

Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

May 13, 2002

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Rick Craig, V.P. of Southeastern Operations
Florida Gas Transmission Company
P.O. Box 1188
Houston, TX 77251

Re: Draft Air Permit No. 0970077-001-AC
Osceola County Compressor Station No. 31
Phase V Expansion - Revised Location

Dear Mr. Craig:

Enclosed is one copy of the Draft Permit to construct a new natural gas compressor station (No. 31) to be located at the following alternate site: on South Old Lake Wilson Road, just south of the intersection with Interstate 4 in Osceola County, Florida. The Department's "Technical Evaluation and Preliminary Determination", "Intent to Issue Permit", and the "Public Notice of Intent to Issue Permit" are also included.

The "Public Notice of Intent to Issue Permit" must be published one time only, as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected, pursuant to the requirements Chapter 50, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within seven days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any other questions, please contact Jeff Koerner at 850/921-9536.

Sincerely,

C. H. Fancy, P.E., Chief
Bureau of Air Regulation

CHF/AAL/jfk

Enclosures

"More Protection, Less Process"

Printed on recycled paper.

In the Matter of an
Application for Air Permit by:

Florida Gas Transmission Company
P.O. Box 1188
Houston, TX 77251

Authorized Representative:

Mr. Rick Craig, V.P. of Southeastern Operations

Compressor Station No. 31
Draft Air Permit No. 0970077-001-AC
Phase V Expansion – Revised Location
Osceola County

INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit (copy of Draft Permit attached) for the proposed project as detailed in the application and the enclosed Technical Evaluation and Preliminary Determination, for the reasons stated below. The applicant, Florida Gas Transmission Company, applied on March 15, 2002 to the Department for a permit to construct a new natural gas compressor station (No. 31) to be located at the following alternate site: on South Old Lake Wilson Road, just south of the intersection with Interstate 4 in Osceola County, Florida.

The Department has permitting jurisdiction under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The above actions are not exempt from permitting procedures. The Department has determined that an air construction permit is required to perform proposed work. The Department intends to issue this air construction permit based on the belief that the applicant has provided reasonable assurances to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Construction Permit. The notice shall be published one time only in the legal advertisement section of a newspaper of general circulation in the area affected. Rule 62-110.106(7)(b), F.A.C., requires that the applicant cause the notice to be published as soon as possible after notification by the Department of its intended action. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114, Fax: 850/ 922-6979). You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in Section 50.051, F.S. to the office of the Department issuing the permit. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) and (11), F.A.C.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of Public Notice of Intent to Issue Air Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen (14) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed

within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S. however, any person who asked the Department for notice of agency action may file a petition within fourteen (14) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that 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 such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Mediation is not available in this proceeding. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of

Draft Air Permit No. 0970077-001-AC
Florida Gas Transmission Company
Osceola County Compressor Station No. 31
Phase V Expansion – Revised Location
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the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.



C. H. Fancy, P.E., Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Intent to Issue Air Construction Permit package (including the Public Notice of Intent to Issue Air Construction Permit, Technical Evaluation and Preliminary Determination, and the Draft Permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on May 13, 2002 to the persons listed:

Mr. Rick Craig, FGTC*
Mr. Jim Thompson, FGTC
Mr. Kevin McGlynn, McGlynn Consulting Co.
Mr. V. Duane Pierce, AQMcS
Mr. Len Kozlov, CD

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Victoria Liban May 13, 2002
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Draft Air Permit No. 0970077-001-AC

Florida Gas Transmission Company
Proposed Osceola County Compressor Station No. 31
Phase V Expansion – Revised Location

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to the Florida Gas Transmission Company to construct a new compressor station (No. 31) for the existing natural gas pipeline. The proposed new facility will be located on South Old Lake Wilson Road, just south of the intersection with Interstate 4 in Osceola County, Florida. The applicant's authorized representative is Mr. Rick Craig, Vice President of Southeastern Operations. The applicant's mailing address is Florida Gas Transmission Company, P.O. Box 1188, Houston, TX 77251.

