

Check Sheet

Company Name: *Central Fla. Pipelines*
Permit Number: *AC 48-180015*
PSD Number:
County: *Orange*
Permit Engineer:
Others involved:

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Final Application (if applicable)
- Waiver of Department Action
- Department Response

Intent:

- Intent to Issue
- Notice to Public
- Technical Evaluation
- BACT Determination
- Unsigned Permit

Attachments:

-
-
-
- Correspondence with:
 - EPA
 - Park Services
 - County
 - Other

- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)

Final Determination:

- Final Determination
- Signed Permit
- BACT Determination

Post Permit Correspondence:

- Extensions
- Amendments/Modifications
- Response from EPA
- Response from County
- Response from Park Services

P 256 396 132

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

U.S.G.P.O. 1985-234-555

PS Form 3800, June 1985

Sent to	Tom Rigg
Street and No.	Central Fla Pipeline
P.O., State and ZIP Code	100 GATX Dr.
Postage	Tampa, FL
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	Notice AC 48-180015 6-29-90

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

3. Article Addressed to:
Tom Rigg
Mgr. of Fla. Operations
Central Fla. Pipeline Corp.
100 GATX Dr.
Tampa, FL 33605

4. Article Number
P 256 396 132

Type of Service:
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X

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

6. Signature - Agent
X Sandy Wilburn

7. Date of Delivery
7/3/90

PS Form 3811, Apr. 1989

U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. Tom Rigg
Manager of Florida Operations
Central Florida Pipeline Corporation
100 GATX Drive
Tampa, Florida 33605

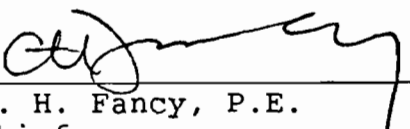
June 29, 1990

Enclosed is construction permit No. AC 48-180015 for Central Florida Pipeline Corporation to construct a gasoline additive tank No. A-15 at the GATX terminal in Taft, Orange County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, 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 Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; 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 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



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

Copy furnished to:

C. Collins, Central District
Robert Wallace, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of buisness on 6-29-90.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Kyri Jaber
Clerk

6-29-90
Date

Final Determination

Central Florida Pipeline Corporation
Taft, Orange County, Florida

Gasoline Additive Tank No. A-15
Permit No. AC 48-180015

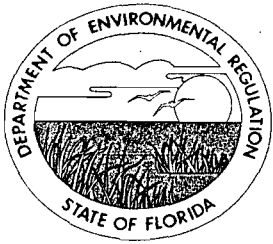
Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

June 29, 1990

Final Determination

The Technical Evaluation and Preliminary Determination for the permit to construct a gasoline additive tank No. A-15 at Central Florida Pipeline Corporation's GATX terminal in Taft, Orange County, Florida was distributed on May 22, 1990. The Notice of Intent to Issue was published in the Orlando Sentinel on June 7, 1990. Copies of the evaluation were available for public inspection at the Department's offices in Orlando and Tallahassee.

No comments were submitted on the Department's Intent to Issue the permit. The final action of the Department will be to issue construction permit No. AC 48-180015 as proposed in the Technical Evaluation and Preliminary Determination.



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

PERMITTEE:

Central Florida Pipeline Corp.
100 GATX Drive
Tampa, Florida 33605

Permit Number: AC 48-180015

Expiration Date: July 1, 1991

County: Orange

Latitude/Longitude: 28°25'19"
81°22'01"

Project: Gasoline Additive Tank
No. A-15

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. 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 Department and made a part hereof and specifically described as follows:

Install a 16,000 gallon gasoline additive tank No. A-15 (12 ft. diameter x 19 ft. high) equipped with a pressure/vacuum vent at the GATX terminal (SIC 5171) located at 9919 Palm Avenue, Taft, Orange County, Florida. This permit replaces permit No. AC 48-171145. The UTM coordinates of this facility are Zone 17, 463.8 km E and 3143 km N.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachment:

1. Application received April 13, 1990.

PERMITTEE:

Central Florida Pipeline Corp.

Permit No. AC 48-180015

Expiration Date: July 1, 1991

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver 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 acknowledgement 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.

PERMITTEE: Permit No. AC 48-180015
Central Florida Pipeline Corp. Expiration Date: July 1, 1991

GENERAL CONDITIONS:

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

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

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

PERMITTEE:

Central Florida Pipeline Corp.

Permit No. AC 48-180015

Expiration Date: July 1, 1991

GENERAL CONDITIONS:

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 the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes Compliance with New Source Performance Standards (NSPS).

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

PERMITTEE:
Central Florida Pipeline Corp.

