



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: William C. Thomas, P.E., Air Resources Program Manager
FROM: Richard D. Garrity, Ph.D., Deputy Assistant Secretary *RDG*
DATE: July 3, 1989
SUBJECT: Delegation of Authority for Signing Permits

During my absence from July 5, 1989 through July 7, 1989, you are authorized to sign permits and related materials. You will sign only those documents that are urgent and can't be held for my return.

A copy of this memo will be filed with each document that you sign.

RDG/jdj

cc: Dale Twachtmann

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION
FOR

Tampa Electric Company
Hillsborough County
Operating Permit
Application Number

A029-163823

Florida Department of Environmental Regulation

Southwest District

Tampa, FL

June 30, 1989

Prepared By: Environmental Protection Commission
of Hillsborough County

I. Project Description:

A. Applicant:

Tampa Electric Company
P.O. Box 111
Tampa, FL 33601

Mr. Jerry L. Williams, Director Environmental

B. Engineer:

Mr. Thomas W. Davis
Hunter Services, Inc.
P.O. Box 1703
Gainesville, FL 32602

C. Project and Location:

The applicant wishes to obtain a permit to operate the F.J. Gannon Station Units 1-6 Coal Bunkers with Six Roto-Clones at their facility located at Port Sutton Road in Tampa, Hillsborough County.

D. Process and Controls:

The applicant is applying for a permit for the operation of Units 1-6 coal bunkers with an exhaust fan/cyclone collector (Roto-Clone) controlling dust emissions from each unit's respective bunker. Two moving transfer stations via their respective conveyor belts route coal through enclosed chutes to the various bunkers. Coal Bunkers 1-4 and 6 are each equipped with a 9600 ACFM American Air Filter (AAF) Company Type D Roto-Clone for particulate emission control. A number of vent pipes convey air from each bunker to a Roto-Clone during particulate removal. Particulate matter removed by the Roto-Clones is returned to the coal bunkers via a hopper and return line. Units 1-6 Coal Bunkers are situated in a west to east fashion. Unit No. 1 Coal Bunker is located furthest to the west and Unit. No. 6 Coal Bunker furthest to the east.

E. Application Information:

Received on: April 10, 1989
Information Requested: None
Application Complete: April 10, 1989
Notice Published Requested:

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes, Chapter 17-2, Florida Administrative Code (F.A.C.) and Chapter 1-3 of the Rules of the Environmental Protection Commission of Hillsborough County.

The location of this project is inside the Hillsborough County particulate nonattainment area. Because the potential emissions from each source are less than 100 tons per year, it is not subject to the stringent new source review requirements of Section 17-2.500, F.A.C.

In order to exempt each source from particulate RACT, maximum allowable particulate emissions shall not exceed 0.99 tons per year from each cyclone exhaust [Subsection 17-2.650(2)(b)3., F.A.C.].

III. Summary of Emissions

Emissions from each roto-clone exhaust will be limited to 0.19 lbs./hr. and 0.99 tons/yr.

Visible Emissions: An opacity less than 20%.

<u>Pollutant</u>	<u>Actual Emissions</u>		<u>Uncontrolled Emissions</u>	
	lbs./hr.	TPY	lbs./hr.	TPY
Particulates	0.19	0.04	0.77	0.18

IV. Conclusions:

The emission limits proposed by the applicant will meet all of the requirements of Chapter 17-2, F.A.C., and Chapter 1-3, Rules of the Commission.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapter 17-2, F.A.C.

V. Proposed Agency Action:

Pursuant to Section 403.087, Florida Statutes and Section 17-4.07, Florida Administrative Code the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).