This project was originally approved for a site located on Osceola Parkway approximately 2.5 miles west of U.S. Route 17. However, Florida Gas Transmission Company later selected an alternate site (south of the intersection of South Old Lake Wilson Road and Interstate 4) on which to construct. The proposed new facility will be a new minor source of air pollution and will consist of the following equipment: a gas-fired 2225 bhp reciprocating internal combustion compressor engine; a compressor building; an auxiliary building; a gas-fired 184 bhp emergency generator; a condensate storage tank; an oily water storage tank; and fugitive emissions from component leaks. The new station will result in the following potential emissions: 56.1 tons of carbon monoxide per year; 15.5 tons of nitrogen oxides per year; 0.8 tons of particulate matter per year; 2.1 tons of sulfur dioxide per year; and 20.0 tons of volatile organic compounds per year. Therefore, the project is not a major source of air pollution. The draft permit authorizes construction of the new station and equipment, specifies capacities, requires adequate records and reports, identifies generally applicable regulatory requirements, and describes equipment that are exempt by rule.

The Department will issue the Final Permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of this Public Notice of Intent to Issue Air Construction Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below. Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen (14) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen (14) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that 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 such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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

Department of Environmental Protection
Bureau of Air Regulation
(111 S. Magnolia Drive, Suite 4)
2600 Blair Stone Road, MS #5505
Tallahassee, Florida, 32399-2400
Telephone: 850/488-0114

Department of Environmental Protection
Central District Office
Air Resources Section
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32308-3767
Telephone: 407/894-7555

The complete project file includes the application, Technical Evaluation and Preliminary Determination, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Department's reviewing engineer for this project for additional information at the address and phone numbers listed above.

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

**TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION**

PROJECT

Draft Air Construction Permit No. 0970077-001-AC
New Natural Gas Compressor Station No. 31
(Emissions Unit Nos. 001 and 002)

COUNTY

Osceola County

APPLICANT

Florida Gas Transmission Company
ARMS Facility ID No. 0970077
Osceola County Compressor Station No. 31
(Revised Location)

**PERMITTING
AUTHORITY**

Florida Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
New Source Review Section



April 30, 2002

{Filename: FGT 31Va TEPD.doc}

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

1. GENERAL PROJECT INFORMATION

1.1 Applicant Name and Address

Florida Gas Transmission Company
P.O. Box 1188
Houston, TX 77251

Authorized Representative:

Mr. Rick Craig, V.P. of Southeastern Operations

1.2 Processing Schedule

06/06/01: Received permit application No. 0970076-001-AC on for original site location; and
03/13/02: Received permit application No. 0970077-001-AC for an alternate site location; complete.

1.3 Facility Description and Location

The applicant proposes to construct a new natural gas compressor station (SIC No. 4922) to be located on South Old Lake Wilson Road, just south of the intersection with Interstate 4 in Osceola County, Florida. The UTM coordinates of the new station are: Zone 17, 442.215 km East, and 3128.490 km North (Latitude: 28° 16' 59" and Longitude: 81° 35' 21"). This is an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to a National Ambient Air Quality Standard (NAAQS).

{Permitting Note: Permit No. 0970076-001-AC authorized the construction of Station No. 31 to be located on Osceola Parkway approximately 2.5 miles west of U.S. Route 17 (UTM Zone 17, 456.5 km East, and 3135.5 km North). However, Florida Gas Transmission Company selected the alternative site location referenced above. Permit No. 0970076-001-AC is withdrawn and ARMS facility ID 0970076 is "inactive".}

1.4 Regulatory Categories

Title III: The facility is not a major source of hazardous air pollutants (HAP).

Title IV: The facility is not subject to the acid rain provisions of the Clean Air Act.

Title V: The facility is not a Title V major source of air pollution.

PSD: The facility is not a major source of air pollution pursuant to the requirements of the Prevention of Significant Deterioration (PSD) of Air Quality Program, Rule 62-212.400, F.A.C.

NSPS: The facility has no emissions units subject to any New Source Performance Standards in 40 CFR 60.

NESHAP: The facility has no emissions units subject to any National Emission Standards for Hazardous Air Pollutants in 40 CFR 63.