Permit No. AC 48-180015
Expiration Date: July 1, 1991

GENERAL CONDITIONS:

- 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 measurements;
 - the person responsible for performing the sampling or measurements;
 - the dates analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Tank No. A-15 shall not handle more than 75,200 gallons of gasoline additives during any 12 month period. The permittee shall maintain records that show the quantity of volatile organic compounds handled in this tank.
2. This tank shall comply with all the applicable requirements of 40 CFR 60, Subpart Kb-Standards of Performance for Volatile Organic Liquid Storage Vessels (July 1, 1988). Applicable sections are 40 CFR 60.116b, (a) and (b).
3. This storage tank may be in service continuously, 8,760 hours/year.

PERMITTEE:

Central Florida Pipeline Corp.

Permit No. AC 48-180015

Expiration Date: July 1, 1991

SPECIFIC CONDITIONS:

4. This tank shall be equipped with a pressure/vacuum vent. Any liquid leaks in the pump, piping, or tank, shall be repaired promptly.

5. This tank and associated equipment shall not discharge air pollutants which cause or contribute to an objectionable odor (F.A.C. Rule 17-2.620).

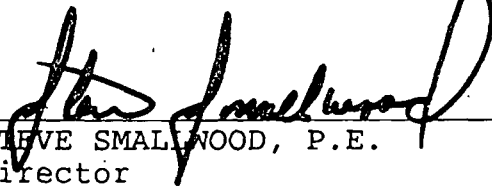
6. Volatile organic compounds emissions from this tank, as determined by the procedures described in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3, shall not exceed 0.09 TPY. If the parameters that the estimated emissions are based on change, the permittee shall recalculate the emissions from this tank and submit this data to the Department's Central District office.

7. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

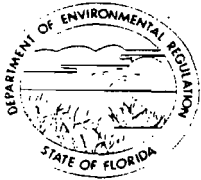
8. An application for an operation permit must be submitted to the Department's Central District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. 17-4.220).

Issued this 28th day
of June, 1990

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



STEVE SMALLWOOD, P.E.
Director
Division of Air Resources
Management



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Steve Smallwood
 FROM: Clair Fancy *CF*
 DATE: June 29, 1990
 SUBJ: Approval of Permit Application

Attached for your approval and signature is a permit prepared by Bureau of Air Regulation for Central Florida Pipeline Corporation to construct a gasoline additive tank No. A-15 at the GATX terminal in Taft, Orange County, Florida.

No comments were submitted on the Department's intent to issue this permit.

Day 90, after which this permit will be issued by default, is September 5, 1990.

I recommend your approval and signature.

CF/WH/plm

Attachment

OK/
fb
6-28-90

Said Marshall Matt-South
a copy of this and any
other permits that
involve the construction
or modification of
storage tank
for



CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, FL 33605
813-248-8361

June 19, 1990

RECEIVED

JUN 22 1990

DER-BAQM

Mr. Bill Thomas
Bureau of Air Regulation
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Central Florida Pipeline Corporation
DER File No. AC48-180015 - Notice of Intent to Issue

Dear Mr. Thomas:

Pursuant to Section 403.815, F. S. and DER Rule 17-103.150, F. A. C., Central Florida Pipeline Corporation (CFPL) published the enclosed Notice of Intent to Issue Permit for the construction of gasoline additive Tank No. A-15 at the Taft, Florida terminal. The Notice was published in the June 7, 1990 issue of the Orlando Sentinel.

Please contact me with any questions or concerns you may have regarding this application.

Sincerely,
CENTRAL FLORIDA PIPELINE CORPORATION

Elaine R. Macinski
Environmental Engineer

ERM:mrr
em-thom

cc: C. Collins, FDER-Central District
M. Hanks

GATX

CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, Florida 33605-6632



Mr. Bill Thomas
Bureau of Air Regulation
FDER
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Clare Fong



The Orlando Sentinel

Published Daily
Orlando, Orange County, Florida

RECEIVED

ADVERTISING CHARGE \$168.68

State of Florida) ss.
COUNTY OF ORANGE

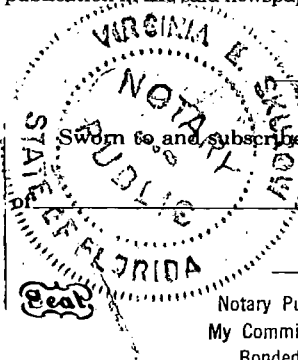
JUN 22 1990

DER - BAQM

Before the undersigned authority personally appeared
Juanita Rosado, who on oath says that

she is the Legal Advertising Representative of the Orlando Sentinel, a Daily newspaper published at Orlando, in Orange County, Florida; that the attached copy of advertisement, being a Notice of Intent to Issue in the matter of Central Florida Pipeline Corporation in the _____ Court, was published in said newspaper in the issues of June 7, 1990

Affiant further says that the said Orlando Sentinel is a newspaper published at Orlando, in said Orange County, Florida, and that the said newspaper has heretofore been continuously published in said Orange County, Florida, each Week Day and has been entered as second-class mail matter at the post office in Orlando, in said Orange County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.



