

Fake Copy



Florida Gas Transmission Company

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

Certified Mail

March 26, 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 13, Caryville, 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.27

cc: Chuck Truby
Raymond Young
Glenn Sellars
Buddy Morris
Joe Kolb
Bill Osborne
E. Andersen Olson
Dereasa Heron
Eric Maddaloni

RECEIVED
MAR 28 1991
DER-BAQM

Florida Freedom Newspapers, Inc.

PUBLISHERS OF THE NEWS HERALD
Panama City, Bay County, Florida
Published Daily

RECEIVED

MAR 28 1991

DER - BAQM

State of Florida
County of Bay

Before the undersigned authority appeared Scott Walker

_____ , who on oath says that (s)he
is Advertising Director of the News Herald, a daily

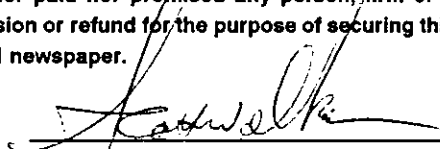
newspaper published at Panama City, in Bay County, Florida; that the attached copy
of advertisement, being a Legal Advertisement

in the matter of Notice of Intent
Dept. of Env. Reg.

in the Bay County

Court, was published in said newspaper in the issues of March 22, 1991

Affiant further says that the News Herald is a direct successor of the Panama City News and that this publication, together with its direct predecessor, has been continuously published in said Bay County, Florida, each day (except that the predecessor, Panama City News, was not published on Sundays), and that this publication together with its said predecessor, has been entered as a second class mail matter at the post office in Panama City in said Bay County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement, all in accordance with the provisions of section 49.03, Florida Statutes; and affiant further says that (s)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 22nd day of

March, A. D., 1991


Notary Public, State of Florida at Large

Notary Public, State of Florida
My Commission Expires Aug. 23, 1992

Bonded Through Tracy Fain - Insurance, Inc.

The Department of Environmental 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 9 miles south of Caryville on CR 284 in Washington County, Florida. The maximum annual NO2 Class II increment consumed 103.9%. 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 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 and administrative determination (hearing, under Section 1200.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and the 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; and
- (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, Florida Statutes, 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 28-5.207, F.A.C.

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

Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida
32399-2400

Department of Environmental Regulation
Southeast District
1900 S. Congress Ave., Suite A
West Palm Beach, Florida
33406

Any person may send written comments on the proposed action to Mr. Barry Andrews at the Department's Tallahassee address. All comments mailed within 30 days of the publication of this notice will be considered in the Department's final determination. Further, a public hearing can be requested by any person. Such requests must be submitted within 30 days of this notice.

March 22, 1991



December 17, 1990

RECEIVED
DEC 18 1990
DER-BAQM

Ms. Theresa Heron
Florida Dept. of Environmental Regulation
Twin Towers Office Bldg.
2600 Blair Stone Road
Tallahassee, FL 32399

RE: ENRON/FGTC Compressor Station No. 13 PSD Permit Application

Dear Ms. Heron:

As you requested, attached is the sheet of emission calculations for FGTC's Compressor Station No. 13. Please feel free to contact me at your convenience if you have further questions concerning this permit application.

Sincerely,

David A. Buff

David A. Buff, P.E.
Principal Engineer

TT/tla

cc: Alan Bowman, ENRON

Attachment

*c: T. Heron
B. Andrews
C. Holladay
J. Karpis, EPA
J. Miller, NW Dist*

90051A1/1

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

FEDERAL EXPRESS

QUESTIONS? CALL 800-238-5355 TOLL FREE.

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RECIPIENT'S COPY

| | | | | | |
|---|--|---|--|--|--|
| From (Your Name) Please Print David A. Buff | | Your Phone Number (Very Important) (904) 501-2000 | To (Recipient's Name) Please Print Ms. Theresa Heron | | Recipient's Phone Number (Very Important) (904) 488-1344 |
| Company GEN ENG & APPLIED SCIENCES | | Department/Floor No. | Company Fla. Department of Environmental Regulation | | Department/Floor No. |
| Street Address 1034 W 97TH ST | | City GAINESVILLE FL | Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip® Codes.) 2600 Blair Stone Road | | City Tallahassee, FL |
| State FL | | ZIP Required 32608 | State FL | | ZIP Required 32399 |

YOUR INTERNAL BILLING REFERENCE INFORMATION (First 24 characters will appear on invoice.)

90051

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ZIP Required

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| 18 <input checked="" type="checkbox"/> FEDEX LETTER* | 56 <input type="checkbox"/> FEDEX LETTER* | 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge) (if available to all locations) | | | | | | | | Other 1 |
| 12 <input type="checkbox"/> FEDEX PAK* | 52 <input type="checkbox"/> FEDEX PAK* | 4 <input checked="" type="checkbox"/> DANGEROUS GOODS (if extra charge) | | | | | | | | Other 2 |
| 13 <input type="checkbox"/> FEDEX BOX | 53 <input type="checkbox"/> FEDEX BOX | 5 <input type="checkbox"/> | | | Total | Total | Total | | | Total Charges |
| 14 <input type="checkbox"/> FEDEX TUBE | 54 <input type="checkbox"/> FEDEX TUBE | 6 <input type="checkbox"/> DRY ICE (if extra charge) | | | | | | | | |
| Economy Distribution Service (formerly Standard Air) (Delivery by second business day†) | Heavyweight Service (for Extra Large or any package over 150 lbs) | 7 <input type="checkbox"/> OTHER SPECIAL SERVICE | | | | | | | | |
| 30 <input type="checkbox"/> ECONOMY DIST SVC | 70 <input type="checkbox"/> HEAVYWEIGHT** | 8 <input type="checkbox"/> | | | | | | | | |
| † Delivery commitment may be later in some areas | *Declared Value Limit \$100 | 9 <input type="checkbox"/> SATURDAY PICK-UP (if extra charge) | | | | | | | | REVISION DATE 4/90 PART #110500 FAEM 7500 FORMAT #027 |
| | **Call for delivery schedule | 10 <input type="checkbox"/> | | | | | | | | 027 |
| | | 11 <input type="checkbox"/> | | | | | | | | © 1993 F.E.C. PRINTED IN USA |
| | | 12 <input type="checkbox"/> HOLIDAY DELIVERY (if offered) (if extra charge) | | | | | | | | |

