

In the Matter of an
Application for Permit by:

Clayton Roesler
Florida Gas Transmission Company
601 South Lake Destiny Drive, #14
Maitland, FL 32751

Permit No.: 0390029-002-AC
Gadsden County

INTENT TO ISSUE PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue an air construction permit (copy of DRAFT Permit enclosed) for the source detailed in the application specified above, for the reasons stated below.

The applicant, Florida Gas Transmission Company, applied on December 3, 1999, to the permitting authority for an air construction permit for the Quincy Compressor Station No. 14 located at eight miles southwest of Quincy on State Road 65.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. This source is not exempt from permitting procedures. The permitting authority has determined that an air construction permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.0872, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE PERMIT." The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. 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. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the permitting authority's office, Northwest District, 160 Governmental Center, Pensacola, FL 32501-5794 (Telephone: 850/595-8364; Fax: 850/595-8417), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.

The permitting authority will issue the permit, in accordance with the conditions of the enclosed DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will issue the permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with 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 of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3900 (Telephone: 850/488-9735; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any other person must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. A petitioner must 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 28-5.207, F.A.C.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 permitting authority's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority 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 to the Department of Environmental Protection 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. 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 of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

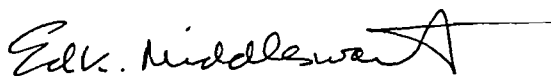
- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (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 the United States Environmental Protection Agency 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 Pensacola, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



ED K. MIDDLESWART, P.E.
Air Program Administrator

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on March 9, 2000 to the person(s) listed:

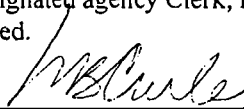
Clayton Roesler, Florida Gas Transmission Company

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE PERMIT (including the PUBLIC NOTICE and the DRAFT permit) were sent by U.S. mail or electronically transmitted on the same date to the person(s) listed:

David Holmes Parham, P.E., Florida Gas Transmission Company
FDEP Northwest District Branch Office, Tallahassee

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

(Clerk)



3/9/00
(Date)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT
I.D. Number 0390029-002-AC

The Department of Environmental Protection gives notice of its intent to issue a permit to Florida Gas Transmission Company to construct an additional natural gas fired Solar turbine compressor unit and to replace of two existing emergency generators with one natural gas fired generator at the Quincy Compressor Station No. 14 located eight miles southwest of Quincy on State Road 65, Gadsden County. The generators will be operated less than 500 hours per year, and are considered insignificant and exempt from permitting. Emissions from the additional turbine compressor, generator, and fugitive emissions include 39.3 TPY of nitrogen oxides, 47.6 TPY carbon monoxide, and 2.1 TPY particulate matter.

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 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, 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 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; 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 the Northwest District, 160 Governmental Center, Pensacola, Florida.

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Florida Gas Transmission Company
Quincy Compressor Station No. 14
Facility ID No.: 0390029
Gadsden County

Air Construction Permit
Permit No.: 0390029-002-AC

Permitting and Compliance Authority:
Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, FL 32501-5794
Telephone: 850/595-8364
Fax: 850/595-8096

[electronic file name: 0390029-002-ac.doc]

Air Construction Permit
Permit No.: 0390029-002-AC

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Permittee:
Florida Gas Transmission Company

Permit No.: 0390029-002-AC
Facility ID No.: 0390029
SIC Nos.: 49
Project: Air Construction Permit

This permit is for the construction of an additional natural gas fired Solar turbine compressor unit and replacement of two existing emergency generators with one natural gas fired generator at the Quincy Compressor Station No. 14 located eight miles southwest of Quincy on State Road 65, Gadsden County; UTM Coordinates: Zone 16, 720.0 km East and 3377.4 km North; Latitude: 30° 30' 28" North and Longitude: 84° 42' 28" West.

STATEMENT OF BASIS: This air construction permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4, and 62-210. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix G-1, General Conditions
Appendix I-1, List of Insignificant Emissions Units and/or Activities
Operating Curve showing Fuel Flow and NOx Emissions vs. Inlet Air Temperature

Effective Date:
Expiration Date:

**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

Ed K. Middleswart, P.E.
Air Program Administrator

EKM/bkc

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Florida Gas Transmission Company
Quincy Compressor Station No. 14
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Section I. Facility Information.

Subsection A. Facility Description.

