In the folder labeled as follows there are documents, listed below, which were not reproduced in this electronic file. That folder can be found in the supplementary documents file drawer. Folders in that drawer are arranged alphabetically, then by permit number.

Folder Name: Florida Gas Transmission Company

Permit(s) Numbered:

AC 56 -230129

Documents: Period during which document was received	Detailed Description
Application	1. 22" × 32" B&W Drawing: Appendix B Plot Plan COMPRESSOR STATION NO. 20 PERMIT SITE PLAN (Drawing Number: 102·50·605) **Received a duplicate on 11/22/93

Florida Gas Transmission Company

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

September 1, 1995

See AC62-229319
for original request.

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

RE: Air Permit No. AC 62-229319/PSD-FL-202
FGT Compressor Station No. 15, Taylor County

Air Permit No. AC 05-229322
FGT Compressor Station No. 19, Brevard County

Air Permit No. AC 56-230129/PSD-FL-203
FGT Compressor Station No. 20, St. Lucie County

Dear Mr. Fancy:

Subject: Expiration of Construction Permits

Florida Gas Transmission Company (FGT) respectfully requests clarification of the future status of the construction permits referenced above.

These permits were recently extended so that they expire after September 1, 1995. Changes are being made to F.A.C. 62-213.420(1)(a)4 that will extend the expiration date of these permits until September 1, 1996.

We have been informed by one of the District Offices that permit issuance for the Title V permits may take the full three years allowed. Please advise us as to what the status will be or what procedures need to be followed for construction permits that expire on September 1, 1996, but have not received a Title V Operating Permit by that date.

Your consideration and response to this question is greatly appreciated. If you need any clarification or require further information, please call me at (713) 373-5365 or Mr. Allan Weatherford at (407) 875-5816.

Sincerely,

V. Duane Pierce

V. Duane Pierce, Ph.D.

cc: Allan Weatherford - FGT

FILE: fdepvext.doc

R. File

Department of Environmental Protection

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

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

May 30, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. V. Duane Pierce
Air Quality Supervisor
Phase III Expansion Project
Florida Gas Transmission Company
Post Office Box 1188
Houston, Texas 77251-1188

Dear Mr. Pierce:

Re: Request for Extensions to Air Construction Permits
AC 62-229319/PSD-FL-202-Taylor County
AC 05-229322-Brevard County
AC 56-230129/PSD-FL-203-St. Lucie County
AC 50-229440-Palm Beach County
AC 09-229441-Citrus County
AC 29-228821-Hillsborough

The Department is in receipt of your letter dated April 20, requesting to extend the expiration date of the above mentioned permits. The Bureau has evaluated your request and agrees to extend the expiration date of the permits as follows:

Expiration Date:

From: July 30, 1995
To: January 30, 1996

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 (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 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the applicant of the amendment request/application and the parties listed below must be filed within 14 days of receipt of this amendment. Petitions filed by other persons must be filed within 14 days of the amendment issuance or within 14 days of their receipt of this amendment, whichever occurs first. 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, F.S.

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 the 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 amendment. Persons whose substantial interests will be affected by any decision of the Department with regard to the amendment request/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 receipt of this amendment in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code.

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

Sincerely,

Howard L. Rhodes, Director
Division of Air Resources
Management

HLR/th/t

Enclosure: Mr. V. Duane Pierce's letter of April 20, 1995

cc: Ed Middleswart, NWD
Robert Leetch, NED
Charles Collins, CD
Isidore Goldman, SED
Jerry Campbell, EPCHC
Alan Weatherford, FGTC
Barry Andrews, ENRS
Jim Stormer, PBCHU

Florida Gas Transmission Company

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

April 20, 1995

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

RE: Extension of Construction Permits

Air Permit No. AC 62-229319/PSD-FL-202
FGT Compressor Station No. 15, Taylor County

Air Permit No. AC 05-229522
FGT Compressor Station No. 19, Brevard County

Air Permit No. AC 56-230129/PSD-FL-203
FGT Compressor Station No. 20, St. Lucie County

Air Permit No. AC 50-229440
FGT Compressor Station No. 21, Palm Beach County

Air Permit No. AC 09-229441
FGT Compressor Station No. 26, Citrus County

Air Permit No. AC 29-228821
FGT Compressor Station No. 30, Hillsborough County

Dear Mr. Fancy:

Florida Gas Transmission Company (FGT) requests an extension for each of the above referenced air construction permits to a date 60 days after the due date for the Title V permit application for the facility. A non-Title V operating permit application for each of the facilities was submitted on 31 March 1995.

If you have any questions or need additional information, please call me at (713) 646-7325 or Mr. Allan Weatherford at (407) 875/5816

Sincerely,

V. Duane Pierce, Ph.D
Air Quality Supervisor
Phase III Expansion Project

Florida Gas Transmission Company

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

March 31, 1995

COPY

Mr. Tom Tittle
Florida Department of Environmental Protection
Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

RE: Air Permit No. AC 56-230129/PSD-FL-203
FGT Compressor Station No. 20, St. Lucie County
Operating Permit Application

Dear Mr. Tittle:

Enclosed is one application for an air operating permit for the facilities constructed under the above referenced Air Construction Permit. This application is for a state operating permit only. It is not an application for a Title V permit. A Title V permit application for the entire facility will be submitted by the required submittal date for a Title V permit application.

The short form has been used for this application. This was chosen based on discussions with several Florida Department of Environmental Protection District offices and local program offices. There were differences of opinions as to which form was the appropriate form. The majority of opinions were for the short form. Our analysis of the regulations, the forms and the directions to the forms lead us to conclude that the short form is the most appropriate.

Emissions testing was performed on February 1, 1995, and the test report was submitted to your office on March 15, 1995, by Cubix Corporation.

We understand that a fee is not required since we have paid an annual operating fee for this facility.

We will be requesting an extension for our construction permit to a date 60 days past the due date for our Title V permit application. This will be done through the Department of Environmental Protection in Tallahassee since they issued the Construction Permit. We will copy you on this request.

If you have any questions or need further information, please call me at (713) 646-7323 or Mr. Allan Weatherford at (407) 875-5816.

Sincerely,

V. Duane Pierce

V. Duane Pierce, Ph.D.
Air Quality Supervisor
Phase III Expansion Project

cc: Clair Fancy - FDEP - Tallahassee

William Rome - FGT - w/o attachments

Allan Weatherford - FGT

FGT Fort Pierce Compressor Station No. 20 File

FILE: 20opapp.doc

COPY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - SHORT FORM

I. APPLICATION INFORMATION

Identification of Facility Addressed in This Application

Compressor Station No. 20
Florida Gas Transmission Company
St. Lucie County, Florida

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official :

Name : William E. Rome
Title : Vice President, Operations

2. Owner or Authorized Representative or Responsible Official Mailing Address :

Organization/Firm : Florida Gas Transmission Company
Street Address : 1400 Smith Street
City : Houston
State : TX Zip Code : 77002-____

3. Owner/Authorized Representative or Responsible Official Telephone Numbers :

Telephone : 7138536071 Fax :

4. Owner/Authorized Representative or Responsible Official Statement :

I, the undersigned, am the owner or authorized representative of the facility (non-Title V source) addressed in this Application for Air Permit or the responsible official, as defined in Chapter 62-213, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. If the purpose of this application is to obtain an air operation permit or operation permit revision for one or more emissions units which have undergone construction or modification, I certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.*

Signature

3/31/95
Date

Scope of Application

Emissions Unit ID	Description of Emissions Unit
05	Compressor Engine No. 2005
Unknown	Emergency Generator
Unknown	Fugitive Emissions

Purpose of Application

Category I : All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain :

[ ] Initial air operation permit for one or more existing, but previously unpermitted, emissions units.

