additional 600 TPH crushers. The F. J. Gannon Power Plant facility is located at Port Sutton Road, Tampa, Hillsborough County. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., 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 Legal Office; 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 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.



C. H. Fancy, P.E., Chief  
Bureau of Air Regulation

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 3-21-00 to the person(s) listed:

- Mr. Gregory M. Nelson, PE
- Mr. James Hunter, TEC
- Mr. Bill Thomas, SWD
- Mr. Jerry Campbell, EPCHC

Clerk Stamp

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

Keri Jaber      3-21-00  
(Clerk)                      (Date)

## **FINAL DETERMINATION**

Tampa Electric Company (TEC)  
F.J. Gannon Power Station, Hillsborough County  
Crusher House Modification  
DEP File No: 0570261-010-AC

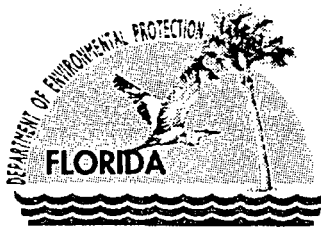
An Intent to Issue an air construction permit, authorizing the modification of the Crusher House at the F.J. Gannon Power Plant Coal Yard was distributed on February 10, 2000. This facility is located at Port Sutton Road in Tampa, Hillsborough County, Florida.

The work was authorized by a previous permit that expired prior to completion of construction. The Department determined that reissuance of the permit is required to complete the work.

The Public Notice of Intent to Issue Air Construction Permit was published in The Tampa Tribune on Wednesday February 16, 2000.

No adverse comments were received from the Environmental Protection Commission of Hillsborough (EPCHC). No comments were received from the public or Tampa Electric Company (TEC) as a result of the public notice period.

The final action of the Department will be to issue the permit with the changes noted above.



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

## PERMITTEE:

Tampa Electric Company (TEC)  
F.J. Gannon Station  
6944 U.S. Highway 41 North  
Tampa, Florida 33572-9200

File No.	0570040-010-AC
Project	Crusher House Modification
SIC No.	4911
ARMS No.	Coal Yard Emissions Unit 008
Expires:	December 31, 2000

*Authorized Representative:*  
Gregory M. Nelson, P.E.  
Manager, Environmental Planning

## PROJECT AND LOCATION:

Re-issued construction permit for the installation of two additional 600 tph (each) fine grind crushers at the Crusher House. The existing 800 tph crusher pairs will serve as back-up/overflow for the new crushers. The new crushers will be installed upstream of the existing crusher pairs. The Crusher House is located at the facility's Coal Yard which is designated in the ARMS system as Emissions Unit (E.U.) 008. This E.U. is located at the F.J. Gannon Power Plant, Port Sutton Rd, Tampa, Hillsborough County. UTM coordinates are: Zone 17; 360.00 km E; 3087.50 km N.

## STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The above named permittee is authorized to modify the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

Attached appendix made a part of this permit:

Appendix GC

Construction Permit General Conditions

Howard L. Rhodes, Director  
Division of Air Resources Management

"More Protection, Less Process"

Printed on recycled paper.

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION I. FACILITY INFORMATION

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### 1.0 FACILITY DESCRIPTION

This facility, F.J. Gannon Station, consists of six steam boilers (Units 1 through 6); six steam turbines; one simple-cycle combustion turbine; a once-through cooling water system; solid fuels, fluxing material, fly ash, slag, and fuel storage/handling facilities; fuel storage tanks; and ancillary support equipment. The nominal output is 1,317 megawatts (MW). The facility utilizes coal as its primary fuel for Units 1-6. The combustion turbine is allowed to burn new No. 2 fuel oil, with a maximum sulfur content of 0.5% by weight.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

### 2.0 PROJECT DESCRIPTION

This project modification is for the construction/modification of the coal yard's crusher house serving the Gannon Station's boilers 1 through 6.

Two new fine grind crushers (Crushers 3A and 3B) will be installed in the existing crusher house. Crusher 3A will receive coal from belt G1 and Crusher 3B will receive coal from belt G2. Any portion of the coal directed to Crusher 3A may instead be routed to existing Crusher 1 via a G1 belt extension. Likewise, any portion of coal directed to Crusher 3B may instead be routed to existing Crusher 2 via a G2 belt extension.

Belts H1 and H2 will be extended to accommodate the new crushers. These new Crushers 3A and 3B will each be rated at 600 tons per hour and will feed to belts H1 and H2, respectively. The existing Crushers pairs (1A1B and 2A2B) are each rated at 800 tons per hour and will continue to feed to belts H1 and H2, respectively.

The existing crushers will serve as back-up/overflow for the new crushers. The new crushers addition will not increase the coal feed rate to the boilers because the belt speeds before and after the crusher house are not changing from the currently rated 800 tph. The new crushers will allow TEC to maintain its current feed rate while re-establishing consistent fine grind capability. The coal throughput will remain at the permitted rate of 2.85 million tons coal per year.

This project modification comprises the emissions points FH032 through FH 035a:

The estimated total PM/PM<sub>10</sub> emissions as a result of this crusher house modification would not exceed 1 TPY.

### 3.0 REGULATORY CLASSIFICATION

The facility, F.J. Gannon Station Power Plant, is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant, such as particulate matter (PM/PM<sub>10</sub>), sulfur dioxide (SO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), or volatile organic compounds (VOC) exceeds 100 tons per year (TPY).

This facility is within an industry included in the list of the 28 Major Facility Categories per Table 62-212.400-1, F.A.C. Because emissions are greater than 100 TPY for at least one criteria pollutant, the facility is also a Major Facility with respect to Rule 62-212.400, Prevention of Significant Deterioration (PSD).

This facility is located in an area (Hillsborough County) designated "unclassifiable" for SO<sub>2</sub>, "maintenance" for Ozone (O<sub>3</sub>), particulate matter (PM), and lead (Pb), and "attainment" for all the other criteria pollutants (Rule 62-204.360, F.A.C.).

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION I. FACILITY INFORMATION

This facility (6 steam boilers) is also subject to the provisions of Title IV, Acid Rain, Clean Air Act as amended in 1990.

### 4.0 EMISSIONS UNIT(S)

#### Emissions Unit

This permit addresses the following emissions points within the following emissions unit :

EMISSIONS UNIT NO.	SYSTEM	DESCRIPTION*
ARMS E. U. No. 008 Coal Yard	Fuel Handling and Storage System	Fugitive Emissions Points FH 032 through FH 035a

Crusher House Modification :

<u>Source Designator</u>	<u>PM Control Method</u>	<u>Efficiency Rating</u>	<u>Design Capacity</u>	<u>Emission Point</u>	<u>Emission Rate (TPY)</u>
Conveyor G1 to Crusher 3A	Enclosure & Dust Suppressants	90%	800 TPH	FH032	0.09
Crusher 3A to Conveyor G1	Enclosure & Dust Suppressants	90%	800 TPH	FH032a	0.04
Conveyor G1 to Crushers 1A1B	Enclosure & Dust Suppressants	90%	800 TPH	FH032b	0.04
Conveyor G2 to Crusher 3B	Enclosure & Dust Suppressants	90%	800 TPH	FH033	0.09
Crusher 3B to Conveyor G2	Enclosure & Dust Suppressants	90%	800 TPH	FH033a	0.04
Conveyor G2 to Crushers 2A2B	Enclosure & Dust Suppressants	90%	800 TPH	FH033b	0.04
Crushers 1A1B to Conveyor H1	Enclosure & Dust Suppressants	90%	800 TPH	FH034	0.04
Crusher 3A to Conveyor H1	Enclosure & Dust Suppressants	90%	600 TPH	FH034a	0.04
Crushers 2A2B to Conveyor H2	Enclosure & Dust Suppressants	90%	800 TPH	FH035	0.04
Crusher 3B to Conveyor H2	Enclosure & Dust Suppressants	90%	600 TPH	FH035a	0.04
Total PM/PM <sub>10</sub> Emissions					0.50

The Coal Yard facility (ARMS Emissions Unit 008) , is regulated under Rule 62-296.700, F.A.C., Reasonably Available Control Technology (RACT) Particulate Matter and Rule 62-296.711, F.A.C., Materials Handling, Sizing, Screening, Crushing and Grinding Operations.

### 5.0 PERMIT SCHEDULE

- 0X/XX/00 Notice of Intent published in the Tampa Tribune
- 0X/XX/00 Distributed Intent to Issue Permit
- 02/02/00 Application deemed complete
- 02/02/00 Received Application

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION I. FACILITY INFORMATION

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### 6.0 RELEVANT DOCUMENTS:

The documents listed below are the basis of the permit. They are specifically related to this permitting action, but not all are incorporated into this permit. These documents are on file with the Department.

- Application received on February 2, 2000
- Department's Intent to Issue and Public Notice Package dated February 11, 2000.
- Permit 0570040-007-AC issued on February 5, 1999 and related files

### 7.0 PERMITTING HISTORY:

<u>E.U. ID No</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>
008	Coal Yard	AO29-216480	4/23/93	9/12/97
		AC29-114676	5/19/87	9/30/87
		AC29-152987	12/6/88	6/1/89
		AC29-061276	4/12/83	12/31/84
		0570040-007-AC	2/5/99	12/31/99

#### **0570040-007-AC:** Fuel Yard Crusher House Modification

A modification of the Fuel Yard Crusher House to allow the addition of two new fine grind crushers (Crushers 3A and 3B) to be installed in the existing crusher house.

#### **AC29-061276:** Coal Handling Modification at the Gannon Coal Yard

A modification of the Coal Yard to allow an increase of the throughput rate from 1,270,000 tons per year to 2.40 million tons per year was approved in 1983. This modification reconverted Boilers 1-4 from oil burning back to coal because of the increasing of price of crude oil at that time. This permit was issued in 1983.

#### **AC29-114676:** Coal Handling Modification at the Gannon Coal Yard - Revision of Permit AC29-61276.

The modification of the permit revised the coal throughput from 2.40 to 2.85 million tons per year. This revision was approved in 1987.