The existing facility is part of a natural gas transmission pipeline system which consists of six natural gas fired compressor engines, five rated at 2,000 brake horse power (bhp) and manufactured by Worthington, model SEHG-8 (emission unit 007) and one rated at 2700 bhp and manufactured by Cooper-Bessemer, model GMVR-12C (emission unit 006). Emission unit 006 is subject to BACT in accordance with Rule 62-212.400, F.A.C. (PSD 159). The existing facility includes two emergency generators rated at 200 hp and 235 hp and operated less than 500 hours per year. The existing facility operates pursuant to permit 0390029-001-AV. The facility is a PSD major source with emissions greater than 250 tons per year of at least one regulated criteria pollutant.

This permit allows construction of an additional compressor engine, a natural gas fired Solar turbine compressor unit. Replacement of the two existing emergency generators with one natural gas fired generator, a 637 bhp natural gas fired emergency generator that will be operated less than 500 hours per year, is considered insignificant and exempt from permitting.

Based on the permit application received December 3, 1999, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U.

<u>ID No.</u>	<u>Brief Description</u>
008	10,350 bhp Solar Mars Turbine Compressor Unit
009	Fugitive emissions

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are on file with permitting authority:

Permit Application received December 3, 1999

Additional Information Request dated December 10, 1999

Additional Information Responses dated January 14, 2000, January 21, 2000, and February 29, 2000

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Florida Gas Transmission Company
Quincy Compressor Station No. 14
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Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX G-1, GENERAL CONDITIONS, is a part of this permit.
2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor. Objectionable odor is 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), 62-210.200(203), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
4. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
 - a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and
 - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
5. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]
6. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a), F.A.C.]

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Florida Gas Transmission Company
Quincy Compressor Station No. 14
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7. Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

8. An annual operating report for air pollutant emitting facility, DEP Form 62-210.900(5), shall be submitted by March 1 of each year. A copy of the form and instructions may be obtained from the Department's Northwest District office.

[Rule 62-210.370, F.A.C.]

9. A Major Air Pollution Source Annual Operation Fee Form [DEP Form 62-213.900(11)] must be completed and submitted with appropriate fee between January 15 and March 1 of each year. A copy of the form and instructions may be obtained from the Department's Northwest District office. If the Department has not received the fee payment by March 1, the Department shall impose, in addition to the fee, a penalty of fifty (50) percent of the amount of the fee, plus interest on such amount computed in accordance with Section 220.807, Florida Statutes. The Department may revoke any major air pollution source operation permit if it finds that the permit holder has failed to pay timely and required annual operations license fee, penalty or interest.

[Rule 62-213, F.A.C.]

10. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

11. The applicant shall retain a Professional Engineer, registered in the State of Florida, for the inspection of this project. Upon completion, the engineer shall inspect for conformity to the permit application and associated documents. An application for an operation permit shall be submitted with the compliance test results and appropriate fee when applicable. These are to be submitted within 45 days of compliance testing. The permittee shall obtain an operating permit for this source before the expiration of the construction permit if the permittee desires to continue operation.

[Rules 62-210.300(2) and 62-4.050(3), F.A.C.]

12. The permittee shall submit all compliance related notifications and reports required by this permit to the Department's Northwest District office.

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794

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13. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 595-8364, extension 1220, day or night, and for emergencies involving a significant threat to human health or the environment is (800) 320-0519. For routine business, telephone (850) 595-8364, then press 7, during normal working hours.
[Rules 62-210.700 and 62-4.130, F.A.C.]

14. The Department shall be notified upon commencement of construction. The Department shall be notified and prior approval shall be obtained of any changes or revisions made during construction. Projects beyond one year require annual status reports.
[Rule 62-4.030, F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit(s).

E.U.

ID No. Brief Description

008 10,350 bhp Solar Mars Turbine Compressor Unit

This emission unit to be constructed is a natural gas fired Solar turbine compressor unit incorporating dry, low NOx combustion technology, a Solar Mars 90 T13002S Turbine rated at 10,350 bhp full load ISO conditions with a maximum heat input of 88.6 MMBtu/hr ISO conditions controlled by a Solar Turbotronic microprocessor system. Fuel will be exclusively natural gas from FGT's gas pipeline with a maximum of 10 grains sulfur per 100 scf. Emissions will be discharged through a vertical 58 foot stack with dimensions of 7.5' by 8'.

This emission unit is subject to 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, adopted and incorporated by reference in Rule 62-204.800(7), F.A.C. Emissions of nitrogen oxides are controlled by the efficient operation of a dry low-NOX combustion system and are limited to 25 ppmvd in lieu of the limitations included in 40 CFR 60.332, Standard for nitrogen oxides which allows approximately 178 ppmvd. Emissions of sulfur dioxide are controlled by limiting fuel to pipeline-quality natural gas in lieu of the limitations included in 40 CFR 60.333, Standard for Sulfur Dioxide, which allows 0.015 percent by volume at 15 percent oxygen on a dry basis and fuels of up to 0.8 percent sulfur by weight.