Juanita Rosado
Sworn to and subscribed before me this 7th day

June 19 A.D., 19 90
Virginia E. Shuron
Notary Public

Notary Public, State of Florida at Large
My Commission Expires February 9, 1993
Bonded thru Brown & Brown, Inc.

FORM NO. AD-262

State of Florida
Department of Environmental
Regulation

Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (AC 48-180015) to Central Florida Pipeline Corporation, 100 GATX Drive, Tempe, Florida 33605, to construct a 16,000-gallon gasoline additive tank No. A-15 at the GATX terminal located at 9919 Palm Avenue, Taft, Orange County, Florida. Total volatile organic compounds, (VOC) emissions from tank No. A-15 are estimated to be 0.09.TPY. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request 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, 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, F.A.C.

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

Department of Environmental Regulation
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Department of Environmental Regulation
Central District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803-3767

Any person may send written comments on the proposed action to Mr. Barry Andrews at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

P 052 482 266

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

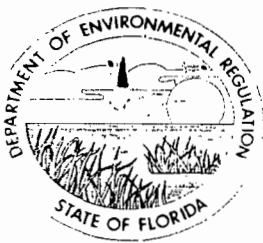
Sent to Tom Rigg	
Street and No. Central Fla. Pipeline Oper.	
P.O. State and ZIP Code Tampa, FL 33605	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 5-22-90 AC 48-180015	

PS Form 3800, June 1985

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Tom Rigg Mgr. of Fla. Operations Central Fla. Pipeline Oper. 100 GATK Dr Tampa, FL 33605	4. Article Number P 052 482 266
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature - Address X	Always obtain signature of addressee or agent and DATE DELIVERED.
6. Signature - Agent X Sandy Wellburn	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery 5/25/90	



Florida Department of Environmental Regulation

Two Towers Office Bldg • 2000 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Swachman, Secretary

John Shearer, Assistant Secretary

May 22, 1990

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Tom Rigg
Manager of Florida Operations
Central Florida Pipeline Corporation
100 GATX Drive
Tampa, Florida 33605

Dear Mr. Rigg:

The attached copy of the Technical Evaluation and Preliminary Determination and proposed permit to construct gasoline additive tank No. A-15 at the GATX terminal in Taft, Orange County, Florida, replaces the one dated January 18, 1990, that resulted in permit No. AC 48-171145 being issued.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Barry Andrews of the Bureau of Air Regulation.

Sincerely,

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

CHF/WH/plm

Attachments

c: C. Collins, Central District
Robert Wallace, P.E.

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permit by:

Central Florida Pipeline Corp.
100 GATX Drive
Tampa, Florida 33605

DER File No. AC 48-180015

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Central Florida Pipeline Corporation, applied on April 13, 1990, to the Department of Environmental Regulation for a permit to construct a gasoline additive tank No. A-15 at the GATX terminal located at 9919 Palm Avenue in Taft, Orange County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit is required for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "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. The applicant shall provide proof of publication to the Department, at the address specified within 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.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. 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;

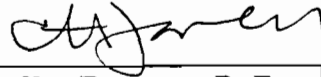
- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) 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(s) 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 in 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, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



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

Copies furnished to:

C. Collins, Central District
Robert Wallace, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on 5-22-90.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Kevin Decker
Clerk

5-22-90
Date

State of Florida
Department of Environmental Regulation
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (AC 48-180015) to Central Florida Pipeline Corporation, 100 GATX Drive, Tampa, Florida 33605, to construct a 16,000 gallon gasoline additive tank No. A-15 at the GATX terminal located at 9919 Palm Avenue, Taft, Orange County, Florida. Total volatile organic compounds (VOC) emissions from tank No. A-15 are estimated to be 0.09 TPY. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (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, 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, F.A.C.