**AC29-152987:** Replacement of the existing west grab bucket-hopper coal unloading system with a 1,500 TPH new coal unloader. This permit was issued in 1988. This emission point is part of the ARMS Emission Unit 008 Coal Yard.

**AO29-216480:** This operation permit covers the entire Coal Yard operation.



# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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### 1.0 ADMINISTRATIVE

- 1.1 Applicable Regulations: Unless otherwise indicated, the construction and operation of these emission units shall be in accordance with the capacities and specifications stated in the application. The permittee is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, and the Code of Federal Regulations Section 40, Part 60. Specifically, this project is subject to applicable requirements of the New Source Performance Standards (NSPS) for Coal Processing Plants, Subpart Y, identified by the Code of Federal Regulations and incorporated by reference in the Florida Administrative Code regulation 62-204.800. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, and 62-204.800, F.A.C.]
- 1.2 Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP), at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344. All documents related to reports, tests, and notifications should be submitted to the DEP Southwest District office (DEPSW), 3804 Coconut Palm Drive, Tampa, Florida 33619 and phone number 813/744-6100 and the Hillsborough County Environmental Protection Commission (HCEPC), 1410 North 21 Street, Tampa, Florida 33605, and phone number 813/272-5530.
- 1.3 Modification: The permittee shall give prior written notification to the Department and the HCEPC when there is any modification to this facility. This notice shall be submitted sufficiently in advance of any critical date involved to allow sufficient time for review, discussion, and revision of plans, if necessary. Such notice shall include, but not be limited to, information describing the precise nature of the change; modifications to any emission control system; production capacity of the facility before and after the change; and the anticipated completion date of the change. [Chapters 62-210 and 62-212 F.A.C.]
- The changes may include, but are not limited to, the following, and may also require prior authorization before implementation:
- A. Alteration or replacement of any equipment\* or parameter listed in the description.
  - B. Installation or addition of any equipment\* which is a source of air pollution.
  - C. Any changes in the method of operation, raw materials, products or fuels.
- \* Not applicable to normal maintenance and repairs, and vehicles used for transporting material.  
[Rule 62-4.070(3), F.A.C., Rule 62-210.300, F.A.C.]
- 1.4 General Conditions: The owner and operator is subject to and shall be aware of and operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- 1.5 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapter of the Florida Administrative Code.
- 1.6 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C., when appropriate and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- 1.7 Expiration: This air construction permit shall expire on December 31, 2000. [Rule 62-210.300(1), F.A.C.]

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the HCEPC and the DEP SWD offices of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.080, F.A.C.]

- 1.8 Application for Title V Permit: A revision of the Title V operating permit application pursuant to Chapter 62-213, F.A.C., shall be submitted to the DEPs Bureau of Air Regulation and a copy to the HCEPC and DEP's SW District offices in Tampa. [Chapter 62-213, F.A.C.]
- 1.9 New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., for good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

### 2.0 EMISSION LIMITING STANDARDS

- 2.1 RACT Visible Emissions Standard: [Rule 62-296-700, F.A.C.] Unless otherwise specified, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from these emissions units, the opacity of which is equal to:

- Visible emissions from PM unconfined particulate matter sources shall not exceed 5% opacity.
- Water sprays or chemical wetting agents and stabilizers are acceptable methods to be used on coal storage piles as necessary to maintain an opacity of less than or equal to 5%. Other appropriate methods may be applied to maintain this opacity, after they are approved by the Department.

[AC 29-114676]

- 2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]

- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Reasonable precautions include but are not limited to the following:
- Paving and maintenance of roads, parking areas and yards.
  - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
  - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
  - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
  - Landscaping or planting of vegetation.
  - Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
  - Confining abrasive blasting where possible.

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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- Enclosure or covering of conveyor systems.

(c) Emission Control Methods for the Crusher House are enclosures and dust suppressants.

*NOTE: Facilities that cause frequent, valid complaints may be required by the Permitting Authority to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

### 2.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320 (1), F.A.C.]

(b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

*NOTE: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]*

### 3.0 OPERATION AND MAINTENANCE

#### 3.1 The Operation and Maintenance Plan for Particulate Control

##### A. Process Parameters:

1. Operation schedule: 8760 hours per year
2. Equipment Data:  
Conveyor Hoods: corrugated Aluminum  
Transfer Point Enclosures: Carbon Steel
3. Wet Dust Suppression:  
Manufacturer: Martin Marietta

##### B. Inspection and Maintenance Procedures:

The coal yard particulate control equipment receive regular preventative maintenance as follows:

##### Conveyor Enclosures:

1. Daily random visual inspections of conveyor hoods.
2. Daily random visual inspection of the transfer points chute work

##### Dust Suppression System:

1. Quarterly inspection of system for water leaks.
2. Quarterly inspection of spray nozzles.

The pumps, tanks, etc., that make-up the dust suppression system undergo normal maintenance including lubrication, flushing, and draining.  
[Rule 62-296.700, F.A.C. and Application submitted May 28, 1998]

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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- 3.2 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall notify the HPCEC and Southwest District office in Tampa as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit and the regulations: [Rule 62-4.130, F.A.C.]
- 3.3 Circumvention: The owner or operator shall not circumvent any air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]
- 3.4 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]
- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Southwest District office for longer duration. [Rule 62-210.700(1), F.A.C.]
  - (b) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]
  - (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify the Air Control Section of the DEPSW District and the HCEPC offices within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]
- 4.0 **MONITORING OF OPERATIONS**
- 4.1 Determination of Process Variables:
- (a) The permittee shall install, operate, and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards. [Rule 62-297.310 (5), F.A.C.]
  - (b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]
- 5.0 **TEST AND COMPLIANCE REQUIREMENTS**
- 5.1 Test Performance: Within 60 days after achieving the maximum production rate at which this facility will be operated, but not later than 180 days after initial startup up and annually thereafter, the owner or operator shall conduct performance test(s) for Visible Emissions (Opacity) pursuant to 40 CFR 60.8, Performance Tests, Rule 62-296.310 F.A.C., 40 CFR 60, Appendix A. Subsequent opacity compliance tests shall be conducted for a

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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- duration of 30 minutes in accordance with Rule 62-297.310(4)2., F.A.C. [Rule 62-204.800, F.A.C and Rule 62-297.310, F.A.C.]
- 5.2 Test Procedures and Test Reports shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]
- 5.3 Test Notification: The owner or operator shall notify the HCEPC and the DEPSW District offices in Tampa in writing at least (30) days [initial] and (15) days [annual] prior to conducting each scheduled compliance test. The notification shall include the test date, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]
- 5.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Southwest District office in Tampa. [Rule 62-297.310, F.A.C.]
- 5.5 Compliance Testing: All compliance testing shall be conducted during normal operation and at the maximum material (including limestone or iron ore where applicable) transfer rate attainable during the test period. Actual material handling rates will be determined using the totalizer readings obtained from scales located on C, L, and H conveyors. The readings from these scales will be recorded at the start and finish of the visible emissions test. The difference between the value recorded divided by the test duration will be the value used to represent the material handling rate. Alternatively, values from the circular chart recorders located in the coal field control room will be used in the event a problem with a scale totalizer arises. The test result shall indicate if iron ore has been included in the corresponding material transfer rate. Failure to include the actual process or production rate in the results may invalidate the test. [Rule 62-4.070(3), F.A.C. and AO29-216480]
- 5.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in Rule 62-297.620, F.A.C.
- 6.0 **REPORTS AND RECORDS**
- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [62-4.160(14)(b), F.A.C.]
- 6.2 Operation and Maintenance. Records of inspections, maintenance, and performance parameters shall be made available to the HCEPC and the SW DEP offices upon request. [Rules 62-213.440(1)(b)2.b. and 62-296.700(6)(e), F.A.C.]

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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### 6.2 Emission Compliance Stack Test Reports:

- (a) A *test report* indicating the results of the required compliance tests shall be filed with the HPCEC and the Southwest District offices in Tampa as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310, F.A.C.]
- (b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department and the HCEPC to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**

6.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Air Section of the HPCEC and the Southwest District offices within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the New Source Performance Standards, excess emissions shall also be reported in accordance with 40 CFR 60.7. [Rules 62-4.130 and 62-210.700(6), F.A.C.]

6.4 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Department this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

### 7.0 OTHER REQUIREMENTS

7.1 This permit (addition of the two 600 tph new crushers) does not supersede or change any applicable requirement or previous construction/operation permits for the ARMS Emission Unit No. 008 Coal Yard (as a whole).

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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### 1.0 ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

- 1.1 Permitted Capacity. The maximum permitted process rate for the coal yard shall not exceed 2.85 million tons/year.  
[Rules 62-4.160(2), and 62-210.200 (PTE), F.A.C. and AC29-114676]

### 2.0 OPERATING REQUIREMENTS

- 2.1 Hours of Operation. The crusher house is allowed to operate continuously, i.e., 8,760 hours/year.  
[Rules 62-4.160(2) and 62-210.200, F.A.C., P.T.E.]

### 3.0 EMISSION LIMITATIONS AND STANDARDS

- 3.1 Visible Emissions. Visible emissions generated by fugitive or unconfined particulate matter from the coal yard's crusher house shall not exceed 5% opacity.  
[Rule 62-296.711(2)(a), F.A.C. AC29-61276 and AC29-114676]

### 4.0 TEST METHODS AND PROCEDURES

- 4.1 Test Methods: The test method for visible emissions shall be determined using EPA Method 9, adopted and incorporated by reference in Rule 62-204.800, F.A.C., and referenced in Chapter 62-297, F.A.C.  
[Rules 62-204.800, 62-297.310(7)(a)4., and 62-297.400, F.A.C.]

### 5.0 MONITORING OF OPERATIONS

- 5.1 Operation and Maintenance Plan (O&MP): The crusher house shall comply with the O&MP for the Coal Yard Particulate Control as specified in Section II. Condition 3.1.  
[Rule 62-296.700, F.A.C, Applicant request on application submitted on May 28,1998]

### 6.0 NSPS REQUIREMENTS

- 6.1 The new crushers shall comply with all applicable requirements of 40CFR60, Subpart A, General Provisions. In addition, the new crushers shall comply with 40CFR60, NSPS for Coal Preparation Plants, Subpart Y.  
[Rule 62-204.800 F.A.C., 40CFR60, Subpart Y]

### 7.0 REASONABLE ASSURANCES

- 7.1 All controls associated with the transfer points (i.e., the enclosures and dust suppression) shall be maintained to the extent that the capture efficiencies credited will be achieved. Reasonable precautions to prevent unconfined emissions of particulate matter shall be in accordance with Rule 62-296.320(7).F.A.C  
[Rule 62-4.070(3), and Rule 62-296.320(7) F.A.C.]

