

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT MODIFICATION

In the Matter of an
Application for Permit Modification

William E. Rome
Vice President of Gulf Coast Operation
Florida Gas Transmission Company
P.O. Box 1188
Houston, Texas 77251-1188

DEP File No. 1110060-003-AC
Permit Nos. AC48-189457, PSD-FL-164
Station No. 20, St. Lucie County

Enclosed is Permit Modification 1110060-003-AC allowing a temporary increase in heat input, natural gas consumption and actual emissions for Unit No. 2004 located in St. Lucie County. This permit modification is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

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 NOTICE OF FINAL PERMIT MODIFICATION (including the FINAL permit Modification) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 8-15-97 to the person(s) listed:

Mr. William E. Rome, FGT *
Mr. Clayton A. Roesler, FGT *
Mr. Barry Andrews, P.E., ENSR
Mr. Isidore Goldman, SED

Clerk Stamp

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


(Clerk)

8-15-97
(Date)

FINAL DETERMINATION

FLORIDA GAS TRANSMISSION COMPANY

Modification of Permit No. AC56-189457
Permit Modification No. 1110060-003-AC
Compressor Station No. 20: Unit No. 2004

An Intent to Issue an air construction permit modification for Florida Gas Transmission Company, Compressor Station No. 20, located at 8701 Orange Avenue, Ft. Pierce, St. Lucie County, Florida was distributed on June 20, 1997. The Notice of Intent was published in The Tribune on July 3, 1997. Copies of the modification were available for public inspection at the Department offices in Tallahassee.

No comments were submitted in response to the public notice. The Department required submittal by FGT Company of the specific gas, heat input rate, and horsepower applicable until the end of the year.

The final action of the Department will be to issue the permit modification with incorporation of the additional information as noted above.

Memorandum

Florida Department of Environmental Protection

TO: Howard L. Rhodes

THRU: Clair Fancy *[Signature]*
Al Linero *[Signature]* 8/12

FROM: Teresa Heron *T.H.*

DATE: August 12, 1997

SUBJECT: Florida Gas Transmission Modification Requests

Attached are letters modifying the construction permits for four separate FGT engine units to temporarily increase the maximum power output of Units Nos. 1901 and 1902, 1805 and 2004 due to the vibrational problems and derating of the 5,000 HP Unit No. 1903 reciprocating natural gas compressor engine at the Melbourne Station.

Although the increase of the horsepower will result in an increase of heat input, natural gas consumption, and actual emissions, the emissions from these engines will remain within their respective permitted limits.

It is the Departments understanding that FGT will apply for a permit to install a new turbine at this Station as soon as practicable and that all engines will return to their previous operational mode by December 31, 1997.

I recommend your approval and signature.

HLR/th/t



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

August 13, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. William E. Rome
Vice President of Gulf Coast Operation
Florida Gas Transmission Company
Post Office Box 1188
Houston, Texas 77251-1188

Re: Permit Modification No. 1110060-003-AC (AC56-189457)
Compressor Station No. 20: Unit No. 2004
Ft. Pierce, St. Lucie County

Dear Mr. Rome:

The Department is in receipt of your letters dated May 30, June 13 and August 6, 1997 requesting to temporarily increase the maximum power output of Unit No. 2004 due to the vibrational problems and derating of the 5,000 HP Unit No. 1903 reciprocating natural gas compressor engine at Station No. 19 in Melbourne.

The increase of the horsepower will result in an increase of heat input, natural gas consumption, and actual emissions for Unit No. 2004. However, emissions from this engine will remain within their respective permitted limits.

The referenced permit is hereby modified as follows:

DESCRIPTION

For the construction of one 2,400 bhp natural gas fired engine to be located at the Florida Gas Transmission Facility in Ft. Pierce, St. Lucie County, Florida. The UTM coordinates are Zone 17, 558.01 km East and 3035.68 km North. (The unit may operate at 2,790 bhp until December 31, 1997).

SPECIFIC CONDITION No. 5

The permitted operating parameters and utilization rates for this natural gas compressor engine shall not exceed the values stated in the application. The parameters include, but are not limited to:

Maximum natural gas consumption shall not exceed 20,569 scf/hr (24,360 scf/hr until December 31, 1997).

Maximum heat input shall not exceed 21.19 MMBtu/hr (25.09 MMBtu/hr until December 31, 1997).

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

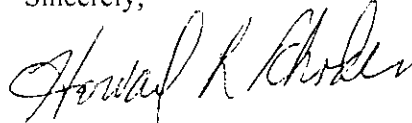
Printed on recycled paper.