[X] Initial air operation permit for one or more newly constructed or modified emissions units.

Current construction permit number :
AC 56-230129

[ ] Air operation permit revision to address one or more newly constructed or modified emissions units.

Current construction permit number :

Operation permit to be revised :

[ ] Air operation permit renewal.

Operation permit to be renewed :

Application Processing Fee

Attached - Amount : NA

Construction/Modification Information

1. Description of Alterations : No Alterations
2. Date of Commencement of Construction : 2/15/94

Professional Engineer Certification

1. Professional Engineer Name : Jimmy D. Harp

   Registration Number : 17362

2. Professional Engineer Mailing Address :

   Organization/Firm : Florida Gas Transmission Company
   Street Address : 1400 Smith Street
   City : Houston
   State : TX Zip Code : 77002-____

3. Professional Engineer Telephone Numbers :

   Telephone : 7138531619 Fax : 7136462723

4. Professional Engineer Statement :

   I, the undersigned, hereby certified, except as particularly noted herein, that :*

   (1) To the best of my knowledge, there is reasonable assurance (a) that the air pollutant emissions unit(s) and the air pollutant control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions in the Florida Statues and rules of the Department of Environmental Protection; and

   (2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

   Jimmy D. Harp
   Signature

   3/30/95
   Date

Application Contact

1. Name and Title of Application Contact :

Name : Allan Weatherford
Title : Division Environmental Specialist

2. Application Contact Mailing Address :

Organization/Firm : Florida Gas Transmission Company
Street Address : 601 South Lake Destiny Drive
City : Maitland
State : FL Zip Code : 32751-____

3. Application Contact Telephone Numbers :

Telephone : 4078755816 Fax : 4078755896

Application Comment

This application is for a non-Title V operating permit for new sources. ATitle V application will be submitted for this facility by the appropriate due date.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Name, Location, and Type

1. Facility Owner or Operator :
   Florida Gas Transmission Company

2. Facility Name : Compressor Station No. 20

3. Facility Identification Number : 50WPB56006

4. Facility Location Information :

   Compressor Station No. 20
   Florida Gas Transmission Company
   St. Lucie County, Florida

   Facility Street Address : 8701 Orange Avenue
   City : Fort Pierce
   County : St. Lucie Zip Code : 34945-____

5. Facility UTM Coordinates :

   Zone : 17 East (km) : 558.01 North (km) : 3035.68

6. Facility Latitude/Longitude :

   Latitude (DD/MM/SS) : 27 26 43 Longitude (DD/MM/SS) : 80 24 47

7. Governmental Facility Code :	8. Facility Status Code :	9. Relocatable Facility ?	10. Facility Major Group SIC Code :
0	A	N	49

11. Facility Comment :

Facility Contact

1. Name and Title of Facility Contact :

Name : Allan Vollmer
Title : Area Leader

2. Facility Contact Mailing Address :

Organization/Firm : Florida Gas Transmission Company
Street Address : 8701 Orange Avenue
City : Fort Pierce
State : FL Zip Code : 34945-____

3. Facility Contact Telephone Numbers :

Telephone : 4074666277 Fax : 4074649859

Facility Regulatory Classifications

1. Small Business Stationary Source?	N
2. Title V Source?	
3. Synthetic Non-Title V Source by Virtue of Previous Air Construction Permit? Construction Permit Number/Issue Date : AC 56-230129 09/23/93	N
4. Facility Regulatory Classifications Comment : Facility is a Title V facility. This application is for a non-Title V operating permit.	

D. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location :	Attachment 1
2. Facility Plot Plan :	Attachment 2
3. Process Flow Diagram(s) :	Attachment 3
4. Precautions to Prevent Emissions of Unconfined Particulate Matter :	NA

III. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 1

Type of Emissions Unit Addressed in This Section

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions only.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 1

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Compressor Engine No. 2005	
2. ARMS Identification Number : 05	
3. Emissions Unit Status Code : A	4. Emissions Unit Major Group SIC Code : 49
5. Initial Startup Date : 1/15/95	
6. Long-term Reserve Shutdown Date :	
7. Package Unit : Manufacturer : Cooper-Bessemer Model Number : 10V-275C	
8. Generator Nameplate Rating : MW	
9. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F	
10. Emissions Unit Comment :	

Emissions Unit Information Section 1

Emissions Unit Control Equipment 1

1. Description : Lean burn engine.
2. Control Device or Method Code :

Emissions Unit Information Section 1

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	33 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate : Units :	
4. Maximum Production Rate : Units :	
5. Operating Capacity Comment : Manufacturer rated at 4000 bhp.	

Emissions Unit Information Section 1

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 1

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Attachment 3
2. Fuel Analysis or Specification :	Attachment 4
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	Attachment 5
5. Compliance Test Report :	03/16/95
6. Procedures for Startup and Shutdown :	NA
7. Operation and Maintenance Plan :	NA
8. Other Information Required by Rule or Statue :	NA

III. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 2

Type of Emissions Unit Addressed in This Section

[X] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions only.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 2

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Emergency Generator	
2. ARMS Identification Number : Unknown	
3. Emissions Unit Status Code : A	4. Emissions Unit Major Group SIC Code : 49
5. Initial Startup Date : 1/15/95	
6. Long-term Reserve Shutdown Date :	
7. Package Unit : Manufacturer : Cummins-Onan Model Number : GTA-19	
8. Generator Nameplate Rating : 0 MW	
9. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F	
10. Emissions Unit Comment : The emergency generator will operate no more than 400 hours per year.	

Emissions Unit Information Section _____

Emissions Unit Control Equipment _____

1. Description :
2. Control Device or Method Code :

Emissions Unit Information Section 2

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	5 mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate : Units :	
4. Maximum Production Rate : Units :	
5. Operating Capacity Comment :	

Emissions Unit Information Section 2

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :			
	hours/day		days/week
	weeks/year	400	hours/year

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 2

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Attachment 3
2. Fuel Analysis or Specification :	Attachment 4
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	NA
7. Operation and Maintenance Plan :	NA
8. Other Information Required by Rule or Statue :	NA

III. EMISSIONS UNIT INFORMATION

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Information Section 3

Type of Emissions Unit Addressed in This Section

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, an individually-regulated emission point (stack or vent) serving a single process or production unit, or activity, which also has other individually-regulated emission points.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a collectively-regulated group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions only.

[X] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

Emissions Unit Information Section 3

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : Fugitive Emissions	
2. ARMS Identification Number : Unknown	
3. Emissions Unit Status Code : A	4. Emissions Unit Major Group SIC Code : 49
5. Initial Startup Date : 1/15/95	
6. Long-term Reserve Shutdown Date :	
7. Package Unit : Manufacturer : Various Model Number : Various	
8. Generator Nameplate Rating : MW	
9. Incinerator Information : Dwell Temperature : °F Dwell Time : seconds Incinerator Afterburner Temperature : °F	
10. Emissions Unit Comment : Potential fugitive emissions from Compressor Station No. 20 include fugitive emissions from the new valves and flanges that are in gas service.	

Emissions Unit Information Section _____

Emissions Unit Control Equipment _____

1. Description :
2. Control Device or Method Code :

Emissions Unit Information Section 3

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	mmBtu/hr
2. Maximum Incinerator Rate :	lb/hr tons/day
3. Maximum Process or Throughput Rate : Units :	
4. Maximum Production Rate : Units :	
5. Operating Capacity Comment : This section is not applicable to fugitive emissions.	