1.5 Project Description

The new facility will operate as a compressor station in Osceola County for Florida Gas Transmission Company's natural gas pipeline. It will consist of the following new emissions units:

EU ID	Emissions Unit Description
001	FGTC No. 3101: This unit is a pipeline compressor engine consisting of a gas-fired reciprocating internal combustion engine (Caterpillar Model No. G3608) with a capacity of 2225 bhp.
002	Miscellaneous Equipment: This equipment includes a compressor building, an auxiliary building, a gas-fired 184 bhp emergency generator (Cummins Model No. GTA-12), a 4200 gallon (nominal) pipeline condensate storage tank, a 4200 gallon (nominal) oily water storage tank, and fugitive emissions from component leaks.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

2. APPLICABLE REGULATIONS

2.1 State Regulations

This project is subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The Florida Statutes authorize the Department of Environmental Protection to establish rules and regulations regarding air quality as part of the Florida Administrative Code (F.A.C.). This project is subject to the applicable rules and regulations defined in the following Chapters of the Florida Administrative Code.

<u>Chapter</u>	<u>Description</u>
62-4	Permitting Requirements
62-204	Ambient Air Quality Requirements, PSD Increments, and Federal Regulations Adopted by Reference
62-210	Required Permits, Public Notice and Comments, Reports, Stack Height Policy, Circumvention, Excess Emissions, Forms and Instructions,
62-212	Preconstruction Review, PSD Requirements, and BACT Determinations
62-296	Emission Limiting Standards
62-297	Test Methods and Procedures, Continuous Monitoring Specifications, and Alternate Sampling Procedures

2.2 Potential Emissions

The following table summarizes emissions from this project based on information in the application.

Table 1A. Potential Emissions

Unit	CO	NOx	PM/PM10	SO ₂	VOC	HAPs
2225 bhp compressor Engine	55.9	15.0	0.8	2.1	19.3	3.7
184 bhp emergency generator	0.2	0.5	Negligible	Negligible	Negligible	Negligible
Condensate storage tank	0.0	0.0	0.0	0.0	Negligible	Negligible
Oily water tank	0.0	0.0	0.0	0.0	Negligible	Negligible
Fugitive component leaks	0.0	0.0	0.0	0.0	0.7	Negligible
TOTALS	56.1	15.5	0.8	2.1	20.0	3.7

Note: The potential emissions are based on operation of 8760 hours per year for the compressor engine and 500 hours per year for the emergency generator. SO₂ emissions are also based on the FERC limit of 10 grains of sulfur per 100 SCF of natural gas. The actual pipeline sulfur content is less than 1 grain per 100 SCF of natural gas.

The above table shows that the new facility is:

- Not a major source of air pollution pursuant to Rule 62-212.400 (PSD), F.A.C.;
- Not a major source of air pollution pursuant to Chapter 62-213 (Title V), F.A.C.; and
- Not a major source of hazardous air pollutants (HAPs) pursuant to Section 112(g) of the Clean Air Act.

3. EMISSIONS STANDARDS

3.1 Compressor Engine

The following text is an excerpt from Section 3.2 of EPA's AP-42 emission factor document regarding natural gas-fired reciprocating engines.

"The primary criteria pollutants from natural gas-fired reciprocating engines are oxides of nitrogen (NOx), carbon monoxide (CO), and volatile organic compounds (VOC). The formation of nitrogen oxides is

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

exponentially related to combustion temperature in the engine cylinder. The other pollutants, CO and VOC species, are primarily the result of incomplete combustion. Particulate matter (PM) emissions include trace amounts of metals, non-combustible inorganic material, and condensable, semi-volatile organics which result from volatilized lubricating oil, engine wear, or from products of incomplete combustion. Sulfur oxides are very low since sulfur compounds are removed from natural gas at processing plants. However, trace amounts of sulfur containing odorant are added to natural gas at city gates prior to distribution for the purpose of leak detection."

Based on the application, the compressor engine has the following emissions.

Pollutant	Emissions Factor	Equivalent Maximum Emissions	
		lb/hour ^d	TPY ^e
CO	2.6 g/bhp-hr ^a	12.75	55.9
NOx	0.7 g/bhp-hr ^a	3.43	15.0
SO ₂	10 grains/100 SCF of gas ^b	0.48	2.1
PM/PM ₁₀	0.00999 lb/mmBTU ^c	0.17	0.8
VOC	0.9 g/bhp-hr ^a	4.41	19.3

- a. Emission factor based on vendor data.
- b. Emission factor based on FERC limit for pipeline natural gas.
- c. Emission factor based on AP-42, Table 3.2-2.
- d. Equivalent maximum hourly emission rates are based on the permitted capacity of 2225 bhp (16.7 mmBTU per hour plus 10%).
- e. Equivalent maximum annual emission rates are based on 8760 hours per year of operation.

