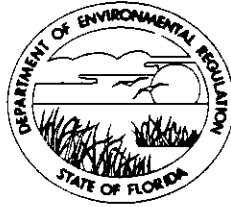


STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2800 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

April 2, 1981

Mr. Kent Williams, Chief
New Source Review Section
Air Facilities Branch
U. S. Environmental Protection
Agency, Region IV
345 Courtland Street
Atlanta, Georgia 30365

RE: PSD Permit Application - Sebring
Utilities Commission (PSD-FL-071)

Dear Kent:

Enclosed please find a copy of the proof of publication of the public notice, the public comments and the Department's response to the public comments and Final Determination for the subject project. We recommend that the applicant be granted Authority to Construct, subject to the conditions in the Final Determination.

Sincerely,

Lawrence A. George
Environmental Administrator

cc: Mr. Howard E. Short

LAG:caa

The Sebring News

Published Weekly

SEBRING, HIGHLANDS COUNTY, FLORIDA

STATE OF FLORIDA
COUNTY OF HIGHLANDS:

Before the undersigned authority personally appeared _____

Richard A. Birt

who on oath says that he is Controller of THE SEBRING NEWS, a weekly newspaper published at Sebring in Highlands County, Florida; that the attached copy of advertisement, being a Proof of Publication _____

in the matter of Public Notice

_____ in the _____ Court
was published in said newspaper in the issues of 2-25-81

Affiant further says that the SEBRING NEWS is a newspaper published at Sebring, in Highlands County, Florida, and that the said newspaper has heretofore been continuously published in said Highlands County, Florida, each Thursday and has been entered as second class mail matter at the post office in Sebring, in said county, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me
this 25th day of February
A. D. 1981

Richard A. Birt

Ann McHenry

Notary Public in and for the State of Florida
My Commission Expires on _____
Bonded By _____

PUBLIC NOTICE
A new air pollution source is proposed for construction by the Sebring Utilities Commission near the town of Sebring, in Highlands County, Florida. The source consists of two slow-speed diesel electric generating units. It will increase emissions of air pollutants by the following amounts in tons per year: PM 142; SO₂ 1,864; NO_x 4,804; CO 832; HC 378; Other Negl.
By authority of the U.S. Environmental Protection Agency, the Florida Department of Environmental Regulation (FDER) has reviewed the proposed construction under Federal Prevention of Significant Deterioration Regulations (40 CFR 52.21). The FDER has made a preliminary determination that the construction can be approved provided certain conditions are met. A summary of the basis for this determination and the application for a permit submitted by the Sebring Utilities Commission are available for public review in the following FDER offices:
South Florida District
2269 Bay Street
Fort Myers, Florida

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

The maximum percentage of allowable increment consumed by the proposed construction is as follows:

	Class II	3-Hour
Annual	24-Hour	3-Hour
PM 5%	2%	N/A
SO ₂ 13%	31%	22%

Any person may submit written comments to FDER regarding the proposed construction. All comments postmarked not later than 30 days from the date of this notice will be considered by FDER in making a final determination regarding approval for construction of this source. These comments will be made available for public review at the above locations. Furthermore, a public hearing may be requested by any person. Requests for a public hearing will be given only if the date of the notice. Letters should be received by:

Ms. Teresa Heron, Review Engineer
Bureau of Air Quality Management
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

Response to Public Comment
Sebring Utilities Commission
(PSD-FL-071)

Comments were received from Tommie A. Gibbs, Chief, Air Facilities Branch, EPA Region IV. EPA questioned the Department's Preliminary Determination in several areas. The areas of question and DER's responses are as follows:

Comment 1

The 24-hour SO₂ background value should not be substituted for the 3-hour value. The 3-hour data should be directly obtainable from the continuous monitor. Bubbler data is presently not acceptable. If it can be shown that the source is isolated under the definition, background levels provided in the guidance document would then be acceptable over the monitored data.

Response 1

The SO₂ monitor near the Sebring site is of the bubbler type and 3-hour data is not obtainable. The 3-hour background concentration has thus been obtained using a multiplying factor derived from the Guidelines for Air Quality Maintenance Planning and Analysis, Volume 10 (Revised) which relates a maximum 3-hour average concentration to a maximum 24-hour average concentration. Multiplying the 24-hour background concentration (50 ug/m³) by this factor yields a 3-hour background value of 250 ug/m³.

Comment 2

The annual average background level for particulate matter was based on the average of the last three years. This is unacceptable, the highest second high value should be used as the background value.

Response 2

The particulate matter background concentrations for the annual and 24-hour periods have been changed to the values associated with the maximum annual and maximum second-highest 24-hour concentrations at the representative monitoring station.

Comment 3

A condition should be added to the permit limiting the fuel throughput rate (lbs/hr).

Response 3

DER has added a condition limiting the fuel throughput rate to 9,199.5 pounds ^{barrels} per hour per unit.

Comment 4

Table IV lists the NAAQS Analysis Results. The total projected air quality equals the NAAQS for CO and NO_x, this should be corrected or clarified.

Response 4

Table V (previously Table IV) has been corrected to reflect projected air quality pollution concentrations for CO and NO_x to be much less than the NAAQS.

Comment 5

In the BACT analysis, the last paragraph for each pollutant discussion says "EPA agrees". In future Preliminary Determinations this should be stricken because EPA will not endorse a permit until it is signed. The same applies for the conclusions found on page 24; the EPA proposal for approval should be replaced by "Florida Department of Environmental Regulation proposes a Preliminary Determination of approval."

Response 5

DER has made the changes as requested.

Comment 6

A copy of all review materials should be made available for public inspection in the closest town hall to the proposed site.

Response 6

The review materials were made available only at the places cited in the Public Notice. DER will consider the above request in processing future permit applications.

Comment 7

GEP calculations should be shown in the Preliminary Determination.

Response 7

The GEP stack height calculations have been added to the text of the Final Determination.

Comment 8

The BACT economic analysis should be expanded for the SO₂ demonstration. This analysis should compare on a \$/ton² basis, the additional costs that would be realized if a lower sulfur oil were to be required.

Response 8

The economic analysis has been expanded in the SO₂ BACT analysis section of the Final Determination. Table IV has been added to support this analysis.

Conclusion

The comments received were considered as indicated above in the development of the Department's Final Determination for the proposed construction of two slow-speed diesel engines by the Sebring Utilities Commission.