Emissions Unit Information Section 3

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :	
24 hours/day	7 days/week
52 weeks/year	8760 hours/year

I. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 3

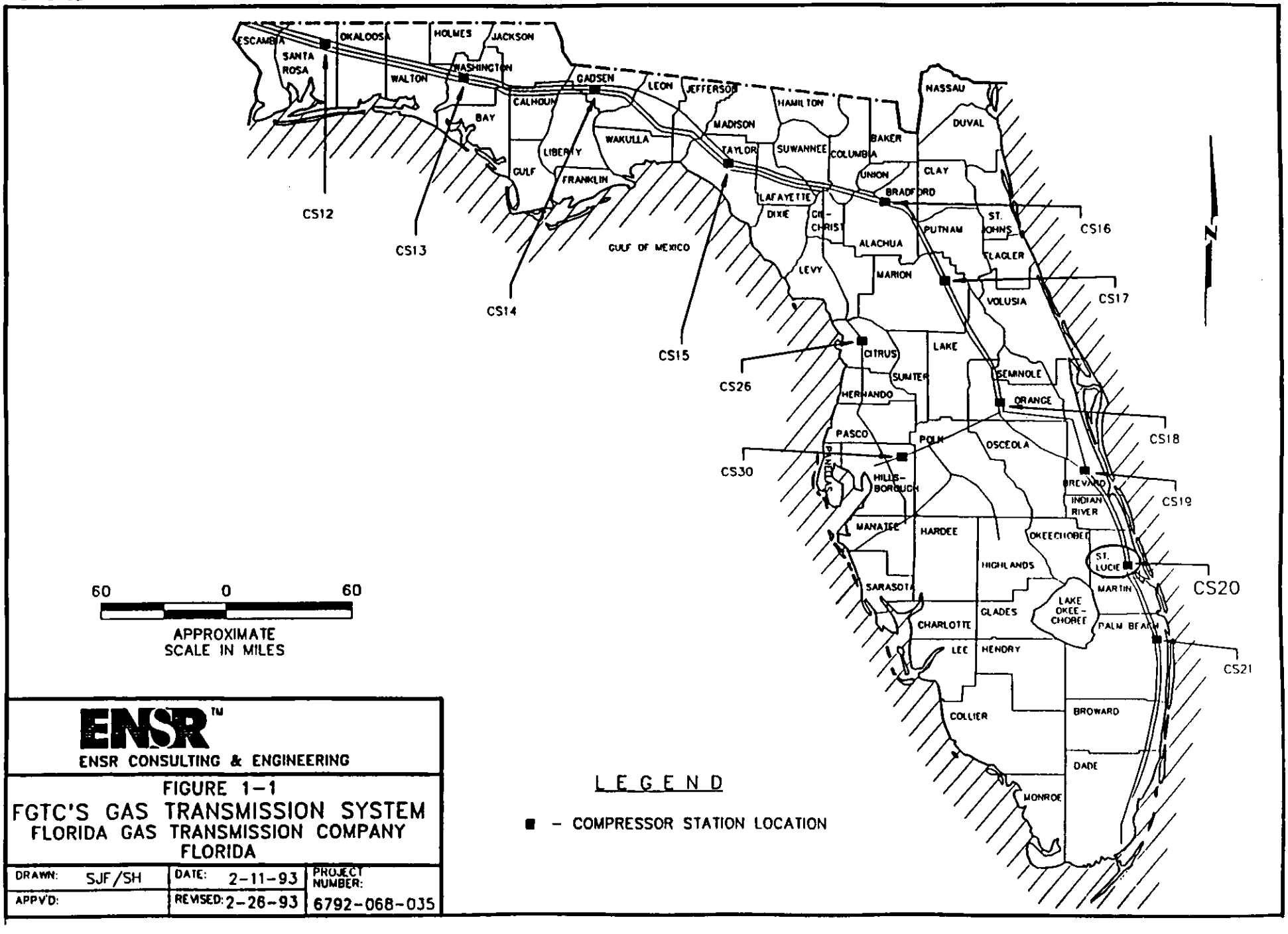
Supplemental Requirements for All Applications

1. Process Flow Diagram :	Attachment 3
2. Fuel Analysis or Specification :	NA
3. Detailed Description of Control Equipment :	NA
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	NA
6. Procedures for Startup and Shutdown :	NA
7. Operation and Maintenance Plan :	NA
8. Other Information Required by Rule or Statue :	NA

ATTACHMENT 1

Area Map

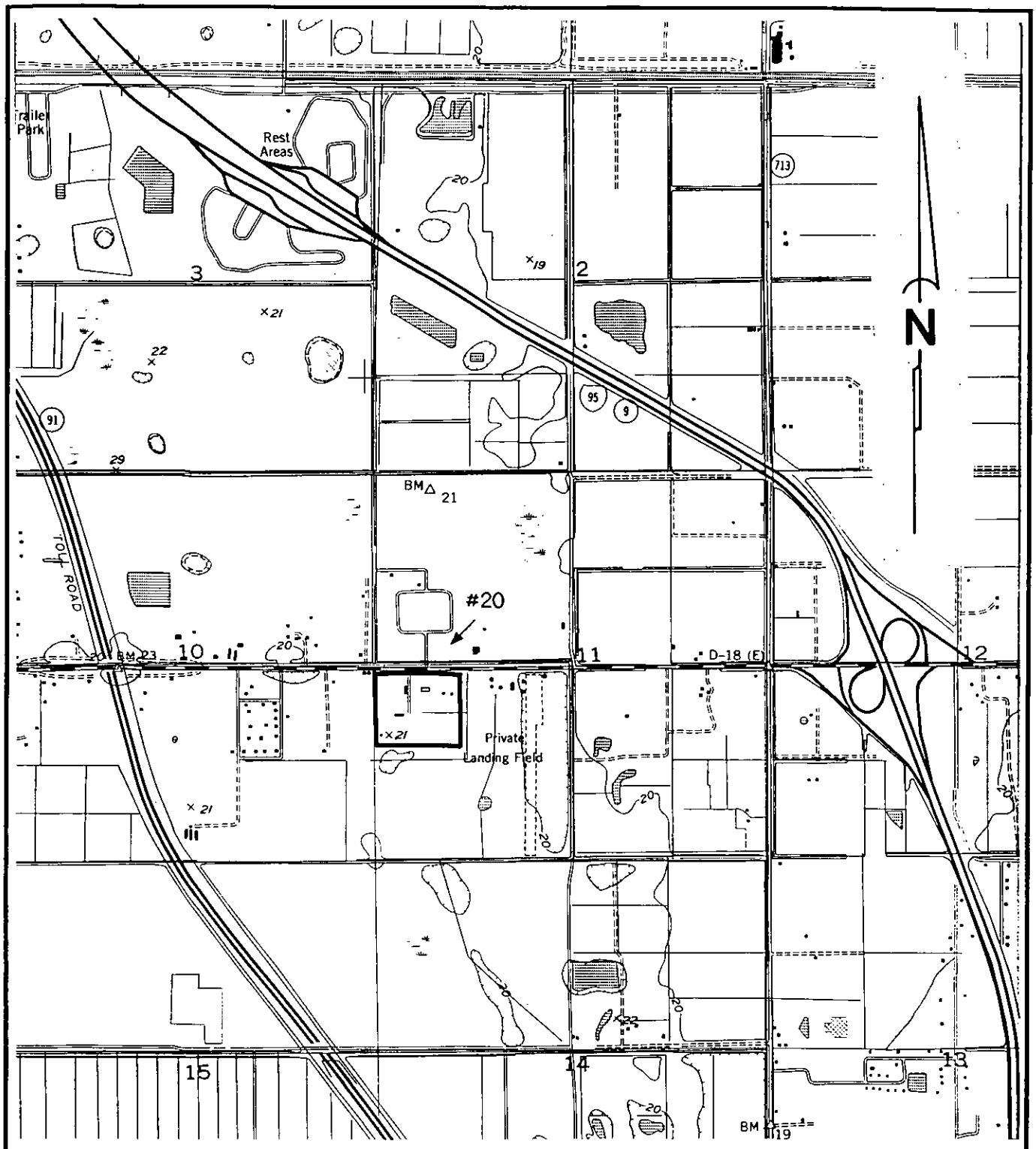
CE679265
12-15-92



ENSR™
ENSR CONSULTING & ENGINEERING

FIGURE 1-1
FGTC'S GAS TRANSMISSION SYSTEM
FLORIDA GAS TRANSMISSION COMPANY
FLORIDA

DRAWN: SJF/SH	DATE: 2-11-93	PROJECT NUMBER:
APPV'D:	REVISED: 2-26-93	6792-068-035



0 2000 4000

SCALE IN FEET

REFERENCE: U.S.G.S. Quadrangle Map for Fort Pierce NW, Florida, 1983.