5
Release
SignatureDate/Time Received
12/17/90 1743

EMISSION CALCULATIONS
FGTC's COMPRESSOR STATION No. 13
CARYVILLE COUNTY, FLORIDA

Fuel usage and emission calculations are presented below for the proposed Cooper-Bessemer Model GMVR-12C2 reciprocating IC engine at Compressor Station No. 13.

Fuel Usage:

$$\begin{aligned} (2,400 \text{ bhp}) \times (7,000 \text{ Btu/bhp-hr}) &= 16.80 \times 10^8 \text{ Btu/hr} \\ (16.80 \times 10^8 \text{ Btu/hr}) / (1,040 \text{ Btu/scf}) &= 16,154 \text{ scf/hr} \end{aligned}$$

Emission Calculations:

$$\begin{aligned} \text{NO}_x: (2.0 \text{ g/bhp-hr})(2,400 \text{ bhp})(1 \text{ lb}/453.593 \text{ g}) &= 10.582 \text{ lb/hr} \\ (10.582 \text{ lb/hr})(8,760 \text{ hr/yr})(1 \text{ ton}/2,000 \text{ lb}) &= 46.3 \text{ TPY} \end{aligned}$$

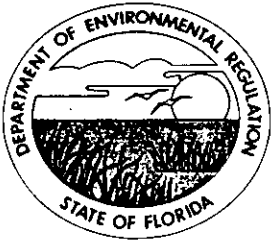
$$\begin{aligned} \text{CO: } (2.1 \text{ g/bhp-hr})(2,400 \text{ bhp})(1 \text{ lb}/453.593 \text{ g}) &= 11.111 \text{ lb/hr} \\ (11.111 \text{ lb/hr})(8,760 \text{ hr/yr})(1 \text{ ton}/2,000 \text{ lb}) &= 48.7 \text{ TPY} \end{aligned}$$

VOCs(non-methane hydrocarbon):

$$\begin{aligned} (0.5 \text{ g/bhp-hr})(2,400 \text{ bhp})(1 \text{ lb}/453.593 \text{ g}) &= 2.646 \text{ lb/hr} \\ (2.646 \text{ lb/hr})(8,760 \text{ hr/yr})(1 \text{ ton}/2,000 \text{ lb}) &= 11.6 \text{ TPY} \end{aligned}$$

$$\begin{aligned} \text{PM: } (5 \text{ lb}/10^6 \text{ scf})(16,154 \text{ scf/hr}) &= 0.081 \text{ lb/hr} \\ (0.081 \text{ lb/hr})(8,760 \text{ hr/yr})(1 \text{ ton}/2,000 \text{ lb}) &= 0.35 \text{ TPY} \end{aligned}$$

$$\begin{aligned} \text{SO}_2: (10 \text{ gr}/100 \text{ scf})(16,154 \text{ scf/hr})(1 \text{ lb}/7,000 \text{ gr}) &= 0.231 \text{ lb/hr of Sulfur} \\ (2 \text{ lb SO}_2/\text{lb Sulfur})(0.231 \text{ lb/hr Sulfur}) &= 0.462 \text{ lb/hr of SO}_2 \\ (0.462 \text{ lb/hr})(8,760 \text{ hr/yr})(1 \text{ ton}/2,000 \text{ lb}) &= 2.02 \text{ TPY} \end{aligned}$$



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

November 28, 1990

Ms. Jewell A. Harper, Chief
Air Enforcement Branch
U.S. EPA - Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

Dear Ms. Harper:

Re: Completeness Review

The enclosed information is being forwarded to you for completeness review.

1. Seminole Fertilizer Corp., Polk County, gas turbine cogeneration project, PSD-FL-157.

2. The following applications from Florida Gas Transmission Company:

Compressor Sta. No. 12, Santa Rosa County, PSD-FL-156

Compressor Sta. No. 13, Washington County, PSD-FL-158

Compressor Sta. No. 14, Gadsden County, PSD-FL-159

Compressor Sta. No. 15, Taylor County, PSD-FL-160

Compressor Sta. No. 16, Bradford County, PSD-FL-161

Compressor Sta. No. 17, Marion County, PSD-FL-162

Compressor Sta. No. 18, Orange County, PSD-FL-163

Compressor Sta. No. 20, St. Lucie County, PSD-FL-164

If there are any questions, please call Barry Andrews at (904)488-1344 or write to me at the above address. If it is convenient to FAX a response to us, the FAX number to use is (904)922-6979.

Sincerely,

Patricia G. Adams

for

C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CHF/pa