

Teresa Heron

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

January 11, 1982

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

Dear Mr. Williams:

RE: PSD Permit Application - Kissimmee Utilities - PSD-FL-087

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,

C. H. Fancy, P.E.
Central Air Permitting

CHF:caa

SENTINEL STAR

Published Daily

Kissimmee, Osceola County, Florida

ADVERTISING CHARGE \$22.13

State of Florida }
COUNTY OF ORANGE } ss.

PUBLIC NOTICE

Before the undersigned authority personally appeared _____
Betty M. Kinney _____, who on oath says that
she is the Legal Advertising Representative of the Sentinel Star, a Daily newspaper
published at Kissimmee, in Osceola County, Florida; that the attached copy of ad-
vertisement, being a Public Notice _____ in the matter of
A Modification to an existing air pollution source, etc. _____
_____ in the _____ Court,
was published in said newspaper in the issues of _____
October 28, 1981 _____

A modification to an existing air pollution source is being proposed by Kissimmee Utilities located in the City of Kissimmee, Osceola County, Florida. The proposed modification is the construction of a 49.9 MW combined cycle gas turbine. The modification will increase emissions of air pollutants, in tons per year, by the following amounts:

PM	SO ₂	NO _x	CO	VOC
69	1700	1095	227	82

The proposed modification has been reviewed by the Florida Department of Environmental Regulation (FDER) under Chapter 403, Florida Statutes, and Federal regulation 40 CFR 52.21, Prevention of Significant Deterioration (PSD). The Department has made a preliminary determination that the construction can be approved provided certain conditions are met. A summary of the basis for the determination and the application for State and Federal permits submitted by Kissimmee Utilities are available for public review at the following offices:

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

South Florida Subdistrict
Dept. of Environmental Regulation
2745 S. E. Morningside Blvd.
Fort St. Lucie, Florida 33452

Kissimmee Public Library
305 E. Broadway
Kissimmee, Florida 32741

The maximum percentages of allowable PSD increments consumed by the proposed modification will be as follows:

	Annual	24-Hour	3-Hour
PM	Negligible	Negligible	NA
SO ₂	5	11	9

Any person may submit written comments to FDER regarding the proposed modification. All comments, postmarked not later than 30 days from the date of notice, will be considered by FDER in making a final determination regarding approval for construction of this source. Those comments will be made available for public review on request. Furthermore, a public hearing can be requested by any person. Such request should be submitted within 14 days of the date of this notice. Letters should be addressed to:

Mr. C. H. Fancy
Bureau of Air Quality Management
Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32301

05-37 Oct. 28, 1981

Affiant further says that the said Sentinel Star is a newspaper published at Kissimmee, in said Osceola County, Florida, and that the said newspaper has heretofore been continuously published in said Osceola County, Florida, each Week Day and has been entered as second-class mail matter at the post office in Kissimmee in said Osceola 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/she 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.

Betty M. Kinney

Sworn to and subscribed before me this 30th day

of December A.D., 1981

Maeoni C. Parks

Notary Public

Notary Public, State of Florida at Large
My Commission Expires Jan. 21, 1984



Response to Public Comment

Kissimmee Utilities

PSD-FL-087

Comments were received from Michael H. Dybevick, Environmental Science and Engineering, Inc. (ESE) and Mr. Tommie Gibbs of U.S. Environmental Protection Agency.

Mr. Dybevick questioned the Department's specific conditions in the Preliminary Determination.

The areas of question and DER's responses are as follows:

Comment

ESE request that condition No. 9 be modified to more nearly reflect the requirements of 40 CFR, Part 60, Subpart GG, Section 60.334 on which it is based. Specifically, they request 1) the requirement for determining the fuel heating value be deleted, 2) the option for developing a custom sampling schedule based on substantiating data be included, and 3) the provision for sampling only on each occasion that fuel is transferred to bulk storage be included.

Response

The Department considered the comments indicated above and modified specific condition No. 9 as follows:

Sulfur and nitrogen content of the fuel being fired in the gas turbine shall be determined and recorded as specified in the NSPS for Gas Turbines 40 CFR 60, Subpart GG, Section 60.334. The records of fuel oil usage will be kept by the company, available for regulatory agency's inspection, for a two year period.

This does not require analysis for fuel heating value. Regarding comment No. 2 and 3, the waiver of compliance test requirements may be accomplished in accordance with section 60.334(b)(1) and (2). Therefore, this option is available to the applicant and no change to the specific conditions is required.

Mr. Gibbs commented on the specific condition 3, plant operation time, and specific condition 7, compliance test.

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Comment

Continuous operation is 8,760 hours per year.

Response

The specific condition states the plant will be allowed to operate continuously (8,736 hours per year). We believe the statement "operate continuously" expresses the Department's intent that there is no time limitation on the operation of the generator and have not changed the condition in the final determination.

Comment

EPA asked if the required VE test should be a VOC test.

Response

The Department's intent was to require a VE test and thus the specific condition was not changed. The condition stated under what circumstances a VOC test will be requested.

Conclusion

The comments received were considered as indicated above in the development of the Department's Final Determination for the proposed construction of a 49.9 MW Combined Cycle Gas Turbine by Kissimmee Utilities.