TOPO

ENSR™

ENSR CONSULTING AND ENGINEERING

FIGURE 1-2

SITE LOCATION MAP

COMPRESSOR STATION #20

FLORIDA GAS TRANSMISSION COMPANY

FT. PIERCE, FLORIDA

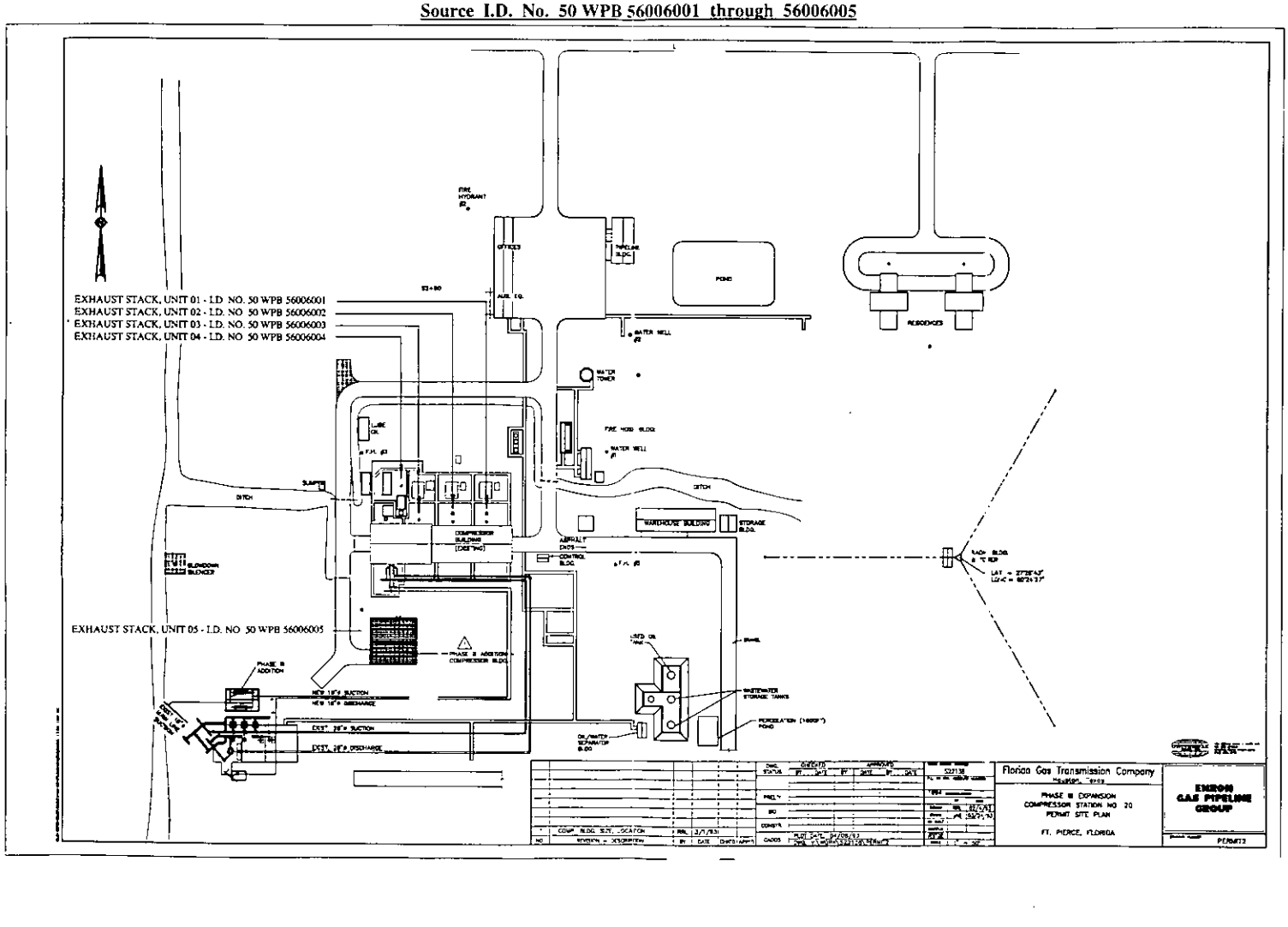
DRAWN BY: SJF/SH	DATE: 12-16-92	PROJECT NUMBER: 6792-068-035
CHK'D.BY:	REVISED:	

ATTACHMENT 2

Plot Plan

AIR EMISSIONS PLOT PLAN C/S 20

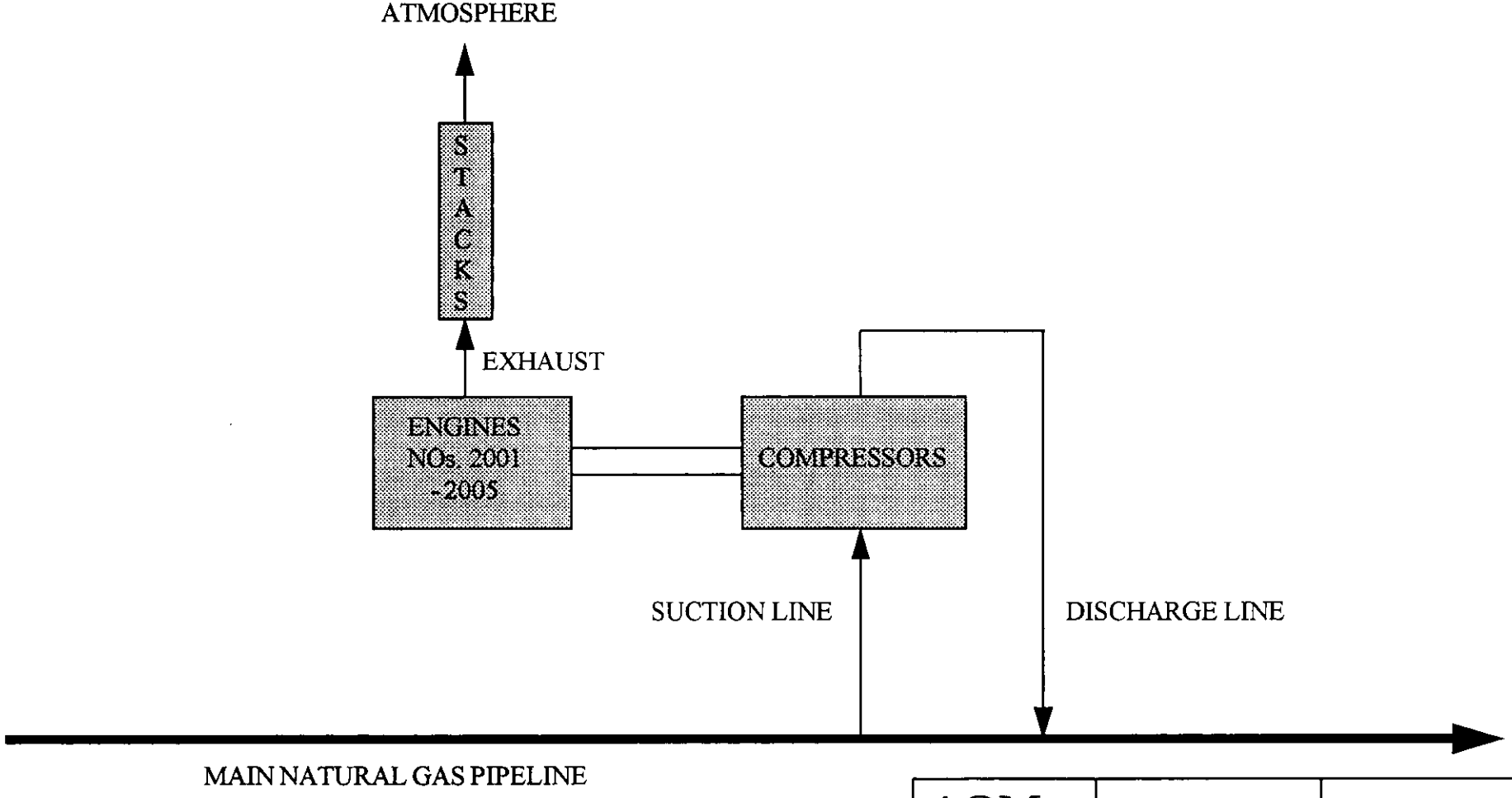
Source I.D. No. 50 WPB 56006001 through 56006005