Based on the application, this unit is not subject to any specific federal or state regulations. The draft permit will include the following conditions:

- **Permitted Capacity:** The maximum heat input rate to the compressor engine shall not exceed 16.7 mmBTU per hour while producing approximately 2225 bhp based on a lower heating value (LHV) of 905 BTU per SCF for natural gas. [Rule 62-210.200(PTE), F.A.C.]
- **Authorized Fuel:** The compressor engine shall fire only natural gas with a maximum of 10 grains of sulfur per 100 standard cubic feet gas. [Applicant Request; Rule 62-210.200(PTE), F.A.C.]
- **Restricted Operation:** Operation of the compressor engine is not limited (8760 hours per year). [Rule 62-210.200(PTE), F.A.C.]
- **Excess Emissions Prohibited:** Excess emissions caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. {Permitting Note: A properly maintained compressor engine firing natural gas should have no visible emission plume.} [Rule 62-210.700(4), F.A.C.]
- **Construction Certification:** Within 15 days of beginning construction, the permittee shall notify the Compliance Authority that construction has commenced. Within 15 days of completing construction, the permittee shall notify the Compliance Authority that construction has concluded. The permittee shall provide certification that construction was completed in accordance with the application and note any deviations. [Rule 62-4.220, F.A.C.]

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

The facility is a natural minor source of air pollution with pollutant emission levels approximately half of the Title V major source thresholds or less. The draft permit will also include requirements applicable to all emission units.

3.2 Miscellaneous Equipment

Emergency Generator: This equipment is *categorically* exempt from the requirement to obtain an air construction permit in accordance with Rule 62-210.300(3)(a)20, F.A.C. Specifically, the emergency generator will use less than 4.4 million SCF of natural gas per year.

Condensate Storage Tank, Oily Water Tank, and Fugitive Component Leaks: Each piece of equipment is *generically* exempt from the requirement to obtain an air construction permit in accordance with Rule 62-210.300(3)(b)1, F.A.C. Specifically, each unit:

- Is not subject to any unit-specific applicable requirement.
- Will not emit nor have the potential to emit: 500 pounds per year or more of lead and lead compounds expressed as lead; 1,000 pounds per year or more of any hazardous air pollutant; 2,500 pounds per year or more of total hazardous air pollutants; or 5.0 tons per year or more of any other regulated pollutant.
- Will not cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.
- Will not cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a PSD source.

5. PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the specific conditions of the draft permit. Jeff Koerner is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting the project engineer at the Department's Bureau of Air Regulation at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

DRAFT PERMIT

PERMITTEE:

Florida Gas Transmission Company
P.O. Box 1188
Houston, TX 77251

Authorized Representative:

Rick Craig, V.P. of Southeastern Operations

Osceola County Compressor Station No. 31 Air Permit No. 0970077-001-AC Facility ID No. 0970077 SIC No. 4922 Permit Expires: March 1, 2003

PROJECT AND LOCATION

This permit authorizes the construction of a new pipeline compressor Station No. 31 to be located on South Old Lake Wilson Road, just south of the intersection with Interstate 4 in Osceola County, Florida. The new station will consist of a compressor building, an auxiliary building, a 2225 bhp reciprocating compressor engine, a 184 bhp emergency generator, a pipeline condensate storage tank, and an oily water storage tank.

The UTM coordinates of the new station are: Zone 17, 442.215 km East, and 3128.490 km North (Latitude: 28° 16' 59" and Longitude: 81° 35' 21").

