



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

APR 15 1991

4APT-AEB

RECEIVED

APR 15 1991

DER-BAQM

Mr. Clair H. Fancy, P.E., Chief
Bureau of Air Regulation
Florida Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Florida Gas Transmission Company Compressor Stations
PSD-FL-158 Washington County
PSD-FL-159 Gadsden County
PSD-FL-160 Taylor County
PSD-FL-161 Bradford County
PSD-FL-162 Marion County
PSD-FL-163 Orange County
PSD-FL-164 St. Lucie County

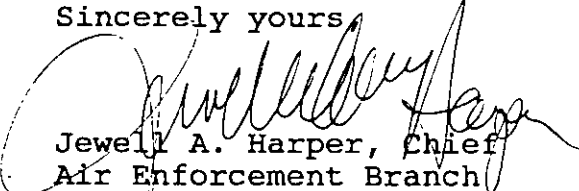
Dear Mr. Fancy:

This is to acknowledge receipt of your preliminary determinations and draft permits for modifications to Compressor Station Nos. 13 through 18 and 20 of the above referenced source, by letters dated March 14, 1991.

The proposed projects are similar in scope in that they each consist of the addition of one reciprocating internal combustion engine to an existing compressor station. The engines proposed for the stations in Taylor and Bradford Counties will be sized at 4000 brake horsepower. The engines for the remaining five counties will be sized at 2400 brake horsepower. We have reviewed the package as requested and have no adverse comments at this time. There is however a typographical error in the draft permit for the Marion County Station. The federal permit number for this Station should be listed as PSD-FL-162.

Thank you for the opportunity to review and comment on this application. If you have any questions or comments on this package, please contact Mr. Gregg Worley of my staff at (404) 347-2904.

Sincerely yours,


Jewell A. Harper, Chief
Air Enforcement Branch
Air, Pesticides, and Toxics
Management Division

cc: J. Deon



United States Department of the Interior
FISH AND WILDLIFE SERVICE



IN REPLY REFER TO:

MAILING ADDRESS:
Post Office Box 25486
Denver Federal Center
Denver, Colorado 80225

STREET LOCATION:
134 Union Blvd.
Lakewood, Colorado 80228

RW Air Quality
Mail Stop 60130

APRIL 09 1991

REC'D

APR 15 1991

Mr. C.H. Fancy, P.E., Deputy Chief
Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

DER-BAQM

Dear Mr. Fancy:

We have completed reviews of PSD permit applications and the State's Preliminary Determinations for four projects proposed by Florida Gas Transmission Company (FGT). We understand that FGT has submitted a total of nine applications to the State relating to the proposed expansion of their existing natural gas pipeline. The four applications that we reviewed all consist of the addition of one natural-gas-fired, reciprocating internal combustion engine to an existing compressor station. It is proposed that stations 14 and 17 will add one 2400 brake horsepower engine each, while stations 15 and 16 will each add a 4000 brake horsepower engine. The applications are subject to PSD review because the expansions will result in significant increases in nitrogen oxide (NO_x) emissions.

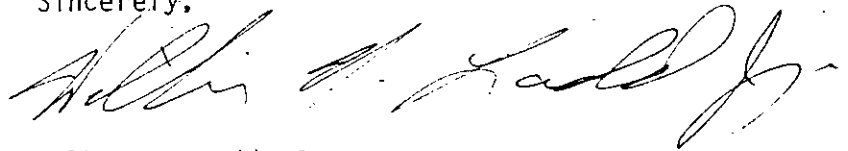
The four stations are located near three class I air quality areas administered by the U.S. Fish and Wildlife Service. The table below lists the station number and the county in which it is located, the proposed NO_x emissions in tons per year (TPY), the distance and direction of each station from the class I area, and the maximum predicted annual nitrogen dioxide increment consumption from this project in micrograms per cubic meter (ug/m³).

STATION NUMBER	NO _x (TPY)	CLASS I AREA	DISTANCE	MODEL IMPACT (ug/m ³)
14 (Gadsden County)	46.3	Saint Marks	58 NW	0.01
15 (Taylor County)	77.2	Saint Marks	36 E	0.01
16 (Bradford County)	77.2	Okefenokee	73 S	0.01
17 (Marion County)	46.3	Chassahowitzka	95 NE	0.004

We agree that the proposed lean-burn engines represent best available control technology. We also agree that the visibility analyses indicate that the proposed emissions would have low potential for visibility impairment due to plume impacts in the wilderness areas. The results of the State's air quality dispersion modeling analyses show a minimal increase in nitrogen dioxide concentrations in the wilderness areas from the proposed expansions. We prefer, in most cases, to see a cumulative analysis that includes all increment consuming sources having the potential of impacting class I areas. In addition, to assess potential impacts on sensitive air quality related values, it is important for us to know the total ambient concentrations (increment plus background) at the class I areas. However, given FGT's predicted impacts at the wilderness areas, it is unlikely that emissions from the proposed expansions would combine with other sources in the area to significantly impact the air quality or related values at the three class I areas of concern.