**APPENDIX GC**  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- a) Have access to and copy and records that must be kept under the conditions of the permit;
  - b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- a) A description of and cause of non-compliance; and
  - b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.



**APPENDIX GC**  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

---

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- a) Determination of Best Available Control Technology ( )
  - b) Determination of Prevention of Significant Deterioration ( ); and
  - c) Compliance with New Source Performance Standards (X).
- G.14 The permittee shall comply with the following:
- a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Florida Department of  
Environmental Protection

Memorandum

BAR

TO: Howard L. Rhodes

THRU: C. Fancy



FROM

A.A. Linero



Teresa Heron



DATE: March 17, 2000

SUBJECT: Tampa Electric Company (TEC) - F.J. Gannon Station. Permit re-issuance  
Application to Construct/Modify the Solid Fuel Handling and Storage System  
DEP File No. 0570040-010-AC

Attached is the final package for the re-issuance of the air construction permit for the above mentioned facility. This permit was originally issued on February 5, 1999 but expired on December 31, 1999.

We recommend your approval and signature.

TH/kt



RECEIVED

FEB 25 2000

BUREAU OF AIR REGULATION

February 21, 2000

Mr. Jerry Kissel, P.E.  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**Via FedEx**  
**Airbill No. 7925 5133 3553**

**Re: Tampa Electric Company (TEC) - F. J. Gannon Station  
Unit No. 3 Wood Derived Fuel Construction/Modification Permit  
Proof of Publication of the Intent to Issue  
FDEP File No. 0570040-011-AC**

Dear Mr. Kissel:

Please find enclosed the proof of publication of the Notice of Intent to Issue the Tampa Electric Company F.J. Gannon Station Unit No.3 Wood Derived Fuel Construction/ Modification Permit. This notice was published in the legal section of the Tampa Tribune on Thursday, February 17, 2000.

Thank you for your attention to this matter. If you have any concerns or questions feel free to contact me at (813) 641-5033.

Sincerely,

A handwritten signature in black ink, appearing to read "James Hunter", written over a horizontal line.

James Hunter  
Consulting Engineer  
Environmental Planning

EP\gm\JJH915

Enclosure

c/enc: **Mr. Al. Linero-FDEP**  
Mr. Richard Kirby-EPCHC

**THE TAMPA TRIBUNE**  
 Published Daily  
 Tampa, Hillsborough County, Florida

State of Florida )  
 County of Hillsborough ) ss.

Before the undersigned authority personally appeared J. Rosenthal, who on oath says that she is Classified Billing Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida, that the attached copy of advertisement being a

OFFICIAL NOTARY SEAL  
 SUSIE LEE SLATON  
 COMMISSION NUMBER  
 CC639424  
 MY COMMISSION EXP.  
 APRIL 16, 2001  
 NOTARY PUBLIC STATE OF FLORIDA

LEGAL NOTICE

In the matter of \_\_\_\_\_

STATE OF FLORIDA

was published in said newspaper in the issues of \_\_\_\_\_

FEBRUARY 17, 2000

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement, and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

*J. Rosenthal*

Sworn to and subscribed by me, this 17 day  
 of FEBRUARY, A.D. 20 00

Personally Known \_\_\_\_\_ or Product Identification \_\_\_\_\_  
 Type of Identification Produced \_\_\_\_\_

(SEAL)

*Susie Lee Slaton*  
 PO# 17008

STATE OF FLORIDA  
 DEPARTMENT OF  
 ENVIRONMENTAL  
 PROTECTION  
 NOTICE OF INTENT TO ISSUE  
 PERMIT

The Department of Environmental Protection gives notice of its intent to issue a permit to Cargill Fertilizer Inc., Riverview Fertilizer Plant, 8813 Highway 41 South Riverview, Florida 33549, for the discharge of wastewater and long-term care of a closed phosphogypsum stock. Outfalls 023 and 024 will be permitted to discharge stormwater and non-process wastewater into Hillsborough Bay and Archie Creek respectively.

Latitude: 27° 52' 15" N Longitude: 82° 23' 48" W

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed under sections 120.549 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding hearing under sections 120.549 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-2000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for mediation within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.549 and 120.57 of the Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;
  - (b) A statement of how and when each petitioner received notice of the Department action;
  - (c) A statement of how each petitioner's substantial interests are affected by the Department action;
  - (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
  - (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
  - (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
  - (g) A statement of the relief sought by the petitioner, including precisely the action that the petitioner wants the Department to take.
- A petition that does not dispute the material facts on which the Department's decision is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by rule 28-106.404. The agreement must be received by the clerk in the Office of General Counsel of the Department of 3900 Commonwealth Boulevard, Mall Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under sections 120.569 and 120.57. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under these two statutes.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Florida Department of Environmental Protection, Phosphate Management, 8407 Laurel Fair Circle, Tampa, FL 33610-7355.

1509 2/17/00



TAMPA ELECTRIC

RECEIVED

FEB 22 2000

BUREAU OF AIR REGULATION

February 21, 2000

Mr. A.A. Linero, P.E.  
Florida Department of Environmental Protection  
New Source Review Section  
2600 Blair Stone Road  
Tallahassee, FL 32399

Via FedEx  
Airbill No. 7903 2657 3829

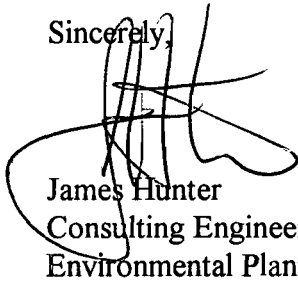
**Re: Tampa Electric Company (TEC) - F. J. Gannon Station  
Solid Fuel Handling and Storage System  
(Crusher House) Modification Construction Permit  
Proof of Publication of the Intent to Issue  
FDEP File No. 0570040-010-AC**

Dear Mr. Linero:

Please find enclosed the proof of publication of the Notice of Intent to Issue the Tampa Electric Company F.J. Gannon Station Solid Fuel Handling and Storage System (Crusher House) Modification Construction Permit. This notice was published in the legal section of the Tampa Tribune on Wednesday, February 16, 2000.

Thank you for your attention to this matter. If you have any concerns or questions feel free to contact me at (813) 641-5033.

Sincerely,

  
James Hunter  
Consulting Engineer  
Environmental Planning

EP\gm\JH916

Enclosure

c/enc: Mr. Richard Kirby-EPCHC  
cc: J. Nelson, BAR  
SWD  
Hillsboro Co.

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

AN EQUAL OPPORTUNITY COMPANY  
HTTP://WWW.TAMPAELECTRIC.COM

(813) 228-4111

CUSTOMER SERVICE:  
HILLSBOROUGH COUNTY (813) 223-0800  
OUTSIDE HILLSBOROUGH COUNTY 1 (888) 223-0800

**THE TAMPA TRIBUNE**  
**Published Daily**  
**Tampa, Hillsborough County, Florida**

State of Florida }  
 County of Hillsborough } ss.

Before the undersigned authority personally appeared J. Rosenthal, who on oath says that she is Classified Billing Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE

in the matter of \_\_\_\_\_

PUBLIC NOTICE OF INTENT

was published in said newspaper in the issues of \_\_\_\_\_

FEBRUARY 16, 2000

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

Sworn to and subscribed be me, this 16 day  
 of FEBRUARY, A.D. 2000

Personally Known \_\_\_\_\_ or Product Identification \_\_\_\_\_  
 Type of Identification Produced \_\_\_\_\_

(SEAL)

*Susie Lee Slaton*  
 N 17008



PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 DEP File No. 0570040-010-AC  
 Tampa Electric Company  
 F.J. Gannon Power Plant  
 Coal Yard Crusher House  
 Modification  
 Hillsborough County  
 The Department of Environmental Protection (Department) gives notice of its intent to re-issue an air construction permit to Tampa Electric Company. The original permit issued on February 5, 1999 expired on December 31, 1999. There is no change associated with the re-issuance of this permit. The permit is to modify the Crusher House at the F.J. Gannon Power Plant Coal Yard located at Port Sutton Road, Tampa, Hillsborough County. A Best Available Control Technology (BACT) determination was not required pursuant to Rules 62-212.400, F.A.C. and 40 CFR 52.21. The applicant's name and address are Tampa Electric Company (TEC), 6944 U.S. Highway 41 North, Tampa, Florida, 33572-9200.  
 This modification will allow the addition of two new 600 tons per hour (TPH) crushers to be located upstream of the existing 400 TPH crusher pairs. The existing crushers will serve as back-up/overflow for the new crushers. The main purpose of the new crushers is to provide a finer grind to minimize carryover of partially combusted coal to the flyash collection system. The problem, known as "high flyash loss on ignition," was exacerbated by switch to low heat, high moisture coal used to reduce nitrogen oxides emissions. The addition of the two new crushers will not increase the coal feed rate to the boilers since the currently permitted belt speed rate of 800 TPH each, before and after the crusher house, will not be changed. An insignificant increase of less than one (1) ton per year in actual emissions is expected from this modification. Most of the described work was completed prior to expiration of the permit.  
 The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.  
 The Department will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of "Public Notice of Intent to Issue Air Condition Permit." Any written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station # 5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.  
 The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below. Mediation is not available in this proceeding. A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57 of the Florida Statutes.

The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Section 120.69 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed

action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301.

Because the administrative hearing process is designed to formulate agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m. Monday through Friday, except legal holidays, at:

Department of Environmental Protection,

111 S. Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

Telephone: 850/488-0114

Fax: 850/922-6979

Department of Environmental Protection

Southwest District Office  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8218

Telephone: 813/744-6100

Fax: 813/744-6084

Hillsborough County  
Environmental Protection  
Commission

1410 North 21 Street

Tampa, Florida 33605

Telephone: 813/272-5530

Fax: 813/272-5605

The complete project file includes the Draft Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the New Source Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114, for additional information.