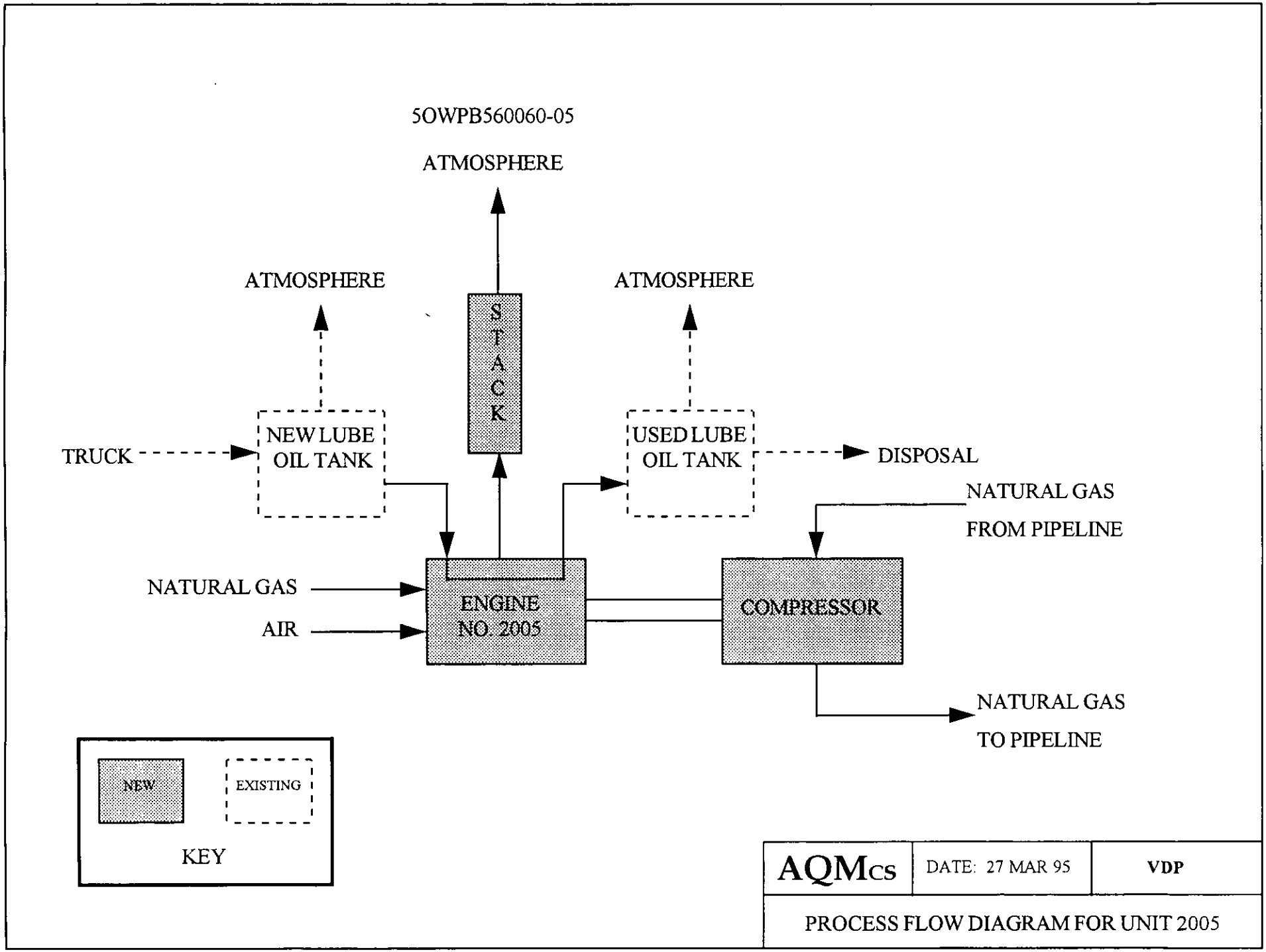
ATTACHMENT 3

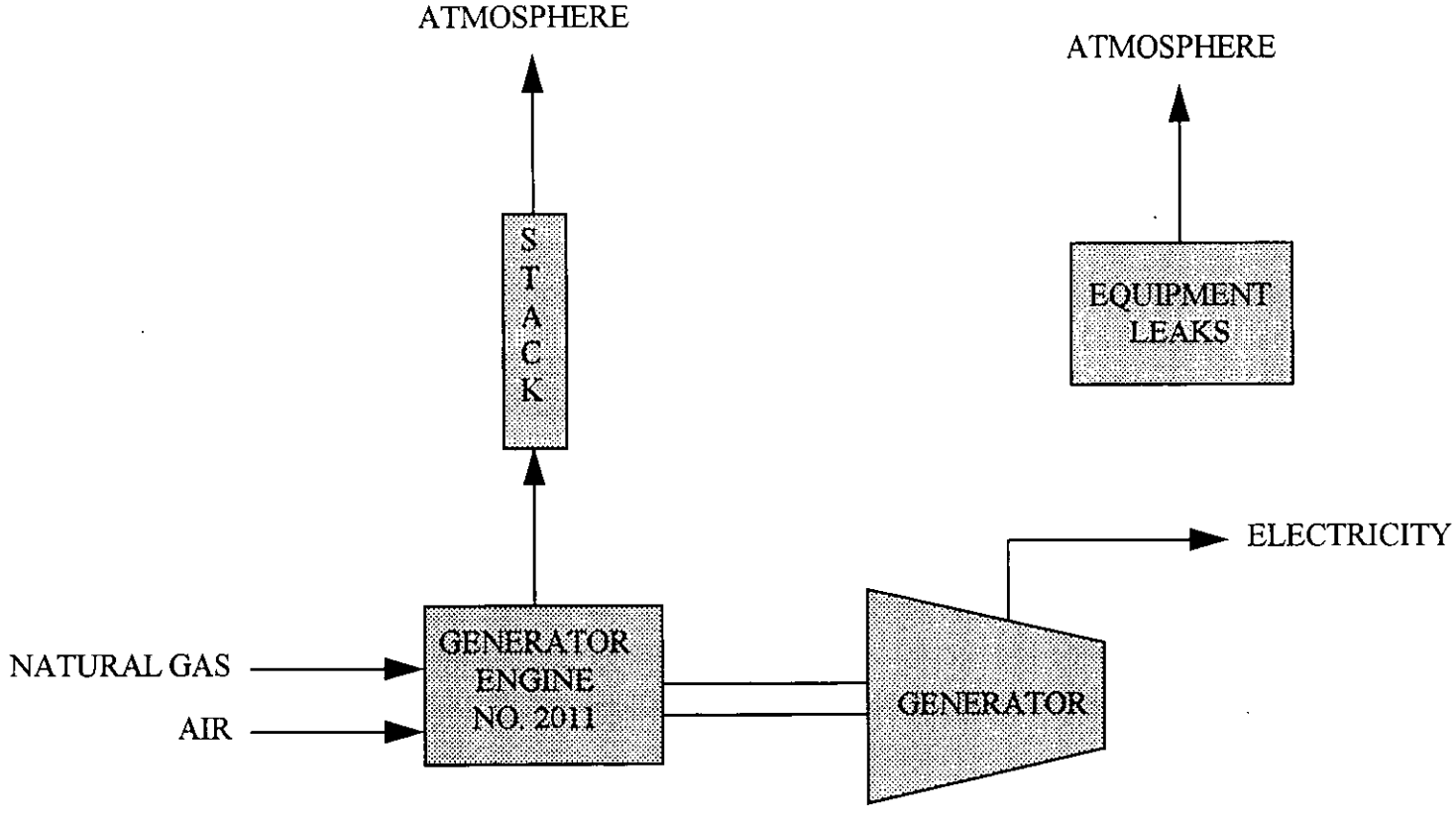
Process Flow Diagrams

5OWPB560060-01
5OWPB560060-02
5OWPB560060-03
5OWPB560060-04
5OWPB560060-05



AQMcs	DATE: 29 MAR 95	VDP
PROCESS FLOW DIAGRAM FOR STATION 20		


5OWPB560060-05
ATMOSPHERE
ATMOSPHERE
ATMOSPHERE
STACK
TRUCK
NEW LUBE OIL TANK
USED LUBE OIL TANK
DISPOSAL
NATURAL GAS
FROM PIPELINE
NATURAL GAS
AIR
ENGINE NO. 2005
COMPRESSOR
NATURAL GAS
TO PIPELINE
NEW
EXISTING
KEY
AQMcs
DATE: 27 MAR 95
VDP
PROCESS FLOW DIAGRAM FOR UNIT 2005



AQMcs	DATE: 27 MAR 95	VDP
PROCESS FLOW DIAGRAM FOR UNIT 2005 UTILITIES		

ATTACHMENT 4

Typical Fuel Analyses

ANALYSIS

DATE: 05/03/94 ANALYSIS TIME: 345 STREAM SEQUENCE: 1
TIME: 11:07 CYCLE TIME: 360 STREAM#: 1
ANALYZER#: 1 MODE: RUN CYCLE START TIME: 11:01

COMP NAME	COMP CODE	MOLE %	GAL/MCF**	B.T.U.*	REL DEN*
HEXANE +	151	0.087	0.0381	4.49	0.0028
PROPANE	152	0.437	0.1204	11.02	0.0067
I-BUTANE	153	0.101	0.0331	3.30	0.0020
N-BUTANE	154	0.092	0.0291	3.02	0.0019
IPENTANE	155	0.040	0.0147	1.61	0.0010
NPENTANE	156	0.025	0.0091	1.01	0.0006
NITROGEN	157	0.385	0.0421	0.00	0.0037
METHANE	158	85.242	16.1435	864.13	0.5275
CO2	159	0.742	0.1265	0.00	0.0113
ETHANE	160	2.848	0.7618	50.52	0.0298
TOTALS		100.000	17.3185	1039.10	0.5871

* @ 14.730 PSIA & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z) = 1.0022
DRY B.T.U. @ 14.730 PSIA & 60 DEG. F CORRECTED FOR (1/Z) = 1041.4