{Permitting Note: Permit No. 0970076-001-AC authorized the construction of Station No. 31 to be located on Osceola Parkway approximately 2.5 miles west of U.S. Route 17 (UTM Zone 17, 456.5 km East, and 3135.5 km North). However, Florida Gas Transmission Company selected the alternative site location referenced above. Permit No. 0970076-001-AC is withdrawn and ARMS facility ID 0970076 is marked as "inactive".}

STATEMENT OF BASIS

The Department issues this air pollution construction permit under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The Department authorizes the permittee to install the proposed equipment in accordance with the conditions of the permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

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- Section 2. Administrative Requirements
- Section 3. Emissions Units Specific Conditions
- Section 4. Appendices

(DRAFT)

Howard L. Rhodes, Director
Division of Air Resources Management

(Date)

SECTION 1. GENERAL INFORMATION (DRAFT)

FACILITY AND PROJECT DESCRIPTION

The new facility will operate as a compressor station in Osceola County for Florida Gas Transmission Company's natural gas pipeline. After the project is complete, the facility will consist of the following emissions units.

EU ID	Emissions Unit Description
001	<u>FGTC No. 3101</u> : This unit is a pipeline compressor engine consisting of a gas-fired reciprocating internal combustion engine (Caterpillar Model No. G3608) with a capacity of 2225 bhp.
002	<u>Miscellaneous Equipment</u> : This equipment includes a compressor building, an auxiliary building, a gas-fired 184 bhp emergency generator (Cummins Model No. GTA-12), a 4200-gallon (nominal) pipeline condensate storage tank, a 4200-gallon (nominal) oily water storage tank, and fugitive emissions from component leaks.

REGULATORY CLASSIFICATION

Title III: The facility is not a major source of hazardous air pollutants (HAP).

Title IV: The facility is not subject to the acid rain provisions of the Clean Air Act.

Title V: The facility is not a Title V major source of air pollution.

PSD: The facility is not a major source of air pollution pursuant to the requirements of the Prevention of Significant Deterioration (PSD) of Air Quality Program, Rule 62-212.400, F.A.C.

NSPS: The facility has no emissions units subject to any New Source Performance Standards in 40 CFR 60.

NESHAP: The facility has no emissions units subject to any National Emission Standards for Hazardous Air Pollutants in 40 CFR 63.

RELEVANT DOCUMENTS

The documents listed below are not a part of this permit, but are specifically related to the permitting action and are on file with the Department.

- Permit application No. 0970076-001-AC received on 06-06-01 (for original location) and additional information to make complete.
- Permit application No. 0970077-001-AC received on 03-13-02 (for alternate site location); complete.

SECTION 2. ADMINISTRATIVE REQUIREMENTS (DRAFT)

1. Permitting and Compliance Authority: Applications for permits to operate as well as all documents related to compliance activities (such as reports, tests, and notifications) shall be submitted to the Department's Central District Office at 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32308-3767. The telephone number is 407/894-7555.
2. Appendices: The following Appendices are attached as part of this permit.
 - Appendix CF describes the format used to cite applicable rules and regulations as well as previous permitting actions.
 - Appendix GC specifies the general conditions applicable to all permittees. The general conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
3. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of each emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The terms used in this permit have specific meanings as defined in the applicable chapters of the Florida Administrative Code. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
4. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
5. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department, prior to beginning such construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
6. Air Operation Permit: This permit authorizes construction of the permitted emissions units and initial operation to determine compliance with Department rules. The permittee shall apply for a minor source air operation permit at least sixty (60) days before the expiration of this construction permit, but no later than ninety (90) days after commencing operation. To apply for an operation permit, the applicant shall submit the appropriate application form, any required compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Central District Office at the address listed above. [Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. FGTC UNIT 3101, RECIPROCATING COMPRESSOR ENGINE

This section of the permit addresses the following new emissions unit.

Emissions Unit No. 001: Reciprocating Compressor Engine (FGTC Unit No. 3101)

Description: This unit is a pipeline compressor engine consisting of a gas-fired reciprocating internal combustion engine (Caterpillar Model No. G3608).

Fuel: The compressor engine fires only natural gas (SCC No 2-02-002-54) with a maximum firing rate of approximately 18,400 cubic feet per hour.

Capacity: The compressor engine produces 2225 bhp with a heat input from natural gas of approximately 16.7 MMBtu per hour based on a lower heating values (LHV) of 905 Btu per SCF of gas.

Stack Parameters: When operating at 100% capacity, exhaust gases exit a 1.625 feet diameter stack that is 44.5 feet tall with a flow rate of approximately 14,816 acfm at 842° F.