1481

2/16/00



Best Available Copy

COMMISSION

PAT FRANK  
CHRIS HART  
JIM NORMAN  
JAN PLATT  
THOMAS SCOTT  
RONDA STORMS  
BEN WACKSMAN

EXECUTIVE DIRECTOR

ROGER P. STEWART



ADMINISTRATIVE OFFICES, LEGAL &  
WATER MANAGEMENT DIVISION  
1900 - 9TH AVENUE  
TAMPA, FLORIDA 33605  
TELEPHONE (813) 272-5960  
FAX (813) 272-5157

AIR MANAGEMENT DIVISION  
TELEPHONE (813) 272-5530

WASTE MANAGEMENT DIVISION  
TELEPHONE (813) 272-5288

WETLANDS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

**ENVIRONMENTAL PROTECTION COMMISSION  
of Hillsborough County**

**FAX Transmittal Sheet**

DATE: 2-17-2000

TO: A.A. Linero

FAX Phone: 292-6979 Voice Phone: \_\_\_\_\_

TOTAL NUMBER OF PAGES INCLUDING THIS COVER PAGE: 1

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FROM: GABRIEL CASTANO

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-Compliance

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-Monitoring/Toxics

-Permitting

SPECIAL INSTRUCTIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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ADMINISTRATIVE OFFICES, LEGAL &  
WATER MANAGEMENT DIVISION  
1900 - 9TH AVENUE  
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WASTE MANAGEMENT DIVISION  
TELEPHONE (813) 272-5788

WETLANDS MANAGEMENT DIVISION  
TELEPHONE (813) 272-7104

MEMORANDUM

**DATE:** February 17, 2000

**TO:** A. A. Linero, P.E.

**FROM:** Gabriel Castaño **THRU:** Rick Kirby, P.E.

**SUBJECT:** Tampa Electric Company – F.J. Gannon Power Plant – Hillsborough County  
DEP Permit File No. 0570040-010 AC Solid Fuel Handling and Storage  
System (Crusher House) Modification

On February 14, 2000 the HCEPC received a copy of the Draft Air Construction Permit Amendment for the modification of the Crusher House at the Solid Fuel Handling and Storage System of this facility, from FDEP engineer Mr. C.H. Fancy. The EPC is in agreement with the Department of Environment Protection Intent to Issue an Air Construction Permit Amendment. Our staff reviewed the Draft Air Construction Permit Amendment, and no additional information is needed in order to continue processing.

Thank you for the opportunity to provide comments on this project.

Cc: Mr. Gregory M. Nelson , P.E.,TECO



Z 031 391 935

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*Mr. Gregory Nelson, PE  
 Manager, Enw. Planning  
 JECO  
 6944 US Hwy 41 N.  
 Tampa, FL 33572-9200*

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*2 031 391 935*

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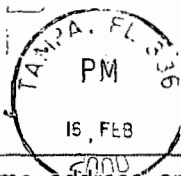
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Division of Air Resources Management  
Bureau of Air Regulation, NSRS  
2600 Blair Stone Road, MS 5505  
Tallahassee, Florida 32399-2400

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FEB 18 2000

BUREAU OF AIR REGULATION





Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

February 11, 2000

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Gregory M. Nelson, P.E.  
Manager, Environmental Planning  
Tampa Electric Corporation  
6944 U.S. Highway 41 North  
Tampa, Florida 33572-9200

Dear Mr. Nelson:

RE: Tampa Electric Company - F.J. Gannon Power Plant - Hillsborough County  
DEP Permit File No. 0570040-010 AC Solid Fuel Handling and Storage System  
(Crusher House) Modification

Enclosed is one copy of the Draft Air Construction Permit Amendment for the modification of the Crusher House at the Solid Fuel Handling and Storage System of this facility. This emission unit is located at the TEC facility (F.J. Gannon Power Plant) in Port Sutton Road, Hillsborough County. The Department's Intent to Issue Air Construction Permit Amendment and the "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" are also included.

The Public Notice must be published one time only as soon as possible in a newspaper of general circulation in the area affected, pursuant to Chapter 50, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any other questions, please call Ms. Teresa Heron at 850/921-9529.

Sincerely,

C. H. Fancy, P.E., Chief,  
Bureau of Air Regulation

CHF/aal

Enclosures

In the Matter of an  
Application for Permit by:

Mr. Gregory M. Nelson, Manager Environmental Planning  
Tampa Electric Company  
6944 U.S. Highway 41 North  
Tampa, Florida 33572-9200

DEP Previous File No. 0570040-007-AC  
DRAFT Permit No.: 0570040-010-AC  
Coal Yard Modification (Crusher House)  
Hillsborough County

### INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit (copy of DRAFT Permit attached) for the proposed project, detailed in the application specified above for the reasons stated below.

The applicant, Tampa Electric Company (TEC), applied on February 2, 2000 to the Department for re-issuance of the air construction permit to modify the Crusher House at the F.J. Gannon Power Plant Coal Yard (Emission Unit 008) by adding two new additional 600 TPH crushers. The original permit expired on December 31, 1999. The F.J. Gannon Power Plant facility is located at Port Sutton Road, Tampa, Hillsborough County.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that an air construction permit is required to conduct the work.

The Department intends to issue this air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1., F.A.C., you (the applicant) are required to publish at your own expense the enclosed "Public Notice of Intent to Issue Air Construction Permit." The notice shall be published one time only in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax 850/922-6979). The Department suggests that you publish the notice within thirty days of receipt of this letter. You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in section 50.051, F.S. to the office of the Department issuing the permit or other authorization. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) & (11), F.A.C.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of "Public Notice of Intent to Issue Air Construction Permit." Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station # 35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. Mediation is not available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying

(implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.



C. H. Fancy, P.E., Chief  
Bureau of Air Regulation

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AIR CONSTRUCTION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 2-10-00 to the person(s) listed:

Mr. Gregory M. Nelson, P.E. \*  
Mr. Bill Thomas, SWD  
Mr. James Hunter, TEC  
Mr. Jerry Campbell, EPCHC

Clerk Stamp

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

Keri Joben  
(Clerk)

2-10-00  
(Date)



NOTICE TO BE PUBLISHED  
IN THE NEWSPAPER

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP File No. 0570040-010-AC  
Tampa Electric Company- F.J. Gannon Power Plant  
Coal Yard Crusher House Modification  
Hillsborough County

The Department of Environmental Protection (Department) gives notice of its intent to re-issue an air construction permit to Tampa Electric Company. The original permit issued on February 5, 1999 expired on December 31, 1999. There is no change associated with the re-issuance of this permit. The permit is to modify the Crusher House at the F.J Gannon Power Plant Coal Yard located at Port Sutton Road, Tampa, Hillsborough County. A Best Available Control Technology (BACT) determination was not required pursuant to Rules 62-212.400, F.A.C. and 40 CFR 52.21. The applicant's name and address are Tampa Electric Company (TEC), 6944 U.S. Highway 41 North, Tampa, Florida 33572-9200.

This modification will allow the addition of two new 600 tons per hour (TPH) crushers to be located upstream of the existing 400 TPH crusher pairs. The existing crushers will serve as back-up/overflow for the new crushers. The main purpose of the new crushers is to provide a finer grind to minimize carryover of partially combusted coal to the flyash collection system. The problem, known as "high flyash loss on ignition," was exacerbated by a switch to low heat, high moisture coal used to reduce nitrogen oxides emissions. The addition of the two new crushers will not increase the coal feed rate to the boilers since the currently permitted belt speed rate of 800 TPH each, before and after the crusher house, will not be changed. An insignificant increase of less than one (1) ton per year in actual emissions is expected from this modification. Most of the described work was completed prior to expiration of the permit.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of "Public Notice of Intent to Issue Air Construction Permit." Any written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below. Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station # 35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within fourteen days of

**NOTICE TO BE PUBLISHED  
IN THE NEWSPAPER**

publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Protection	Department of Environmental Protection	Hillsborough County Environmental Protection Commission
Bureau of Air Regulation	Southwest District Office	1410 North 21 Street
111 S. Magnolia Drive, Suite 4	3804 Coconut Palm Drive	Tampa, Florida 33605
Tallahassee, Florida 32301	Tampa, Florida 33619-8218	Telephone: 813/272-5530
Telephone: 850/488-0114	Telephone: 813/744-6100	Fax: 813/272-5605
Fax: 850/922-6979	Fax: 813/744-6084	

The complete project file includes the Draft Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the New Source Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114, for additional information.

**PERMITTEE:**

Tampa Electric Company (TEC)  
F.J. Gannon Station  
6944 U.S. Highway 41 North  
Tampa, Florida 33572-9200

File No.	0570040-010-AC
Project	Crusher House Modification
SIC No.	4911
ARMS No.	Coal Yard Emissions Unit 008
Expires:	December 31, 2000

*Authorized Representative:*  
Gregory M. Nelson, P.E  
Manager, Environmental Planning

**PROJECT AND LOCATION:**

Re-issued construction permit for the installation of two additional 600 tph (each) fine grind crushers at the Crusher House. The existing 800 tph crusher pairs will serve as back-up/overflow for the new crushers. The new crushers will be installed upstream of the existing crusher pairs. The Crusher House is located at the facility's Coal Yard which is designated in the ARMS system as Emissions Unit (E.U.) 008. This E.U. is located at the F.J. Gannon Power Plant, Port Sutton Rd, Tampa, Hillsborough County. UTM coordinates are: Zone 17; 360.00 km E; 3087.50 km N.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The above named permittee is authorized to modify the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

Attached appendix made a part of this permit:

Appendix GC

Construction Permit General Conditions

\_\_\_\_\_  
Howard L. Rhodes, Director  
Division of Air Resources Management

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION I. FACILITY INFORMATION

---

### 1.0 FACILITY DESCRIPTION

This facility, F.J. Gannon Station, consists of six steam boilers (Units 1 through 6); six steam turbines; one simple-cycle combustion turbine; a once-through cooling water system; solid fuels, fluxing material, fly ash, slag, and fuel storage/handling facilities; fuel storage tanks; and ancillary support equipment. The nominal output is 1,317 megawatts (MW). The facility utilizes coal as its primary fuel for Units 1-6. The combustion turbine is allowed to burn new No. 2 fuel oil, with a maximum sulfur content of 0.5% by weight.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

### 2.0 PROJECT DESCRIPTION

This project modification is for the construction/modification of the coal yard's crusher house serving the Gannon Station's boilers 1 through 6.