REAL RELATIVE DENSITY = 0.5881
UNNORMALIZED TOTAL = 100.00
ANALOG INPUT CHANNEL 1 = H 2 S 140 = .15023
ANALOG INPUT CHANNEL 2 = WATER 144 = 3.7902

ACTIVE ALARMS

NONE

FLORIDA GAS TRANSMISSION CO.
BROOKER LAB- Main Line
STANDARD GAS 1041.8 / 0.5939
CERTIFIED VALUE BTU 1041.9 GRAV. 0.5939
TOTAL SULFUR 0.03 GR/CCF H^2S 0.02 GR/CCF
H^2O 2.6 #/MMCF BY Ron Fletcher

ANALYSIS

DATE: 12/01/93 ANALYSIS TIME: 345 STREAM SEQUENCE: 12
TIME: 12:38 CYCLE TIME: 360 STREAM#: 1
ANALYZER#: 1 MODE: RUN CYCLE START TIME: 12:32

COMP NAME	COMP CODE	MOLE %	GAL/MCF**	B.T.U.*	REL DEN*
HEXANE +	151	0.076	0.0333	3.92	0.0025
PROPANE	152	0.580	0.1599	14.64	0.0088
I-BUTANE	153	0.119	0.0388	3.87	0.0024
N-BUTANE	154	0.126	0.0398	4.12	0.0025
IPENTANE	155	0.041	0.0150	1.64	0.0010
NPENTANE	156	0.026	0.0094	1.04	0.0006
NITROGEN	157	0.460	0.0504	0.00	0.0044
METHANE	158	94.190	15.9651	953.48	0.5217
CO2	159	0.747	0.1273	0.00	0.0114
ETHANE	160	3.635	0.9724	64.48	0.0377
TOTALS		100.000	17.4114	1047.20	0.5931

* @ 14.730 PSIA & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z) = 1.0023
DRY B.T.U. @ 14.730 PSIA & 60 DEG. F CORRECTED FOR (1/Z) = 1049.6
REAL RELATIVE DENSITY = 0.5942
UNNORMALIZED TOTAL = 99.97

ACTIVE ALARMS

NONE

FLORIDA GAS TRANSMISSION CO.
BROOKER LAB- W & T
STANDARD GAS 1042.9 0.5940
CERTIFIED VALUE BTU 1042.0 GRAV. 0.5940
TOTAL SULFUR 0.15 GR/CCF H^2S 0.09 GR/CCF
H^2O 28 #/MMCF BY Ron Lack

ANALYSIS.