CONSTRUCTION

1. Compressor Engine: The permittee is authorized to install, tune, operate and maintain a new Caterpillar Model No. G3608 reciprocating internal combustion engine as a natural gas pipeline compressor engine. The permittee identifies the gas turbine compressor engine as Unit No. 3101. [Applicant Request; Design]
2. Construction Certification: The permittee shall certify that construction was completed in accordance with the application and note any deviations. Such certification shall be included as part of the application for the initial air operation permit. [Rule 62-4.220, F.A.C.]
3. Unconfined Particulate Emissions: During the construction period, unconfined particulate matter emissions shall be minimized by dust suppressing techniques such as covering and/or application of water or chemicals to the affected areas, as necessary. [Rule 62-296.320(4)(c), F.A.C.]

PERFORMANCE RESTRICTIONS

4. Permitted Capacity: The maximum heat input rate to the compressor engine shall not exceed 16.7 MMBtu per hour while producing approximately 2225 bhp based on a lower heating value (LHV) of 905 Btu per SCF for natural gas. [Rule 62-210.200(PTE), F.A.C.]
5. Authorized Fuel: The compressor engine shall fire only natural gas. [Applicant Request; Rule 62-210.200(PTE), F.A.C.]
6. Restricted Operation: Operation of the compressor engine is not limited (8760 hours per year). [Rule 62-210.200(PTE), F.A.C.]
7. Excess Emissions Prohibited: Excess emissions caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during startup, shutdown or malfunction shall be prohibited. {Permitting Note: A properly maintained compressor engine firing natural gas should have no visible emission plume.} [Rule 62-210.700(4), F.A.C.]

OPERATION

8. Circumvention: The permittee shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rule 62-210.650, F.A.C.]
9. Excess Emissions Allowed: Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

A. FGTC UNIT 3101, RECIPROCATING COMPRESSOR ENGINE

hour period unless specifically authorized by the Department for longer duration. [Rule 62-210.700(1), F.A.C.]

10. VOC or OS Emissions: No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]
11. Objectionable Odor Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rules 62-296.320(2) and 62-210.200(203), F.A.C.]
12. General Visible Emissions: No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20 percent opacity. [Rule 62-296.320(4)(b)1, F.A.C.]

RECORDS, REPORTS, AND NOTIFICATIONS

13. Records Retention: All measurements, records, and other data required by this permit shall be documented in a permanent, legible format and retained for at least three (3) years following the date on which such measurements, records, or data are recorded. Records shall be made available to the Department upon request. [Rules 62-4.160(14), F.A.C.]
14. Annual Operating Report: The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by March 1st of each year. [Rule 62-210.370(2), F.A.C.]
15. Notifications: The permittee shall provide the following notifications:
 - a. If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the permittee shall notify each Compliance Authority as soon as possible, but at least within one working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; steps being taken to correct the problem and prevent future recurrence; and, where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit or the regulations. [Rule 62-4.130, F.A.C.]
 - b. Within 15 days of beginning construction, the permittee shall notify the Compliance Authority that construction has commenced. [Rule 62-4.070(3), F.A.C.]
 - c. Within 15 days of completing construction, the permittee shall notify the Compliance Authority that construction has concluded. [Rule 62-4.070(3), F.A.C.]
 - d. In case of excess emissions resulting from malfunctions, the permittee shall notify the Compliance Authority in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Rule 62-210.700(6), F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (DRAFT)

B. MISCELLANEOUS EQUIPMENT

This permit recognizes the following miscellaneous unregulated equipment.

Emissions Unit No. 002: Miscellaneous Equipment

Ancillary equipment includes:

- A gas-fired 184 bhp emergency generator (Cummins Model No. GTA-12);
- A 4200 gallon (nominal) oily water storage tank;
- A 4200 gallon (nominal) pipeline condensate storage tank;
- A compressor building and an auxiliary building; and
- Fugitive emissions from component leaks (from valves, pumps, flanges, etc.)

In accordance with Rule 62-210.300(3) (Exemptions), F.A.C., the following equipment is exempt from air pollution construction permitting requirements.

Emergency Generator

(a) Categorical Exemptions

20. One or more emergency generators located within a single facility provided:

- a. None of the emergency generators is subject to the Federal Acid Rain Program; and
- b. Total fuel consumption by all such emergency generators within the facility is limited to 32,000 gallons per year of diesel fuel, 4,000 gallons per year of gasoline, 4.4 million standard cubic feet per year of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.

