



# BOARD OF COUNTY COMMISSIONERS

DEPARTMENT OF SOLID WASTE MANAGEMENT  
2800 110TH AVENUE NORTH  
ST. PETERSBURG, FLORIDA 33702.  
PHONE (813) 825-1565



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July 9, 1986

Mr. C. H. Fancy, P.E., Deputy Chief  
Bureau of Air Quality Management  
Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32301

Dear Mr. Fancy:

In accordance with your June 12, 1986, letter, Pinellas County gave Public Notice concerning a draft PSD permit on June 24, 1986 by way of an advertisement in the Clearwater Sun newspaper. A copy of the advertisement is attached.

Sincerely,

Bob Van Deman, Director  
Solid Waste Management

Attachment

DER

JUL 11 1986

BAQM

Notice of Prevention of Significant  
Deterioration (PSD)  
Draft Permit

Name and address of applicant:  
Pinellas County  
315 Haven Street  
Clearwater, Florida 33516  
Name and address of office processing appli-  
cation:

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32301

On August 31, 1983, Pinellas County applied to the Florida Department of Environmental Regulation (DER) to construct a third 1050 ton per day (TPD) unit at the existing energy recovery facility at the county's Bridgeway Acres site. The application is subject to U. S. Environmental Protection Agency (EPA) regulations for Prevention of Significant Deterioration of Air Quality (PSD), codified at 40 CFR 52.21. These regulations require that, before construction on a source of air pollution subject to PSD may begin, a permit must be obtained from EPA. Such permit can only be issued if the new construction has been determined by EPA to comply with the requirements of the PSD regulations which are described in 40 CFR 52.21. These requirements include a restriction on the incremental increases in air quality due to the new source, and application of best available control technology (BACT).

A special set of circumstances is applicable to this PSD permit application. A permit to construct the source was issued by the Power Plant Siting Board on February 29, 1984 under the Florida Power Plant Siting Act. At this time DER considered such a permit to constitute a PSD permit issued under Florida's PSD regulations, which have been approved by EPA. Such approval by EPA transferred permit signature authority for PSD sources from EPA to DER. Subsequent to the issuance of that permit, EPA determined that Power Plant Site Certifications, because of certain procedural differences, do not constitute PSD permits under the DER regulations, and thus do not satisfy the requirements of the Federal Clean Air Act. In order to rectify this situation, EPA withdrew authority from DER to issue PSD permits to such sources, but delegated to DER the authority to process the PSD applications in preparation for issuance of a permit by EPA.

Since Florida had already issued a Site Certification to Pinellas County, the source had begun construction prior to EPA's determination that the Florida procedure is inadequate.

Consequently, EPA issued an administrative order under Section 167 of the Clean Air Act, which required Pinellas County to either immediately apply for a PSD permit or cease construction. On December 16, 1985, Pinellas County, while reserving all rights, applied to DER for a PSD permit for Unit #3. Because of the special circumstances surrounding this application, EPA determined that the determination of best available control technology for this source could be made as of the date of the original complete application to Florida for a Power Plant Site Certification permit. Therefore, the draft permit and preliminary determination reflect the best available control technology as of August 31, 1983, the date of that application.

Construction of Unit No. 3 is currently 98% complete. The boiler was first ignited on April 15, 1986, and is expected to undergo formal testing during August, 1986. The DER has been granted delegation by EPA to carry out the PSD review of this source, except for final signature of the PSD permit. Acting under that delegation, the DER has prepared a draft permit and made a preliminary determination that the construction will comply with all applicable provisions of the PSD regulations. The degree of increment consumption that will result from the construction is:

Class I Area	
Pollutant	Sulfur Dioxide
Annual Avg.	very much less than 50%
24-hr. Avg.	less than 20%
3-hr. Avg.	less than 16%

Pollutant	Particulate Matter
Annual Avg.	very much less than 20%
24-hr. Avg.	very much less than 10%
3-hr. Avg.	N/A

Class II Area	
Pollutant	Sulfur Dioxide
Annual Avg.	25%
24-hr. Avg.	89%
3-hr. Avg.	N/A

Pollutant	Particulate Matter
Annual Avg.	2%
24-hr. Avg.	16%
3-hr. Avg.	N/A

A copy of the administrative record of the application, including the draft PSD permit, the preliminary determination, and all materials submitted by the applicant, will be available for review for 30 days during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32301  
Department of Environmental Regulation  
Southwest District  
7601 Highway 301 North  
Tampa, Florida 33509  
Pinellas County Department of Environmental Management  
Division of Air Quality  
16100 Fairchild Drive  
Bldg. - V102  
Clearwater, Florida 33520

Written comments on the preliminary determination may be submitted to:

C.H. Fancy, P.E.  
Bureau of Air Quality Management  
Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32301  
Telephone (904)488-1344

Further information on the application, including copies of the application, the draft permit, and a fact sheet, may be obtained from the person named above.

All comments postmarked within 30 days of the date of this notice will be considered by DER in preparing the final determination. The final determination will be sent to EPA for issuance or denial of the PSD application.

Any person may request a public hearing on the draft permit. Request must be in writing, and shall state the issues to be raised in the hearing.

Requests for a hearing must be postmarked not later than 30 days from the date of this notice and sent to:

C. H. Fancy, P.E.  
Bureau of Air Quality Management  
Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32301  
Telephone (904)488-1344

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CLEARWATER SUN  
JUNE 24, 1986