Two new fine grind crushers (Crushers 3A and 3B) will be installed in the existing crusher house. Crusher 3A will receive coal from belt G1 and Crusher 3B will receive coal from belt G2. Any portion of the coal directed to Crusher 3A may instead be routed to existing Crusher 1 via a G1 belt extension. Likewise, any portion of coal directed to Crusher 3B may instead be routed to existing Crusher 2 via a G2 belt extension.

Belts H1 and H2 will be extended to accommodate the new crushers. These new Crushers 3A and 3B will each be rated at 600 tons per hour and will feed to belts H1 and H2, respectively. The existing Crushers pairs (1A1B and 2A2B) are each rated at 800 tons per hour and will continue to feed to belts H1 and H2, respectively.

The existing crushers will serve as back-up/overflow for the new crushers. The new crushers addition will not increase the coal feed rate to the boilers because the belt speeds before and after the crusher house are not changing from the currently rated 800 tph. The new crushers will allow TEC to maintain its current feed rate while re-establishing consistent fine grind capability. The coal throughput will remain at the permitted rate of 2.85 million tons coal per year.

This project modification comprises the emissions points FH032 through FH 035a:

The estimated total PM/PM<sub>10</sub> emissions as a result of this crusher house modification would not exceed 1 TPY.

### 3.0 REGULATORY CLASSIFICATION

The facility, F.J. Gannon Station Power Plant, is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant, such as particulate matter (PM/PM<sub>10</sub>), sulfur dioxide (SO<sub>2</sub>), nitrogen oxides (NOX), carbon monoxide (CO), or volatile organic compounds (VOC) exceeds 100 tons per year (TPY).

This facility is within an industry included in the list of the 28 Major Facility Categories per Table 62-212.400-1, F.A.C. Because emissions are greater than 100 TPY for at least one criteria pollutant, the facility is also a Major Facility with respect to Rule 62-212.400, Prevention of Significant Deterioration (PSD).

This facility is located in an area (Hillsborough County) designated "unclassifiable" for SO<sub>2</sub>, "maintenance" for Ozone (O<sub>3</sub>), particulate matter (PM), and lead (Pb), and "attainment" for all the other criteria pollutants (Rule 62-204.360, F.A.C.).

This facility (6 steam boilers) is also subject to the provisions of Title IV, Acid Rain, Clean Air Act as amended in 1990.

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION I. FACILITY INFORMATION

### 4.0 EMISSIONS UNIT(S)

#### Emissions Unit

This permit addresses the following emissions points within the following emissions unit :

EMISSIONS UNIT NO.	SYSTEM	DESCRIPTION*
ARMS E. U. No. 008 Coal Yard	Fuel Handling and Storage System	Fugitive Emissions Points FH 032 through FH 035a

Crusher House Modification :

<u>Source Designator</u>	<u>PM Control Method</u>	<u>Efficiency Rating</u>	<u>Design Capacity</u>	<u>Emission Point</u>	<u>Emission Rate (TPY)</u>
Conveyor G1 to Crusher 3A	Enclosure & Dust Suppressants	90%	800 TPH	FH032	0.09
Crusher 3A to Conveyor G1	Enclosure & Dust Suppressants	90%	800 TPH	FH032a	0.04
Conveyor G1 to Crushers 1A1B	Enclosure & Dust Suppressants	90%	800 TPH	FH032b	0.04
Conveyor G2 to Crusher 3B	Enclosure & Dust Suppressants	90%	800 TPH	FH033	0.09
Crusher 3B to Conveyor G2	Enclosure & Dust Suppressants	90%	800 TPH	FH033a	0.04
Conveyor G2 to Crushers 2A2B	Enclosure & Dust Suppressants	90%	800 TPH	FH033b	0.04
Crushers 1A1B to Conveyor H1	Enclosure & Dust Suppressants	90%	800 TPH	FH034	0.04
Crusher 3A to Conveyor H1	Enclosure & Dust Suppressants	90%	600 TPH	FH034a	0.04
Crushers 2A2B to Conveyor H2	Enclosure & Dust Suppressants	90%	800 TPH	FH035	0.04
Crusher 3B to Conveyor H2	Enclosure & Dust Suppressants	90%	600 TPH	FH035a	0.04
Total PM/PM <sub>10</sub> Emissions					0.50

The Coal Yard facility (ARMS Emissions Unit 008), is regulated under Rule 62-296.700, F.A.C., Reasonably Available Control Technology (RACT) Particulate Matter and Rule 62-296.711, F.A.C., Materials Handling, Sizing, Screening, Crushing and Grinding Operations.

### 5.0 PERMIT SCHEDULE

- 0X/XX/00 Notice of Intent published in the Tampa Tribune
- 0X/XX/00 Distributed Intent to Issue Permit
- 02/02/00 Application deemed complete
- 02/02/00 Received Application

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION I. FACILITY INFORMATION

### 6.0 RELEVANT DOCUMENTS:

The documents listed below are the basis of the permit. They are specifically related to this permitting action, but not all are incorporated into this permit. These documents are on file with the Department.

- Application received on February 2, 2000
- Department's Intent to Issue and Public Notice Package dated February 11, 2000
- Permit 0570040-007-AC issued on February 5, 1999 and related files

### 7.0 PERMITTING HISTORY:

<u>E.U. ID No</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>
008	Coal Yard	AO29-216480	4/23/93	9/12/97
		AC29-114676	5/19/87	9/30/87
		AC29-152987	12/6/88	6/1/89
		AC29-061276	4/12/83	12/31/84
		0570040-007-AC	2/5/99	12/31/99

**0570040-007-AC: Fuel Yard Crusher House Modification**

A modification of the Fuel Yard Crusher House to allow the addition of two new fine grind crushers (Crushers 3A and 3B) to be installed in the existing crusher house.

**AC29-061276: Coal Handling Modification at the Gannon Coal Yard**

A modification of the Coal Yard to allow an increase of the throughput rate from 1,270,000 tons per year to 2.40 million tons per year was approved in 1983. This modification reconverted Boilers 1-4 from oil burning back to coal because of the increasing of price of crude oil at that time. This permit was issued in 1983.

**AC29-114676: Coal Handling Modification at the Gannon Coal Yard - Revision of Permit AC29-61276.**

The modification of the permit revised the coal throughput from 2.40 to 2.85 million tons per year. This revision was approved in 1987.

**AC29-152987: Replacement of the existing west grab bucket-hopper coal unloading system with a 1,500 TPH new coal unloader.** This permit was issued in 1988. This emission point is part of the ARMS Emission Unit 008 Coal Yard.

**AO29-216480: This operation permit covers the entire Coal Yard operation.**

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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### 1.0 ADMINISTRATIVE

- 1.1 Applicable Regulations: Unless otherwise indicated, the construction and operation of these emission units shall be in accordance with the capacities and specifications stated in the application. The permittee is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, and the Code of Federal Regulations Section 40, Part 60. Specifically, this project is subject to applicable requirements of the New Source Performance Standards (NSPS) for Coal Processing Plants, Subpart Y, identified by the Code of Federal Regulations and incorporated by reference in the Florida Administrative Code regulation 62-204.800. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, and 62-204.800, F.A.C.]
- 1.2 Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP), at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344. All documents related to reports, tests, and notifications should be submitted to the DEP Southwest District office (DEPSW), 3804 Coconut Palm Drive, Tampa, Florida 33619 and phone number 813/744-6100 and the Hillsborough County Environmental Protection Commission (HCEPC), 1410 North 21 Street, Tampa, Florida 33605, and phone number 813/272-5530.
- 1.3 Modification: The permittee shall give prior written notification to the Department and the HCEPC when there is any modification to this facility. This notice shall be submitted sufficiently in advance of any critical date involved to allow sufficient time for review, discussion, and revision of plans, if necessary. Such notice shall include, but not be limited to, information describing the precise nature of the change; modifications to any emission control system; production capacity of the facility before and after the change; and the anticipated completion date of the change. [Chapters 62-210 and 62-212 F.A.C.]
- The changes may include, but are not limited to, the following, and may also require prior authorization before implementation:
- A. Alteration or replacement of any equipment\* or parameter listed in the description.
  - B. Installation or addition of any equipment\* which is a source of air pollution.
  - C. Any changes in the method of operation, raw materials, products or fuels.
- \* Not applicable to normal maintenance and repairs, and vehicles used for transporting material.  
[Rule 62-4.070(3), F.A.C., Rule 62-210.300, F.A.C.]
- 1.4 General Conditions: The owner and operator is subject to and shall be aware of and operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- 1.5 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapter of the Florida Administrative Code.
- 1.6 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C., when appropriate and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- 1.7 Expiration: This air construction permit shall expire on December 31, 2000. [Rule 62-210.300(1), F.A.C.]

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the HCEPC and the DEP SWD offices of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.080, F.A.C.]

- 1.8 Application for Title V Permit: A revision of the Title V operating permit application pursuant to Chapter 62-213, F.A.C., shall be submitted to the DEPs Bureau of Air Regulation and a copy to the HCEPC and DEP's SW District offices in Tampa. [Chapter 62-213, F.A.C.]
- 1.9 New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., for good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

### 2.0 EMISSION LIMITING STANDARDS

- 2.1 RACT Visible Emissions Standard: [Rule 62-296-700, F.A.C.] Unless otherwise specified, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from these emissions units, the opacity of which is equal to:

- Visible emissions from PM unconfined particulate matter sources shall not exceed 5% opacity.
- Water sprays or chemical wetting agents and stabilizers are acceptable methods to be used on coal storage piles as necessary to maintain an opacity of less than or equal to 5%. Other appropriate methods may be applied to maintain this opacity, after they are approved by the Department.