DATE: 01/12/93		ANALYSIS TIME:	345	STREAM SEQUENCE:	12
TIME: 12:32		CYCLE TIME:	360	STREAM#:	1
ANALYZER#:	1	MODE:	RUN	CYCLE START TIME:	12:26

COMP NAME	COMP CODE	MOLE %	GAL/MCF**	B.T.U.*	SP. GR.*
HEXANE +	151	0.073	0.0319	3.76	0.0024
PROPANE	152	0.930	0.2561	23.44	0.0142
I-BUTANE	153	0.189	0.0618	6.16	0.0038
N-BUTANE	154	0.228	0.0718	7.45	0.0046
IPENTANE	155	0.057	0.0210	2.31	0.0014
NPENTANE	156	0.040	0.0144	1.60	0.0010
NITROGEN	157	0.810	0.0000	0.00	0.0078
METHANE	158	93.511	0.0000	946.61	0.5180
CO2	159	0.774	0.0000	0.00	0.0118
ETHANE	160	3.388	0.9064	60.10	0.0352
NMHC		4.905			
TOTALS		100.000	1.3634	1051.41	0.6000

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

** @ 14.730 & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z)	= 1.0023
DRY B.T.U. @ 14.730 PSIA & 60 DEG. F CORRECTED FOR (1/Z)	= 1053.8
SAT B.T.U. @ 14.730 PSIA & 60 DEG. F CORRECTED FOR (1/Z)	= 1035.5
REAL SPECIFIC GRAVITY	= 0.6011
UNNORMALIZED TOTAL	= 100.17

ACTIVE ALARMS

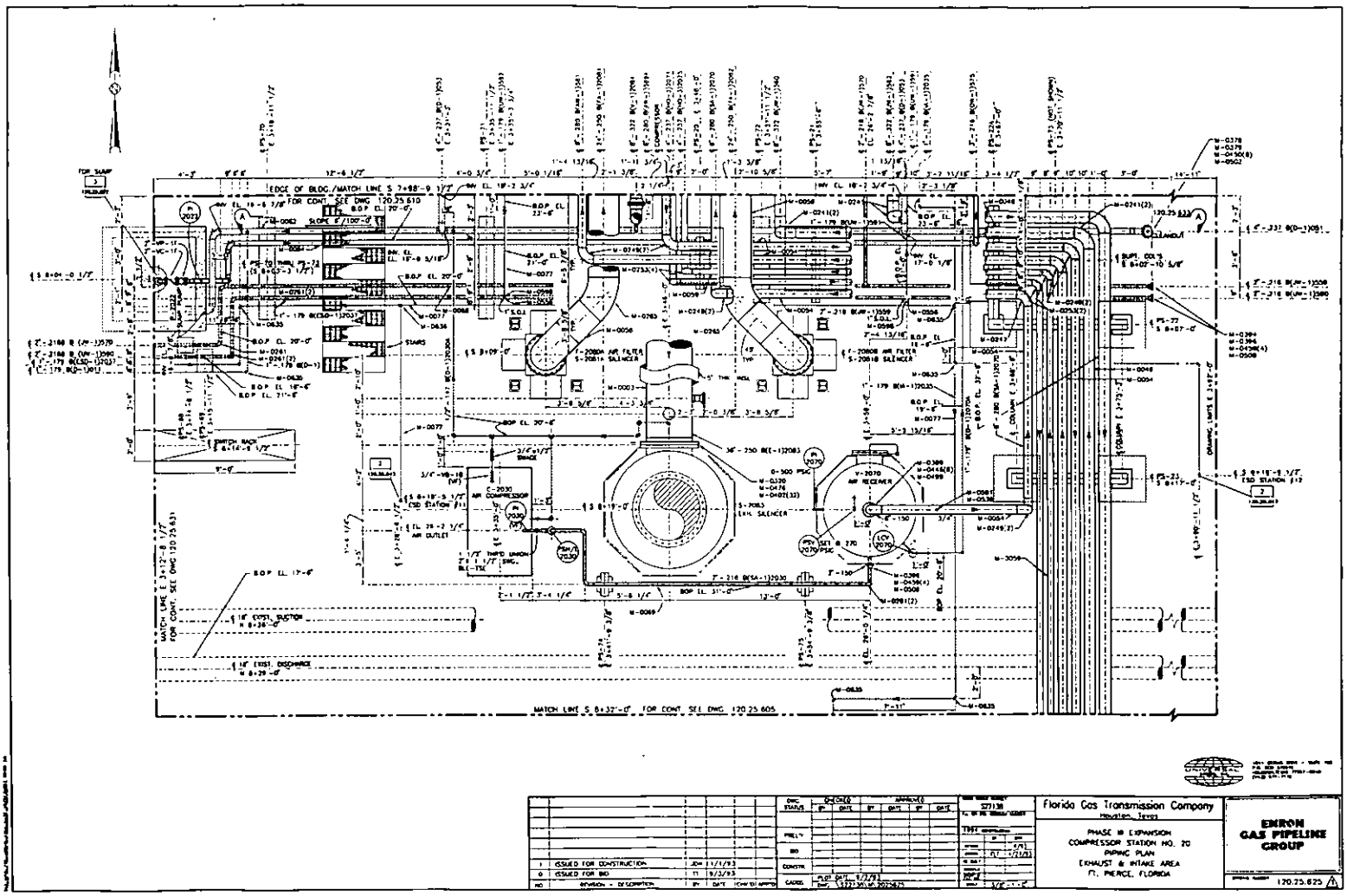
NONE

FLORIDA GAS TRANSMISSION CO.
BROOKER LAB- WET
STANDARD GAS 1041.9 / 0.5940
CERTIFIED VALUE BTU 1042.0 GRAV. 0.5940
TOTAL SULFUR 0.48 GR/CCF H^2S 0.03 GR/CCF
H^2O 2.7 #/MMCF BY Bill Stinson

RECEIVED
JAN 14 1993
TECH OPERATIONS

ATTACHMENT 5

Sampling Facility Drawings



NO	REVISION - DESCRIPTION	BY	DATE	CHK'D	APP'D
1	ISSUED FOR CONSTRUCTION	JD	11/1/93		
0	ISSUED FOR BID	TT	9/3/93		

DWG STATUS	CHK'D BY	CHK'D DATE	APP'D BY	APP'D DATE	APP'D BY	APP'D DATE
PRELIM						
BID						
CONSTR						
CADD	PLOT DATE 9/2/93					