Condensate Storage Tank, Oily Water Tank, and Fugitive Component Leaks

(b) Generic and Temporary Exemptions.

1. Generic Emissions Unit Exemption. An emissions unit or pollutant-emitting activity that is not entitled to a categorical exemption pursuant to Rule 62-210.300(3)(a), F.A.C., shall be exempt from the permitting requirements of this chapter, Chapter 62-212, F.A.C., and Chapter 62-4, F.A.C., if it meets all of the following criteria:
 - a. It would be subject to no unit-specific applicable requirement.
 - b. It would neither emit nor have the potential to emit:
 - (i) 500 pounds per year or more of lead and lead compounds expressed as lead;
 - (ii) 1,000 pounds per year or more of any hazardous air pollutant;
 - (iii) 2,500 pounds per year or more of total hazardous air pollutants; or
 - (iv) 5.0 tons per year or more of any other regulated pollutant.
 - c. Its emissions, in combination with the emissions of other units and activities at the facility, would not cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.
 - d. In the case of a proposed new emissions unit at an existing facility, the emissions of such unit, in combination with the emissions of any other proposed new or modified units and activities at the facility, would not result in a modification subject to the preconstruction review requirements of Rule 62-204.800(10)(d)2, 62-212.400 or 62-212.500, F.A.C.
 - e. In the case of a proposed new pollutant-emitting activity, such activity would not constitute a modification of any existing non-exempt emissions unit at a non-Title V source or any existing non-insignificant emissions unit at a Title V source.

SECTION 4. APPENDICES

CONTENTS

Appendix CF. Citation Format

Appendix GC. General Conditions

SECTION 4. APPENDIX CF
CITATION FORMAT

The following examples illustrate the format used in the permit to identify applicable permitting actions and regulations.

REFERENCES TO PREVIOUS PERMITTING ACTIONS

Old Permit Numbers

Example: Permit No. AC50-123456 or Air Permit No. AO50-123456

Where: "AC" identifies the permit as an Air Construction Permit
"AO" identifies the permit as an Air Operation Permit
"123456" identifies the specific permit project number

New Permit Numbers

Example: Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

Where: "099" represents the specific county ID number in which the project is located
"2222" represents the specific facility ID number
"001" identifies the specific permit project
"AC" identifies the permit as an air construction permit
"AF" identifies the permit as a minor federally enforceable state operation permit
"AO" identifies the permit as a minor source air operation permit
"AV" identifies the permit as a Title V Major Source Air Operation Permit

PSD Permit Numbers

Example: Permit No. PSD-FL-317

Where: "PSD" means issued pursuant to the Prevention of Significant Deterioration of Air Quality
"FL" means that the permit was issued by the State of Florida
"317" identifies the specific permit project

RULE CITATION FORMATS

Florida Administrative Code (F.A.C.)

Example: [Rule 62-213.205, F.A.C.]

Means: Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

SECTION 4. APPENDIX GC
GENERAL CONDITIONS

The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
 - a. Have access to and copy and records that must be kept under the conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of non-compliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida

SECTION 4. APPENDIX GC
GENERAL CONDITIONS

Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (NA);
 - b. Determination of Prevention of Significant Deterioration (NA); and
 - c. Compliance with New Source Performance Standards (NA).
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - 1) The date, exact place, and time of sampling or measurements;
 - 2) The person responsible for performing the sampling or measurements;
 - 3) The dates analyses were performed;
 - 4) The person responsible for performing the analyses;
 - 5) The analytical techniques or methods used; and
 - 6) The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Florida Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
New Source Review Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida, 32399-2400

P.E. CERTIFICATION STATEMENT

PERMITTEE

Florida Gas Transmission Company
P.O. Box 1188
Houston, TX 77251

Draft Air Permit No.0970077-001-AC
Osceola County Compressor Station No. 31
Phase V Expansion – Revised Location

PROJECT DESCRIPTION

{Permitting Note: Permit No. 0970076-001-AC authorized the construction of Station No. 31 to be located on Osceola Parkway approximately 2.5 miles west of U.S. Route 17 in Osceola County (UTM Zone 17, 456.5 km East, and 3135.5 km North). However, Florida Gas Transmission Company later selected the following alternate site location: on South Old Lake Wilson Road, just south of the intersection with Interstate 4 in Osceola County (Zone 17, 442.215 km East, and 3128.490 km North). Permit No. 0970076-001-AC is withdrawn and ARMS facility ID 0970076 is marked as "inactive".}