Emissions from this emissions unit are less than significant increments identified in Table 62-212.400-2 avoiding Preconstruction Review (PSD) requirements of Rule 62-212. This includes incremental additional emissions of NOx of 8.8 lbs/hr and 38.56 tons/year associated with this proposed turbine.

The SIC for this compressor turbine is 2-02-002-01.

The following specific conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Capacity. The maximum heat input rate shall not exceed 88.6 MMBtu/hr. (4256.8 lbs/hr @ LHV of 20,815 Btu/lb).

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C; Application dated December 1, 1999 and additional information dated January 14, 2000, January 21, 2000, and February 29, 2000]

A.2. Methods of Operation - (i.e., Fuels). Fuel is limited to pipeline-quality natural gas _

[Rules 62-4.160(2) and 62-213.440(1), F.A.C.]

A.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

A.4. Visible Emissions.

a. Visible emissions from a properly operated and maintained natural gas fired turbine should not exceed 10% opacity. Operation with emissions in excess of 10% opacity is considered indicative of inadequate operation and may be considered circumvention of the air pollution control equipment and unauthorized excess emissions.

[Rules 62-210.650, 62-210.700, F.A.C.]

b. Under no circumstances shall visible emissions exceed 20% opacity.

[Rule 62-210.320(4)(b)1, F.A.C.]

A.5. Sulfur dioxide – sulfur content. The sulfur content of the pipeline quality natural gas shall not exceed 10 grains per 100 SCF.

[Application dated December 1, 1999 and additional information dated January 14, 2000, January 21, 2000, and February 29, 2000]

A.6. Nitrogen oxides. Nitrogen oxides emissions shall not exceed 25 ppmvd at 15% O2 at the maximum allowable operating rate or 8.8 lbs/hr or 38.6 tons per year ISO conditions.

[Application dated December 1, 1999 and additional information dated January 14, 2000, January 21, 2000, and February 29, 2000; 40 CFR 60.332]

A.7. Carbon monoxide. Carbon monoxide emissions are estimated to be 50 ppmvd corrected to 15% oxygen. The Department reserves the right to modify this permit to ensure the PSD Significant Emission Rate is not exceeded.

[Rule 62-4.070(3), F.A.C.]

Test Requirements, Methods and Procedures

A.8. Emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Such tests shall be performed within 60 days after achieving the maximum production rate at which the affected unit will be operated, but not later than 180 days after initial startup. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.

<u>Pollutant</u>	<u>Test Method</u>
VE	DEP method 9
NOx	EPA method 20
CO	EPA method 10

[Rules 62-4.070, 62-297.310(7), and 62-297.401(9), F.A.C.]

A.9. The test reports shall comply with applicable portions of Rule 62-297.310, F.A.C., Test Reports. The Department can require special compliance tests in accordance with Rule 62-297.310(7) F.A.C. Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

[Rules 62-297.310(7) and 62-297.620(1), F.A.C.]

A.10. Testing of emissions shall be conducted with the source operating at four evenly spaced points in the normal operating range of the gas turbine, including the minimum point in the range and peak load. All loads shall be corrected to ISO conditions using the equations supplied by the manufacturer. Capacity is defined as 95-100% of the maximum heat input allowed by this permit achievable for the average ambient temperature during the test. If it is impractical to test at capacity, then the emissions unit may be tested at less than capacity. In such cases, subsequent operation is limited by adjusting downward the entire heat input vs. inlet temperature curve by the increment equal to the difference between the permitted maximum heat input value and 105 percent of the value reached during the test. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. Data, curves and calculations necessary to demonstrate the heat input rate correction at both design and test conditions shall be submitted to the Department with the compliance test report. The attached operating curve showing NOX emissions as a function of inlet air temperature shall be used with the test results to demonstrate compliance.

[Rules 62-297.310(2) and 62-4.070, F.A.C. 40 CFR 60.335(c)(2)]

Monitoring of Operations

A.11. Operation of this turbine compressor shall be monitored by a Solar Turbotronic microprocessor system or equivalent system. As a minimum, this system shall maintain a continuous record of heat input, and hours of operation.

[Application dated December 1, 1999 and additional information dated January 14, 2000, January 21, 2000, and February 29, 2000; 40 CFR 60.332; Rule 62-4.070, F.A.C.]