Florida Gas Transmission Company
Houston, Texas

PHASE III EXPANSION
COMPRESSOR STATION NO. 20
PIPING PLAN
EXHAUST & INTAKE AREA
FT. PIERCE, FLORIDA

ENRON GAS PIPELINE GROUP

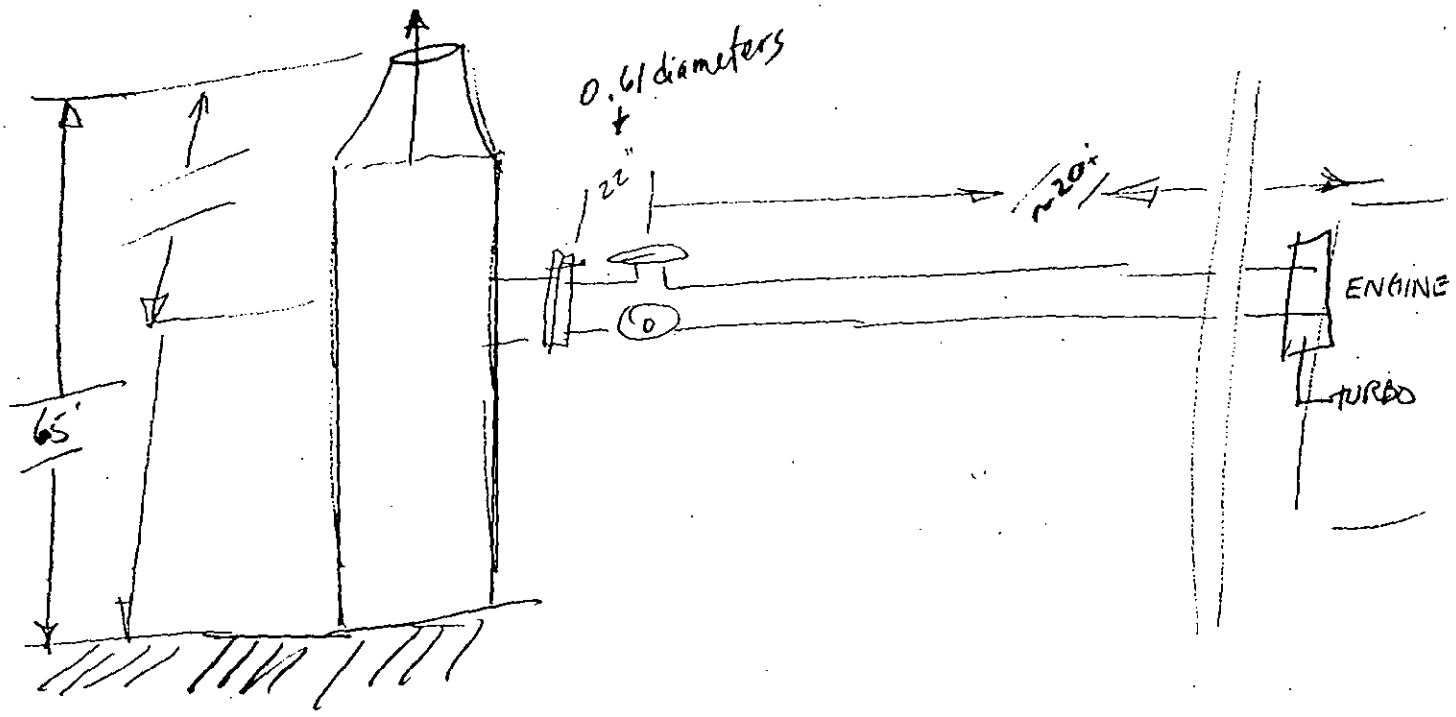
120.25.625 A

Circular Stack Sampling Traverse Point Layout
(EPA Method 1)

Date: 1-31
Plant: K20
Source: Cooper Bessemer
Technician(s) CC / MH / LB

Port + Stack ID:: 48.75 in.
Port Extension 13.25 in.
Stack ID: 35.5 in.
Stack Area 6.87 ft²
Total Req'd Traverse Pts. 16
No. of Traverse Pts. 8 /diam.
No. of Traverse Pts. 8 /port

Stack Diagram (Side View showing major unit components, dimensions and nearest upstream & downstream flow disturbances)



Traverse Point Number	Length Factor (% of diameter) Number of traverse pts./diameter				Distance from Reference Point (inches) + Port Ext =
	4	6	8	12	
1	6.7	4.4	3.2	2.1	1.14 14.89
2	25.0	14.6	10.5	8.2	3.73 16.98
3	75.0	29.6	19.4	11.8	6.89 20.23 14
4	93.3	70.4	32.3	17.7	11.47 24.72
5		85.4	67.7	25.0	24.03 37.28
6		95.6	80.6	35.6	28.61 41.86
7			89.5	64.4	31.77 44.96
8			96.8	75.0	34.36 47.61
9				82.3	
10				88.2	
11				93.3	
12				97.9	

Florida Gas Transmission Company

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

March 3, 1994

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

Dear Mr. Fancy:

Florida Gas Transmission Company invites you to attend a meeting March 22 and 23 in Tallahassee, Florida concerning the Phase III Expansion project. The purpose of the meeting is to review the environmental requirements included in the Environmental Impact Statement. The development of coordinating and reporting systems is another topic which will be discussed. Finally, the meeting will provide a forum for round table exchange of information, including opportunities for questions and discussion.

The Federal Energy Regulatory Commission will present an overview of the Environmental Impact Statement mitigation measures related to the Phase III construction. Other federal and state agencies also will make presentations. The Florida Department of Environmental Protection will be allotted up to 30 minutes to make a presentation.

Virginia Wetherell, Janet Lewellyn and Connie Bersock from your organization also have been invited. From each of your areas, one additional person who has been involved in the Phase III project also is invited.

A Florida Gas Transmission Company representative will contact you to get your input on this meeting and to find out who from your organization will attend.

The meeting will be held at the Sheraton Tallahassee Hotel at 101 South Adams Street, and will begin with a get-acquainted reception the evening of March 22. Rooms will be reserved and detailed information will be sent to you as soon as possible. I look forward to seeing you.

Sincerely,

Carl D. Schulz
Vice President
Project Management Services
FGT Phase III Expansion

Enclosure

FLORIDA GAS TRANSMISSION COMPANY/AGENCY/CONTRACTOR MEETING
March 22-23, 1994
Sheraton Tallahassee Hotel
Invitation List

Enron/Sonat/FGT Personnel

Tom White - Enron Operations Corp. - Chairman and CEO

Stan Horton - Enron Operations Corp. - President & COO/CEO - Interstate Pipelines

Jim Moylan - Sonat Inc. - Vice President and Controller

Jim Prentice - Enron Operations Corp. - Senior Vice President & Chief Technical Officer

Bill Allison - Florida Gas Transmission Company - President

Carl Schulz - FGT Phase III - Vice President of Project Management Services

Bill Rome - FGT - Vice President of Operations

Bill Osborne - FGT Phase III - Director-Environmental

Steve Veatch - FGT - Manager of Certificates and Regulatory Reporting

Kevin McGlynn - FGT Phase III - Director-Pipeline Construction

Carlon Nelson - FGT Phase III - Director-Compression Construction

Jerry Murphy - FGT Phase III - Director-Compression Construction

Tilford Vik - FGT Phase III - Assistant to the Vice President

Christie Patrick - Enron Corp. - Senior Counsel

Don Templeton - FGT Phase III - Manager-Pipeline Construction

Lindy Wickstrom - FGT Phase III - Manager-Pipeline Construction

Albert Hughes - FGT Phase III - Technical Support Manager

Ray Stephenson - FGT Phase III - Pipeline Consultant

Other Agencies

Florida Division of Forestry - W.R. Helm, Jr. - Chief, Forest Management Bureau, and one staff member

Florida Game and Fresh Water Fish Commission - Brad Hartman - Director of the Office of Environmental Services, and one staff member

U.S. Forest Service - Marvin Meier - Regional Forester, and one staff member

U.S. Fish and Wildlife Service - Don Palmer - Wildlife Biologist, and one staff member

Contractors

W.H.C., Inc. - George Crain, Jr., president, and all field superintendents

Ranger Plant Constructional Company, Inc. - Wayne Stringer, president, and all field superintendents

Bluewater Constructors, Inc. - John Welkey, president, and all field superintendents

Piute Contractors, Inc. - Don Loncarich, president, and all field superintendents

H.C. Price Co. - Tom White, president, and all field spread superintendents

Murphy Bros., Inc. - William Murphy, president, and all field spread superintendents

Latex Construction Company - W.E. Honey, Jr., and all field spread superintendents

Federal Energy Regulatory Commission

Kevin Madden – Director–Office of Pipeline and Producer Regulation

Mark Jensen – Project Manager – Environmental Policy and Project Analysis Branch

Rich Hoffman – Chief–Environmental Policy and Project Analysis Branch

Randy Mathura – Deputy Director–Division of Market and Engineering Environmental Analysis

Pat Patterson – Project Manager–EBASCO Environmental

Florida Department of Environmental Protection

Virginia Wetherell – Secretary–Florida DEP

Clair Fancy – Chief, Bureau of Air Regulation

Janet Lewellyn – Chief, Bureau of Wetland Resource Management

Connie Bersock – Environmental Administrator, Bureau of Wetland Resource Management

U.S. Army Corps of Engineers

Col. Michael Diffley – District Engineer, New Orleans District and one staff member

Col. Stanley Phernambucq – District Engineer, Vicksburg District and one staff member

Col. Robert Griffin – District Engineer, Mobile District and one staff member

Col. Terrence Salt – District Engineer, Jacksonville District and one staff member

John Hall – Chief of Regulatory Division, Jacksonville District