[AC 29-114676]

- 2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]

- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Reasonable precautions include but are not limited to the following:
- Paving and maintenance of roads, parking areas and yards.
  - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
  - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
  - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
  - Landscaping or planting of vegetation.
  - Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
  - Confining abrasive blasting where possible.



# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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- Enclosure or covering of conveyor systems.

(c) Emission Control Methods for the Crusher House are enclosures and dust suppressants.

*NOTE: Facilities that cause frequent, valid complaints may be required by the Permitting Authority to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

### 2.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320 (1), F.A.C.]

(b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

*NOTE: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]*

### 3.0 OPERATION AND MAINTENANCE

#### 3.1 The Operation and Maintenance Plan for Particulate Control

##### A. Process Parameters:

1. Operation schedule: 8760 hours per year
2. Equipment Data:  
Conveyor Hoods: corrugated Aluminum  
Transfer Point Enclosures: Carbon Steel
3. Wet Dust Suppression:  
Manufacturer: Martin Marietta

##### B. Inspection and Maintenance Procedures:

The coal yard particulate control equipment receive regular preventative maintenance as follows:

##### Conveyor Enclosures:

1. Daily random visual inspections of conveyor hoods.
2. Daily random visual inspection of the transfer points chute work

##### Dust Suppression System:

1. Quarterly inspection of system for water leaks.
2. Quarterly inspection of spray nozzles.

The pumps, tanks, etc., that make-up the dust suppression system undergo normal maintenance including lubrication, flushing, and draining.  
[Rule 62-296.700, F.A.C. and Application submitted May 28, 1998]

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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- 3.2 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall notify the HPCEC and Southwest District office in Tampa as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]
- 3.3 Circumvention: The owner or operator shall not circumvent any air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]
- 3.4 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]
- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Southwest District office for longer duration. [Rule 62-210.700(1), F.A.C.]
  - (b) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]
  - (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify the Air Control Section of the DEPSW District and the HCEPC offices within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

### 4.0 MONITORING OF OPERATIONS

#### 4.1 Determination of Process Variables:

- (a) The permittee shall install, operate, and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards. [Rule 62-297.310 (5), F.A.C.]
- (b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

### 5.0 TEST AND COMPLIANCE REQUIREMENTS

- 5.1 Test Performance: Within 60 days after achieving the maximum production rate at which this facility will be operated; but not later than 180 days after initial startup up and annually thereafter, the owner or operator shall conduct performance test(s) for Visible Emissions (Opacity) pursuant to 40 CFR 60.8, Performance Tests, Rule 62-296.310 F.A.C., 40 CFR 60, Appendix A. Subsequent opacity compliance tests shall be conducted for a

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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duration of 30 minutes in accordance with Rule 62-297.310(4)2., F.A.C. [Rule 62-204.800, F.A.C and Rule 62-297.310, F.A.C.]

- 5.2 Test Procedures and Test Reports shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]
- 5.3 Test Notification: The owner or operator shall notify the HCEPC and the DEPSW District offices in Tampa in writing at least (30) days [initial] and (15) days [annual] prior to conducting each scheduled compliance test. The notification shall include the test date, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]
- 5.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Southwest District office in Tampa. [Rule 62-297.310, F.A.C.]
- 5.5 Compliance Testing: All compliance testing shall be conducted during normal operation and at the maximum material (including limestone or iron ore where applicable) transfer rate attainable during the test period. Actual material handling rates will be determined using the totalizer readings obtained from scales located on C, L, and H conveyors. The readings from these scales will be recorded at the start and finish of the visible emissions test. The difference between the value recorded divided by the test duration will be the value used to represent the material handling rate. Alternatively, values from the circular chart recorders located in the coal field control room will be used in the event a problem with a scale totalizer arises. The test result shall indicate if iron ore has been included in the corresponding material transfer rate. Failure to include the actual process or production rate in the results may invalidate the test. [Rule 62-4.070(3), F.A.C. and AO29-216480]
- 5.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in Rule 62-297.620, F.A.C.
- 6.0 **REPORTS AND RECORDS**
- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [62-4.160(14)(b), F.A.C.]
- 6.2 Operation and Maintenance. Records of inspections, maintenance, and performance parameters shall be made available to the HCEPC and the SW DEP offices upon request. [Rules 62-213.440(1)(b)2.b. and 62-296.700(6)(e), F.A.C.]

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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### 6.2 Emission Compliance Stack Test Reports:

- (a) A *test report* indicating the results of the required compliance tests shall be filed with the HPCEC and the Southwest District offices in Tampa as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310, F.A.C.]
- (b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department and the HCEPC to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in Rule 62-297.310(8), F.A.C.

6.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Air Section of the HPCEC and the Southwest District offices within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the New Source Performance Standards, excess emissions shall also be reported in accordance with 40 CFR 60.7. [Rules 62-4.130 and 62-210.700(6), F.A.C.]

6.4 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Department this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

### 7.0 OTHER REQUIREMENTS

7.1 This permit (addition of the two 600 tph new crushers) does not supersede or change any applicable requirement or previous construction/operation permits for the ARMS Emission Unit No. 008 Coal Yard (as a whole).

# AIR CONSTRUCTION PERMIT 0570040-010-AC

## SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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### 1.0 ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

- 1.1. Permitted Capacity. The maximum permitted process rate for the coal yard shall not exceed 2.85 million tons/year.  
[Rules 62-4.160(2), and 62-210.200 (PTE), F.A.C. and AC29-114676]

### 2.0 OPERATING REQUIREMENTS

- 2.1 Hours of Operation. The crusher house is allowed to operate continuously, i.e., 8,760 hours/year.  
[Rules 62-4.160(2) and 62-210.200, F.A.C., P.T.E.]

### 3.0 EMISSION LIMITATIONS AND STANDARDS

- 3.1 Visible Emissions. Visible emissions generated by fugitive or unconfined particulate matter from the coal yard's crusher house shall not exceed 5% opacity.  
[Rule 62-296.711(2)(a), F.A.C. AC29-61276 and AC29-114676]

### 4.0 TEST METHODS AND PROCEDURES

- 4.1 Test Methods: The test method for visible emissions shall be determined using EPA Method 9, adopted and incorporated by reference in Rule 62-204.800, F.A.C., and referenced in Chapter 62-297, F.A.C.  
[Rules 62-204.800, 62-297.310(7)(a)4., and 62-297.400, F.A.C.]

### 5.0 MONITORING OF OPERATIONS

- 5.1 Operation and Maintenance Plan (O&MP): The crusher house shall comply with the O&MP for the Coal Yard Particulate Control as specified in Section II: Condition 3.1.  
[Rule 62-296.700, F.A.C, Applicant request on application submitted on May 28,1998]

### 6.0 NSPS REQUIREMENTS

- 6.1 The new crushers shall comply with all applicable requirements of 40CFR60, Subpart A, General Provisions. In addition, the new crushers shall comply with 40CFR60, NSPS for Coal Preparation Plants, Subpart Y.  
[Rule 62-204.800 F.A.C., 40CFR60, Subpart Y]

### 7.0 REASONABLE ASSURANCES

- 7.1 All controls associated with the transfer points (i.e., the enclosures and dust suppression) shall be maintained to the extent that the capture efficiencies credited will be achieved. Reasonable precautions to prevent unconfined emissions of particulate matter shall be in accordance with Rule 62-296.320(7).F.A.C  
[Rule 62-4.070(3), and Rule 62-296.320(7) F.A.C.]

**APPENDIX GC**  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- a) Have access to and copy and records that must be kept under the conditions of the permit;
  - b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- a) A description of and cause of non-compliance; and
  - b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

**APPENDIX GC**  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- a) Determination of Best Available Control Technology ( )
  - b) Determination of Prevention of Significant Deterioration ( ); and
  - c) Compliance with New Source Performance Standards (X).
- G.14 The permittee shall comply with the following:
- a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Florida Department of  
Environmental Protection

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Memorandum

TO: Clair Fancy

THRU: Al Linero

FROM: Teresa Heron *TH*

DATE: February 11, 2000

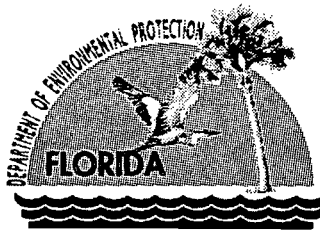
SUBJECT: Tampa Electric Company (TEC) - F.J. Gannon Station. Permit re-issuance  
Application to Construct/Modify the Solid Fuel Handling and Storage System.  
DEP File No. 0570040-010-AC

Attached is the public notice package including the draft permit, PN and Intent for the re-issuance of the air construction permit for the above mentioned facility. This permit was originally issued on February 5, 1999 but expired on December 31, 1999.

We recommend your approval and signature.

TH/kt





Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

## P.E. Certification Statement

**Permittee:**

Tampa Electric Company  
6944 U.S. Highway 41 North  
Tampa, Florida 33572-9200

**DEP File No. 0570040-010-AC**

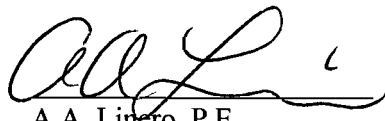
*(Re-Issue of 057004-007-AC)*

**Project type:**

**Coal Yard Crusher House Modification**

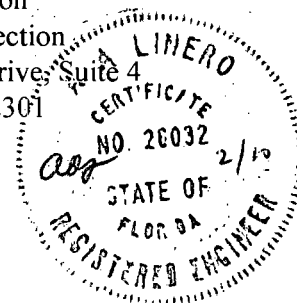
This project will allow the addition of two new 600 tons per hour (TPH) crushers to be located upstream of the existing 400 TPH crusher pairs. The existing crushers will serve as back-up/overflow for the new crushers. The main purpose of the new crushers is to provide a finer grind to minimize carryover of partially combusted coal to the flyash collection system. The problem, known as "high flyash loss on ignition," was exacerbated by a switch to low heat, high moisture coal used to reduce nitrogen oxides emissions. The addition of the two new crushers will not increase the coal feed rate to the boilers since the currently permitted belt speed rate of 800 TPH each, before and after the crusher house, will not be changed. An insignificant increase of less than one (1) ton per year in actual emissions is expected from this modification.