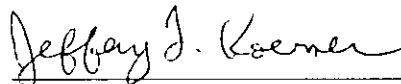
The applicant proposes to construct a new natural gas compressor station to be located on South Old Lake Wilson Road, just south of the intersection with Interstate 4 in Osceola County, Florida. It will consist of the following new equipment: a pipeline compressor engine (FGTC Unit No. 3101) consisting of a gas-fired reciprocating internal combustion engine (Caterpillar Model No. G3608) with a capacity of 2225 bhp; a compressor building; an auxiliary building; a gas-fired 184 bhp emergency generator (Cummins Model No. GTA-12); a 4200 gallon (nominal) pipeline condensate storage tank; a 4200 gallon (nominal) oily water storage tank; and fugitive emissions from component leaks. Based on the application, the new facility is:

- Not a major source of air pollution pursuant to Rule 62-212.400 (PSD), F.A.C.;
- Not a major source of air pollution pursuant to Chapter 62-213 (Title V), F.A.C.; and
- Not a major source of hazardous air pollutants (HAPs) pursuant to Section 112(g) of the Clean Air Act.

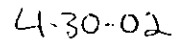
Based on the application, the compressor engine is not subject to any unit-specific regulatory requirement in Chapter 62-296, F.A.C. or 40 CFR Parts 60, 61, or 63. The emergency generator is *categorically* exempt from the requirement to obtain an air construction permit in accordance with Rule 62-210.300(3)(a)20, F.A.C. Specifically, the emergency generator will use less than 4.4 million SCF of natural gas per year. The condensate storage tank, the oily water tank, and the fugitive component leaks are each *generically* exempt from the requirement to obtain an air construction permit in accordance with Rule 62-210.300(3)(b)1, F.A.C.

The draft permit includes conditions that authorize construction of the new station and equipment, specify the capacities, require adequate records and reports, identify generally applicable regulatory requirements, and describe the equipment that are exempt by rule.

I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).



Jeffery F. Koerner, P.E.
Registration Number: 49441



(Date)

Memorandum

Florida Department of Environmental Protection

TO: Clair Fancy, Chief, BAR
THROUGH: Al Linero, Administrator - New Source Review Section *aal 5/2*
FROM: Jeff Koerner, New Source Review Section *JK*
DATE: April 30, 2002
SUBJECT: Draft Air Construction Permit No. 0970077-001-AC
Florida Gas Transmission Company
Osceola County Compressor Station No. 31
Phase V Expansion, Revised Location

Attached for your review are the following items:

- Intent to Issue Permit and Public Notice Package;
- Technical Evaluation and Preliminary Determination;
- Draft Permit; and
- PE Certification

The applicant proposes to construct a new compressor station to be located in Osceola County, which will be a minor source of air pollution. This project was originally permitted in July of 2001, but FGTC has since selected an alternate site location. The current permit project addresses the proposed new station as a new project, which will require public notice and comment. The Technical Evaluation and Preliminary Determination provides a detailed description of the project, rule applicability, and permit conditions. The P.E. certification briefly summarizes proposed project. Day #74 is May 27, 2002. I recommend your approval of the attached Draft Permit for this project.

CHF/AAL/jfk

Attachments

4

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Received by (Please Print Clearly) <i>H. W. West</i> B. Date of Delivery <i>1-13-00</i></p> <p>C. Signature <i>H. W. West</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Mr. Rick Craig V. P. of Southeastern Operations Florida Gas Transmission Company PO Box 1188 Houston, TX 77251</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
7001 0320 0001 3692 8925	
<p>PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952</p>	

U.S. Postal Service CERTIFIED MAIL RECEIPT <i>(Domestic Mail Only; No Insurance Coverage Provided)</i>											
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<p>Sent To Rick Craig</p> <p>Street, Apt. No. or P.O. Box PO Box 1188</p> <p>City, State, ZIP+4 Houston, TX 77251</p>											
<p>PS Form 3800, January 2001 See Reverse for Instructions</p>											