Mr. William E. Rome
Page 2 of 2
August 13, 1997

It is the Department's understanding that FGT will apply for a permit to install a new turbine at Station No. 19 as soon as practicable. Unit No. 2004 is required to return to its previous operational mode by December 31, 1997.

A copy of this letter shall be filed with the referenced permit and shall become part of the permit.

Sincerely,



Howard L. Rhodes, Director
Division of Air Resources
Management

HLR/th/t

Enclosure



Florida Gas Transmission Company

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

August 6, 1997

RECEIVED
AUG 11 1997
BUREAU OF
AIR REGULATION

Ms. Teresa Heron
New Source Review Section
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Ms. Heron:

RE: Florida Gas Transmission
Ambient Uprating of Engines 1805, 1901, 1902, 2004, 2005

The following table shows the requested information related to the ambient uprating of engines at Florida Gas Transmission's Orlando, Melbourne, and Ft. Pierce Compressor Stations. The values represent the calculated values to place in our permit amendment.

Current and Proposed Horsepower, Heat Input and Fuel Use for Ambient Uprated Engines

Unit	Manufacturer	Model	Current Permit Values			Proposed Ambient Uprate Values		
			HP	Heat Input* MM Btu/hr	Fuel Use scfh	HP	Heat Input* MM Btu/hr	Fuel Use scfh
1805	Cooper-Bessemer	GMVH-12C2	2,700	21.26	20,641	3,120	24.66	23,943
1901	Dresser-Rand	412KVSRA	2,600	23.39	22,703	3,020	27.13	26,342
1902	Dresser-Rand	412KVSRA	2,600	23.39	22,703	3,020	27.13	26,342
2004	Dresser-Rand	412KVSRA	2,400	21.63	21,000	2,790	25.09	24,360
2005	Cooper-Bessemer	10V-275C	not capable of ambient uprate					

* 1030Btu/scf

Thank you for your assistance in this matter. Should you have any questions or require additional information, please contact me at (407) 875-5865.

Sincerely,

Clayton A. Roesler
Division Environmental Specialist

cc: Charlie Thompson
Wayne Daniels
Compressor Station 18 - 19 - 20
Air Permit File 18 - 19 - 20

FAUSER\CROESLER\ENVIRO\FACILITY\CS18\0806THER.DOC

An **ENRON/SONAT** Affiliate

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Mr. William E. Rome
 V.P. of Gulf Coast Operation
 Fla. Gas Transmission
 PO Box 1188
 Houston, TX 77251-1188

4a. Article Number
 P 265 659 438

- 4b. Service Type
- Registered
 - Express Mail
 - Return Receipt for Merchandise
 - Certified
 - Insured
 - COD

7. Date of Delivery
 AUG 19 1997

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

X *William E. Rome* 725

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 438

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	<i>William Rome</i>
Street Number	<i>FLA. GAS Trans.</i>
Post Office, State, & ZIP Code	<i>HOUSTON, TX</i>
Postage	\$
Certified Fee	
Special Delivery Fee	<i>all 3</i>
Restricted Delivery Fee	<i>certified</i>
Return Receipt Showing to Whom & Date Delivered	<i>together</i>
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	<i>8-15-97</i>

PS Form 3800, April 1995

1110060-003-AC-#20
 094D106-002-#19
 0950190-002-#10

is your RETURN ADDRESS completed on the reverse side

- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return the card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

Following service (if any) requested (check box and pay extra fee):

1. Addressee's Address

2. Restricted Delivery

Consult postmaster for fee.

<p>3. Article Addressed to:</p> <p>Mr. Clayton A. Rooster, DES. Fla. Gas Transmission P.O. Box 945100 Maitland, FL 32794-5100</p>	<p>4a. Article Number</p> <p>P 265 659 439</p> <p>4b. Service Type</p> <p><input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified</p> <p><input type="checkbox"/> Express Mail <input type="checkbox"/> Insured</p> <p><input checked="" type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD</p> <p>7. Date of Delivery</p> <p>8-19-97</p>
<p>5. Received By: (Print Name)</p>	<p>8. Addressee's Address (Only if requested and fee is paid)</p>
<p>6. Signature: (Addressee or Agent)</p> <p><i>Clayton A. Rooster</i></p>	

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 439

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to		Clayton Rooster
Street & Number		EGT
Post Office, State, & ZIP Code		Maitland, FL
Postage		\$
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		(3 sent)
Return Receipt Showing to Whom & Date Delivered		together cert
Return Receipt Showing to Whom, Date, & Addressee's Address		
TOTAL Postage & Fees		\$
Postmark or Date		ST. 18, 19, 20 8-15-97

PS Form 3800, April 1995