If you have any questions regarding this matter, please contact Tonnie Maniero of our Air Quality Branch in Denver at (303) 969-2071.

Sincerely,



Wilbur N. Ladd, Jr.
Assistant Regional Director
Refuges and Wildlife, Region 6

cc: J. Nelson
C. Holladay
B. Andrews

PA
4-2-91
Gainesville, FL

File Copy



April 2, 1991

Mr. C. H. Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED
APR 3 1991
DER - BAQM

Re: AC04-189454; PSD-FL-161
Florida Gas Transmission Co.
Station 16, Unit No. 6
Bradford County; Brooker, Florida

Dear Mr. Fancy:

On behalf of Florida Gas Transmission Co. (FGTC), KBN has reviewed the Technical Evaluation and Preliminary Determination (TE&PD) and the draft construction permit for the above referenced PSD permit application. Based on this review, I offer the following comments for your consideration.

In the draft construction permit, Specific Condition 1, the emission factor shown for carbon monoxide is 2.1 g/bhp-hr, and for VOC is shown as 0.5 g/bhp-hr. The correct figures should be 2.5 g/bhp-hr for CO and 1.0 g/bhp-hr for VOC.

In the draft construction permit, under Compliance Determination, it is not specifically stated what initial compliance tests will be required, or when such tests must be conducted.

Thank you for consideration of these comments.

Sincerely,

David A. Buff

David A. Buff, M.E., P.E.
Principal Engineer

cc: Bill Osborne
Jim Alves

Teresa Heron
DA/CHF
Andy Kuljuna, NED } 4-4-91 ran

KBN ENGINEERING AND APPLIED SCIENCES, INC.
1034 Northwest 57th Street Gainesville, Florida 32605 904/331-9000 FAX: 904/332-4189



Florida Gas Transmission Company

P. O. Box 945100 Maitland, Florida 32794-5100 (407) 875-5800

RECEIVED
APR 1 1991
DER-BAQM

Certified Mail

March 28, 1991

Mr. Barry Andrews
Florida Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Fl 32399-2400

Dear Mr. Andrews:

Re: Intent to Issue Permit
Proof of Publication - Air Permit
Florida Gas Transmission Company
Compressor Station 16, Brooker, Fl

I hereby submit one (1) affidavit as proof of publication of the intent issue notice for the site referenced above.

Sincerely,

Allan Weatherford
Compliance Environmentalist

AW:kb
letter.34

cc: Chuck Truby
Raymond Young
Levon Carroll
Les Shadd
Joe Kolb
Bill Osborne
E. Andersen Olson

Teresa Heron
A. Kutyna, NE Dist. } 4-1-91 RZ

STATE OF FLORIDA
COUNTY OF ALACHUA

THE GAINESVILLE SUN
Published Daily and Sunday
GAINESVILLE, FLORIDA

No 4845

Before the undersigned authority personally appeared Naomi Williams

who on oath says that he/she is Assistant Classified Mgr.

of THE GAINESVILLE SUN, a daily

newspaper published at Gainesville in Alachua County, Florida, that the attached copy of advertisement, being a

Notice of intent to issue permit

in the matter of Station #16

in the 3:21 Court, was published in said newspaper in the issue of,


Affiant further says that the said THE GAINESVILLE SUN is a newspaper published at Gainesville, in said Alachua County, Florida, and that the said newspaper has heretofore been continuously published in said Alachua County, each day, and has been entered as second class mail matter at the post office in Gainesville, in said Alachua 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 for publication in the said newspaper.

Sworn to and subscribed before me this

25 day of March, 1991

Mantha A. Peterson

(Seal) Notary Public


Naomi Williams
"OFFICIAL RECORD BOOK"
MANTHA A. PETERSON
MY COM. EXP. 04/01/92

State of Florida
Department of Environmental
Regulation
Area of Interest to Issue
The Department of Environ

mental Regulation hereby gives notice of its intent to issue a permit to Florida Gas Transmission Company, P.O. Box 1188, Houston, Texas 77251-1188, to install one natural gas fired engine. The Company's facility is located 3 miles north of Brookier on Highway 733 in Bradford County, Florida. The maximum annual NO2 Class I increment consumed in the Okefenokee National Wilderness Area is less than one percent. The maximum annual NO2 Class II increment consumed is 3.7%. A determination of Best Available Control Technology (BACT) was required. The Department is issuing this intent to issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, 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 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, 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 decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28.320, F.A.C.

The application is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday.