Recordkeeping and Reporting Requirements

A.12. Custom Fuel Monitoring Schedule. The sulfur content and nitrogen content of the pipeline quality natural gas shall be monitored as required by 40 CFR 60.334 or based on the following custom schedule pursuant to 40 CFR 60.334 as follows after approval of the EPA Administrator:

a. Monitoring of fuel nitrogen content is not required since pipeline quality natural gas is the only fuel fired in the gas turbine.

b. Sulfur monitoring

1. Analysis for fuel sulfur content of the natural gas shall be conducted using one of the approved ASTD reference methods for the measurement of sulfur in gaseous fuels, or an approved

alternative method 1 The reference methods are: ASTM D 1072-80; ASTM D 3031-81; ASTM D 3246-81; and ASTM D 4084-82 as referenced in 40 CFR 60.335(d).

2. Effective the date of this permit, sulfur monitoring shall be conducted twice monthly for six months. If this monitoring shows little variability in the fuel sulfur content, and indicates consistent compliance with 40 CFR 60.333, then sulfur monitoring shall be conducted once per quarter for six quarters.

3. If after the monitoring required in item 2(b) above, or herein, the sulfur content of the fuel shows little variability and calculated as sulfur dioxide represents consistent compliance with the sulfur dioxide emission limits specified under 40 CFR 60.333, sample analysis shall be conducted twice per annum. This monitoring shall be conducted during the first and third quarters of each calendar year.

c. Should any sulfur analysis as required in items 2(b) or 2(c) above indicate noncompliance with 40 CFR 60.333, the owner or operator shall notify the Department of such excess emissions and the custom schedule shall be re-examined by the Environmental Protection Agency. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.

d. If there is a change in fuel supply, the owner or operator must notify the state of such change for re-examination of this custom schedule. A substantial change in fuel quality shall be considered a change in fuel supply. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.

e. Records of sample analysis and fuel supply pertinent to this custom schedule shall be retained for a period of three years, and be available for inspection by personnel of federal, state, and local air pollution control agencies.

[Rule 62-204.800, F.A.C.; 40 CFR 60.334]

NSPS Conditions.

A.13. Applicable portions of 40 CFR 60, Subpart A - General Provisions Requirements and Subpart GG are incorporated and included by reference as conditions of this permit. This includes but is not limited to the following:

- a. 40 CFR 60.7, Notification and record keeping;
- b. 40 CFR 60.8, Performance tests;
- c. 40 CFR 60.11, Compliance with standards and maintenance requirements
- d. 40 CFR 60.12, Circumvention
- e. 40 CFR 60.13, Monitoring requirements
- f. 40 CFR 60.14, Modification
- g. 40 CFR 60.17, Incorporations by reference

[40 CFR 60 Subpart A, Rule 62-204.800, F.A.C.]

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Florida Gas Transmission Company
Quincy Compressor Station No. 14
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Subsection B. This section addresses the following emissions unit(s).

E.U.

<u>ID No.</u>	<u>Brief Description</u>
009	Fugitive emissions

This emission unit consists of fugitive emissions from valves, and flanges associated with the additional equipment not subject to any source specific limit. Fugitive emissions from this construction is estimated to include an additional 0.2 TPY of volatile organic compounds. The SIC is 3-10-888-11.

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GENERAL CONDITIONS:

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1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 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 any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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 and used by the permittee to achieve compliance with the conditions of this permit, are 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:
 - a. Having access to and copying any records that must be kept under the conditions of this permit;
 - b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,
 - c. Sampling or monitoring 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 noncompliance; and

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Permit No.: 0390029-002-AC

Appendix G-1

GENERAL CONDITIONS:

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b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. 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 proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with 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, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. 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 for 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:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. 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 the 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.

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Florida Gas Transmission Company
Quincy Compressor Station No. 14

Permit No.: 0390029-002-AC
Facility ID No.: 0390029

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would 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.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities

1. One 637 bhp natural gas fired emergency generator operated less than 500 hours per year. Records shall be maintained and made available for Department inspection showing the hours of operation. (Application dated December 1, 1999 and additional information dated January 14, 2000 and January 21, 2000).

MARS 90S-13002 TME-2S REV. 2.1
 CS/ND GAS TURBINE
 122F MATCH
 REF: SD-26469
 [DATE: 3-FEB-2000]

.NOMINAL PERFORMANCE
 .100 FT ABOVE SEA LEVEL
 .RELATIVE HUMIDITY 100 PERCENT
 .4 INCH H2O INLET DUCT LOSS
 .4 INCH H2O EXHAUST DUCT LOSS
 .NO GAS PRODUCER POWER EXTRACTION
 .NO WATER INJECTION
 .NO OUTPUT GEARBOX
 .MAXIMUM POWER TURBINE SPEED
 .[LHV: 20815 BTU/LB]

FLORIDA GAS TRANSMISSION
 PD-57764

CUSTOMER GAS FUEL

FOR REFERENCE ONLY