*I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).*

 2/10/00  
Date

A A. Linero, P.E.  
Registration Number: 26032

Department of Environmental Protection  
Bureau of Air Regulation  
New Source Review Section  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301  
Phone (850) 921-9523  
Fax (850) 922-6979



"Protect, Conserve and Manage Florida's Environment and Natural Resources"



**RECEIVED**  
FEB 07 2000  
BUREAU OF AIR REGULATION

February 3, 2000

Mr. Jerry Kissel, P.E.  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**Via Hand Delivery**

**Re: Tampa Electric Company (TEC)  
F. J. Gannon Station  
Unit No. 3 Wood-Derived Fuel  
Construction Permit Application**

Dear Mr. Kissel:

On February 16, 1999, the Department issued an air construction permit (DEP File No. 0570040-008-AC) to Tampa Electric Company (TEC) for the construction permit modification to allow for the combustion of a coal/wood-derived fuel (WDF) blend in Unit 3. This permit had an expiration date of December 31, 1999. Since the conditions of Permit No. 0570040-008-AC were not incorporated into an operating permit and the construction permit has expired, TEC is requesting that a new construction permit be issued, so that the conditions can be properly incorporated into the Title V permit application for F.J. Gannon Station. Please find enclosed three (3) signed and sealed copies of TEC's updated "Application Information" section of the permit application for this project. The balance of the permit application and other relevant documents associated with the issuance of Permit No. 0570040-008-AC is on-file with the Department and remains the same. A check for \$250.00 to the Florida Department of Environmental Protection is also enclosed for the processing of the reissued air construction permit.

The fourth signed and sealed copy of the updated information is being submitted to the Environmental Protection Commission of Hillsborough County (EPC) along with a check for \$960.00 to cover EPC's permit review fee.

Mr. Jerry Kissel, P.E.

February 3, 2000

Page 2 of 2

TEC would be pleased to meet with you or your staff at your convenience to discuss this request in detail. If you have any additional questions or comments, feel free to contact me at (813) 641-5033. Thank you for your assistance on this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Hunter', with a large, sweeping flourish extending to the left.

James Hunter  
Administrator – Air Programs  
Environmental Planning

EP\gm\JJH913

Enclosures

c/enc: **Mr. Clair Fancy - FDEP**  
Mr. Richard Kirby - EPCHC



# Department of Environmental Protection

## Division of Air Resources Management

### 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: Tampa Electric Company	
2. Site Name: F.J. Gannon Station	
3. Facility Identification Number: 0570040 <span style="float: right;">[ ] Unknown</span>	
4. Facility Location: Street Address or Other Locator: 3602 Port Sutton Road City: Tampa <span style="margin-left: 100px;">County: Hillsborough</span> <span style="float: right;">Zip Code: 33619</span>	
5. Relocatable Facility? [ ] Yes <span style="margin-left: 20px;">[X] No</span>	6. Existing Permitted Facility? [X] Yes <span style="margin-left: 20px;">[ ] No</span>

##### Application Contact

1. Name and Title of Application Contact: James Hunter, Administrator – Air Programs	
2. Application Contact Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa <span style="margin-left: 100px;">State: FL</span> <span style="float: right;">Zip Code: 33572-9200</span>	
3. Application Contact Telephone Numbers: Telephone: (813 ) 641-5033 <span style="margin-left: 150px;">Fax: (813 ) 641-5081</span>	

##### 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: \_\_\_\_\_

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**

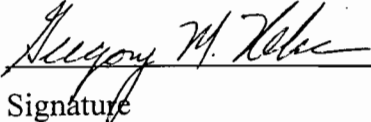
This Application for Air Permit is submitted to obtain: (Check one)

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.

**Owner/Authorized Representative or Responsible Official**

1. Name and Title of Owner/Authorized Representative or Responsible Official: Gregory M. Nelson, Manager, Environmental Planning
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [X], if so) or the responsible official (check here [ ], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   _____ Signature  2/3/00 _____ Date

\* Attach letter of authorization if not currently on file.

**Professional Engineer Certification**

1. Professional Engineer Name: Gregory M. Nelson Registration Number: 44078
2. Professional Engineer Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Professional Engineer Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081

4. Professional Engineer Statement:

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

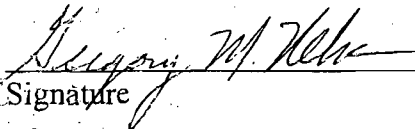
*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant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

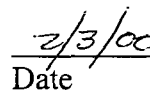
*(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions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

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Date

(seal)

\* Attach any exception to certification statement.





**Construction/Modification Information**

1. Description of Proposed Project or Alterations:

Tampa Electric Company (TEC) was authorized by FDEP to conduct a test burn of an 80-percent coal/20-percent wood-derived fuel (WDF) fuel blend for comparison to baseline coal emissions (see Attachment A for a copy of the FDEP test burn letters of authorization). TEC conducted the test burn from March 4 through May 27, 1998.

The results from the test burn enabled TEC to conduct a screening analysis to determine whether future long-term firing of coal/WDF blends would constitute a modification subject to Prevention of Significant Deterioration (PSD) review pursuant to Chapter 62-212.4000, Florida Administrative Code (F.A.C.). The analysis of PSD applicability as shown in Attachment B was conducted by comparing the fuel blend test results with actual past emissions and the 100-percent coal baseline emission test data in accordance with the FDEP authorization letter dated March 20, 1997. This comparison shows that PSD review is not applicable to this permit amendment request.

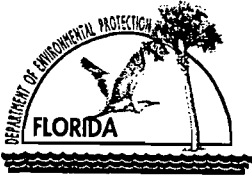
Based on the test burn results, TEC requests the F.J. Gannon Station Unit No. 3 permit be modified to allow for the combustion of coal and WDF blends on a permanent basis as an alternative method of operation to the currently approved use of 100-percent coal. Specifically, approval to combust blends of coal and WDF containing up to 10 weight percent WDF is requested.

As indicated, an analysis of the PSD applicability along with the complete test burn report are provided in Attachments B and D, respectively. In addition, a no-threat-level guidance analysis is provided in Attachment C for those metals cited in FDEP's test burn approval.

2. Projected or Actual Date of Commencement of Construction:

3. Projected Date of Completion of Construction:

**Application Comment**



# Department of Environmental Protection

## Division of Air Resources Management

### 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: Tampa Electric Company	
2. Site Name: F.J. Gannon Station	
3. Facility Identification Number: 0570040 [ ] Unknown	
4. Facility Location: Street Address or Other Locator: 3602 Port Sutton Road City: Tampa County: Hillsborough Zip Code: 33619	
5. Relocatable Facility? [ ] Yes [X] No	6. Existing Permitted Facility? [X] Yes [ ] No

##### Application Contact

1. Name and Title of Application Contact: James Hunter, Administrator – Air Programs	
2. Application Contact Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200	
3. Application Contact Telephone Numbers: Telephone: (813) 641-5033 Fax: (813) 641-5081	

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

1. Date of Receipt of Application:	February 2, 2000
2. Permit Number:	0570040-10-AC
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.)

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- 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: \_\_\_\_\_

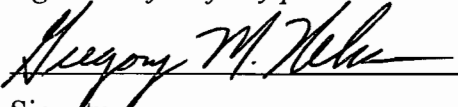
Reason for revision: \_\_\_\_\_

**Air Construction Permit Application**

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- 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.

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1. Name and Title of Owner/Authorized Representative or Responsible Official: Gregory M. Nelson, Manager, Environmental Planning
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081
4. Owner/Authorized Representative or Responsible Official Statement:  <i>I, the undersigned, am the owner or authorized representative*(check here [X], if so) or the responsible official (check here [ ], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   Signature _____ Date <u>2/1/00</u>

\* Attach letter of authorization if not currently on file.

**Professional Engineer Certification**

1. Professional Engineer Name: Gregory M. Nelson Registration Number: 44078
2. Professional Engineer Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Professional Engineer Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081

4. Professional Engineer Statement:

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

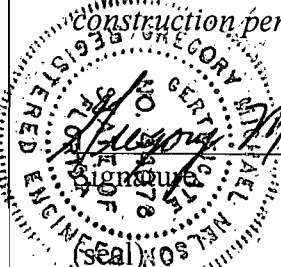
*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant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

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2/1/00  
Date

\* Attach any exception to certification statement.



**Construction/Modification Information**

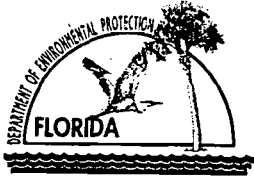
1. Description of Proposed Project or Alterations:

Modification of the Crusher House at the F.J. Gannon Station Fuel Yard by adding two new additional 600 TPH crushers.

2. Projected or Actual Date of Commencement of Construction:

3. Projected Date of Completion of Construction:

**Application Comment**



# Department of Environmental Protection

## Division of Air Resources Management

### 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: Tampa Electric Company	
2. Site Name: F.J. Gannon Station	
3. Facility Identification Number: 0570040 <span style="float: right;"><input type="checkbox"/> Unknown</span>	
4. Facility Location: Street Address or Other Locator: 3602 Port Sutton Road City: Tampa <span style="margin-left: 100px;">County: Hillsborough</span> <span style="margin-left: 100px;">Zip Code: 33619</span>	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

##### Application Contact

1. Name and Title of Application Contact: James Hunter, Administrator – Air Programs	
2. Application Contact Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa <span style="margin-left: 100px;">State: FL</span> <span style="margin-left: 100px;">Zip Code: 33572-9200</span>	
3. Application Contact Telephone Numbers: Telephone: (813 ) 641-5033 <span style="margin-left: 150px;">Fax: (813 ) 641-5081</span>	

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

1. Date of Receipt of Application:	February 2, 2000
2. Permit Number:	0570040-10-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	



**Purpose of Application**

**Air Operation Permit Application**

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

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

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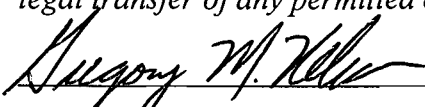
Reason for revision: \_\_\_\_\_

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- Air construction permit for one or more existing, but unpermitted, emissions units.

**Owner/Authorized Representative or Responsible Official**

1. Name and Title of Owner/Authorized Representative or Responsible Official: Gregory M. Nelson, Manager, Environmental Planning
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [X], if so) or the responsible official (check here [ ], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   Signature _____ Date <u>2/1/00</u>

\* Attach letter of authorization if not currently on file.

**Professional Engineer Certification**

1. Professional Engineer Name: Gregory M. Nelson Registration Number: 44078
2. Professional Engineer Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Professional Engineer Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081

4. Professional Engineer Statement:

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

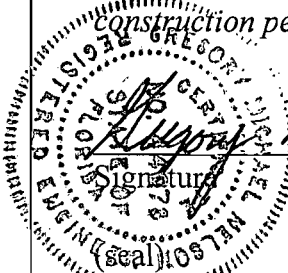
*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant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

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*Gregory Nelson*  
\_\_\_\_\_  
Signature

*2/1/00*  
\_\_\_\_\_  
Date

\* Attach any exception to certification statement.

**Scope of Application**

<b>Emissions Unit ID</b>	<b>Description of Emissions Unit</b>	<b>Permit Type</b>	<b>Processing Fee</b>
008	Solid Fuel Handling and Storage ( Crusher House)	ACIF	\$250

**Application Processing Fee**

Check one:  Attached - Amount: \$ 250 \_\_\_\_\_  Not Applicable

**Construction/Modification Information**

1. Description of Proposed Project or Alterations:

Modification of the Crusher House at the F.J. Gannon Station Fuel Yard by adding two new additional 600 TPH crushers.

2. Projected or Actual Date of Commencement of Construction:

3. Projected Date of Completion of Construction:

**Application Comment**



TAMPA ELECTRIC

February 1, 2000

Mr. A.A. Linero, P.E., Administrator  
New Source Review Section  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

Via Hand Delivery

RECEIVED

FEB 02 2000

BUREAU OF AIR REGULATION

Re: Tampa Electric Company (TEC)  
F. J. Gannon Station  
Fuel Yard Crusher House Modification  
Construction Permit Application

0570040-10-AC

Dear Mr. Linero:

On February 5, 1999, the Department issued an air construction permit (DEP File No. 0570040-007-AC) to Tampa Electric Company (TEC) to modify the Crusher House at the F. J. Gannon Fuel Yard by adding two new additional crushers. This permit had an expiration date of December 31, 1999. Since the conditions of Permit No. 0570040-007-AC were not incorporated into an operating permit and the construction permit has expired, TEC is requesting that a new construction permit be issued, so that the conditions can be properly incorporated into the Title V permit application for F.J. Gannon Station. Please find enclosed three (3) signed and sealed copies of TEC's updated "Application Information" section of the permit application for this project. The balance of the permit application and other relevant documents associated with the issuance of Permit No. 0570040-007-AC is on-file with the Department and remains the same. A check for \$250.00 to the Florida Department of Environmental Protection is also enclosed for the processing of the reissued air construction permit.

The fourth signed and sealed copy of the updated information is being submitted to the Environmental Protection Commission of Hillsborough County (EPC) along with a check for \$960.00 to cover EPC's permit review fee.

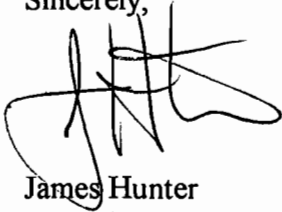
Mr. A.A. Linero, P.E., Administrator

February 1, 2000

Page 2 of 2

TEC would be pleased to meet with you or your staff at your convenience to discuss this request in detail. If you have any additional questions or comments, feel free to contact me at (813) 641-5033. Thank you for your assistance on this project.

Sincerely,

A handwritten signature in black ink, appearing to read "James Hunter". The signature is stylized with a large, sweeping initial "J" and "H".

James Hunter

Administrator – Air Programs

Environmental Planning

EP\gm\JJH913

Enclosures

c/enc: Mr. Clair Fancy - FDEP  
Mr. Jerry Kissel - FDEP SW  
Mr. Richard Kirby - EPCHC



TAMPA ELECTRIC

February 1, 2000

Mr. A.A. Linero, P.E., Administrator  
New Source Review Section  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

**Via Hand Delivery**

**Re: Tampa Electric Company (TEC)  
F. J. Gannon Station  
Fuel Yard Crusher House Modification  
Construction Permit Application**

Dear Mr. Linero:

On February 5, 1999, the Department issued an air construction permit (DEP File No. 0570040-007-AC) to Tampa Electric Company (TEC) to modify the Crusher House at the F. J. Gannon Fuel Yard by adding two new additional crushers. This permit had an expiration date of December 31, 1999. Since the conditions of Permit No. 0570040-007-AC were not incorporated into an operating permit and the construction permit has expired, TEC is requesting that a new construction permit be issued, so that the conditions can be properly incorporated into the Title V permit application for F.J. Gannon Station. Please find enclosed three (3) signed and sealed copies of TEC's updated "Application Information" section of the permit application for this project. The balance of the permit application and other relevant documents associated with the issuance of Permit No. 0570040-007-AC is on-file with the Department and remains the same. A check for \$250.00 to the Florida Department of Environmental Protection is also enclosed for the processing of the reissued air construction permit.

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

AN EQUAL OPPORTUNITY COMPANY  
[HTTP://WWW.TAMPAELECTRIC.COM](http://www.tampaelectric.com)

(813) 228-4111

CUSTOMER SERVICE:  
HILLSBOROUGH COUNTY (813) 223-0800  
OUTSIDE HILLSBOROUGH COUNTY 1 (888) 223-0800



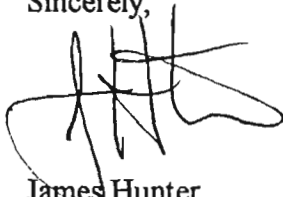
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February 1, 2000

Page 2 of 2

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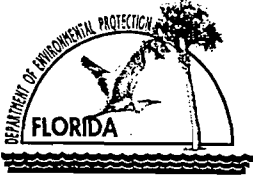
A handwritten signature in black ink, appearing to read "James Hunter". The signature is stylized with several loops and a long horizontal stroke at the end.

James Hunter  
Administrator – Air Programs  
Environmental Planning

EPgmUJH913

Enclosures

c/enc: **Mr. Clair Fancy - FDEP**  
Mr. Jerry Kissel - FDEP SW  
Mr. Richard Kirby - EPCHC



# Department of Environmental Protection

## Division of Air Resources Management

### 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: Tampa Electric Company	
2. Site Name: F.J. Gannon Station	
3. Facility Identification Number: 0570040 <span style="float: right;">[ ] Unknown</span>	
4. Facility Location: Street Address or Other Locator: 3602 Port Sutton Road City: Tampa <span style="margin-left: 100px;">County: Hillsborough</span> <span style="float: right;">Zip Code: 33619</span>	
5. Relocatable Facility? [ ] Yes <span style="margin-left: 20px;">[X] No</span>	6. Existing Permitted Facility? [X] Yes <span style="margin-left: 20px;">[ ] No</span>

##### Application Contact

1. Name and Title of Application Contact: James Hunter, Administrator – Air Programs	
2. Application Contact Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa <span style="margin-left: 100px;">State: FL</span> <span style="float: right;">Zip Code: 33572-9200</span>	
3. Application Contact Telephone Numbers: Telephone: (813 ) 641-5033 <span style="margin-left: 100px;">Fax: (813 ) 641-5081</span>	

##### 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: \_\_\_\_\_

- 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: \_\_\_\_\_

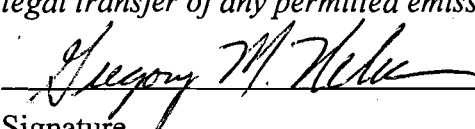
Reason for revision: \_\_\_\_\_

**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.

**Owner/Authorized Representative or Responsible Official**

1. Name and Title of Owner/Authorized Representative or Responsible Official: Gregory M. Nelson, Manager, Environmental Planning
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [X], if so) or the responsible official (check here [ ], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   Signature _____ Date <u>2/1/00</u>

\* Attach letter of authorization if not currently on file.

**Professional Engineer Certification**

1. Professional Engineer Name: Gregory M. Nelson Registration Number: 44078
2. Professional Engineer Mailing Address: Organization/Firm: Tampa Electric Company Street Address: 6944 U.S. Highway 41 North City: Tampa State: FL Zip Code: 33572-9200
3. Professional Engineer Telephone Numbers: Telephone: (813 ) 641 - 5016 Fax: (813 ) 641 - 5081

4. Professional Engineer Statement:

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

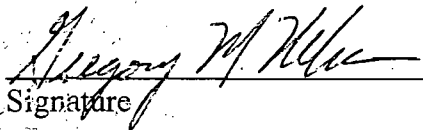
*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant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

  
Signature

2/1/00  
Date

(seal)

\* Attach any exception to certification statement.

**Scope of Application**

<b>Emissions Unit ID</b>	<b>Description of Emissions Unit</b>	<b>Permit Type</b>	<b>Processing Fee</b>
008	Solid Fuel Handling and Storage ( Crusher House)	ACIF	\$250

**Application Processing Fee**

Check one:  Attached - Amount: \$ 250 \_\_\_\_\_  Not Applicable

**Construction/Modification Information**

1. Description of Proposed Project or Alterations:

Modification of the Crusher House at the F.J. Gannon Station Fuel Yard by adding two new additional 600 TPH crushers.

2. Projected or Actual Date of Commencement of Construction:

3. Projected Date of Completion of Construction:

**Application Comment**

[Empty box for Application Comment]

TECO PRODUCTION SERVICES

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

481

Feb. 1, 2000<sub>19</sub>

63-469/631  
31

PAY TO THE  
ORDER OF **FDEP**

\$ 250.00

Two hundred fifty and no/100

DOLLARS 

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

FOR **Gannon Coal Crusher**  
**J. Hunter**

*Nancy E. Foley* MP