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

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

Department of Environmental Regulation
Central District
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803-3767

Any person may send written comments on the proposed action to Mr. Barry Andrews at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation
and
Preliminary Determination

Central Florida Pipeline Corporation
Taft, Orange County, Florida

Gasoline Additive Tank No. A-15
File No. AC 48-180015

Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

May 22, 1990

I. Application

A. Applicant

Central Florida Pipeline Corporation
100 GATX Drive
Tampa, Florida 33605

B. Project and Location

Mr. Tom Rigg, Central Florida Pipeline Corporation's Manager of Florida Operations, submitted an application for permit to construct a 16,000 gallon gasoline additive tank No. A-15 on April 13, 1990. This application replaces an earlier one submitted for a gasoline additive tank with the same designation (AC 48-171145). The application was considered complete on April 25, 1990, when the Department received the processing fee. This tank will be installed at Central Florida Pipeline Corporation's terminal (SIC 5171) located at 9919 Palm Avenue, Taft, Orange County, Florida. The UTM coordinates of this site are Zone 17, 463.8 km E and 3143.8 km N.

Tank No. A-15 is a 12 ft. diameter by 19 ft. high fixed roof tank with a pressure/vacuum vent. It has a capacity of 16,000 gallons. It will be used to store a gasoline additive. The Safety Data sheet for the additive is part of the application. Based on an annual throughput of 75,200 gallons, the volatile organic compounds (VOC) emissions (breathing + working losses) are estimated to be 180 lbs/yr (0.09 TPY).

II. Rule Applicability

The proposed project, construction of a gasoline additive tank No. A-15 at a petroleum product terminal (SIC 5171), is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code (F.A.C.).

The source will be in an area designated maintenance for ozone (F.A.C. Rule 17-2.460) and attainment for the other criteria pollutants (F.A.C. Rule 17-2.420).

The terminal is a major facility because volatile organic compounds (VOC) emissions exceed 100 TPY. The proposed project will not cause a significant emission rate increase as defined by F.A.C. Rule 17-2, Table 500-2. Therefore, the project is not subject to prevention of significant deterioration regulations, F.A.C. Rule 17-2.500.

As the project results in an increase in VOC emissions, it is subject to F.A.C. Rule 17-2.520 (Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements), F.A.C. Rule 17-2.620 (General Pollutant Emission Limiting Standards), and F.A.C. Rule 17-2.660 (NSPS), specifically 40 CFR 60, Subpart Kb, Standard of Performance for VOC Storage Vessels.

III. Technical Evaluation

An estimate of the total VOC emissions (breathing loss plus working loss) from the proposed tank was made by the applicant's engineer using the procedures given in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3, Storage of Organic Liquids.

A summary of the emissions from the proposed tank, based on a throughput of 75,200 gallons per year, is shown below:

VOC Emissions (lbs/yr)

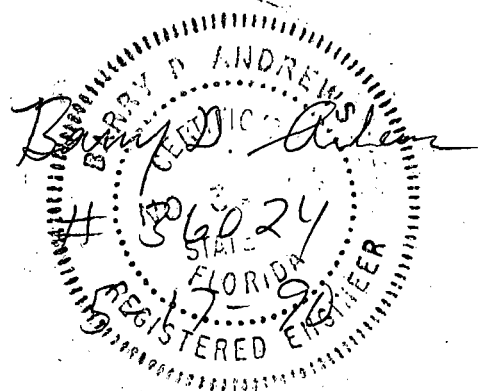
<u>Breathing Loss</u>	<u>Working Loss</u>	<u>Total Loss</u>
114.78	64.97	179.76

IV. Air Quality Analysis

It is the judgement of the Department that the estimated VOC emissions from the proposed tank will not create a health hazard or cause/contribute to an ambient air quality violation.

V. Conclusion

Based on the information provided by Central Florida Pipeline Corporation, the Department has reasonable assurance that the proposed project, construction of gasoline additive tank No. A-15, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.





Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

PERMITTEE:
Central Florida Pipeline Corp.
100 GATX Drive
Tampa, Florida 33605

Permit Number: AC 48-180015
Expiration Date: July 1, 1991
County: Orange
Latitude/Longitude: 28°25'19"
81°22'01"
Project: Gasoline Additive Tank
No. A-15

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. 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 Department and made a part hereof and specifically described as follows:

Install a 16,000 gallon gasoline additive tank No. A-15 (12 ft. diameter x 19 ft. high) equipped with a pressure/vacuum vent at the GATX terminal (SIC 5171) located at 9919 Palm Avenue, Taft, Orange County, Florida. This permit replaces permit No. AC 48-171145. The UTM coordinates of this facility are Zone 17, 463.8 km E and 3143 km N.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachment:

1. Application received April 13, 1990.

PERMITTEE:

Central Florida Pipeline Corp.

Permit No. AC 48-180015

Expiration Date: July 1, 1991

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver 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 acknowledgement 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.

PERMITTEE:

Central Florida Pipeline Corp.

Permit No. AC 48-180015

Expiration Date: July 1, 1991

GENERAL CONDITIONS:

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

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

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

PERMITTEE:

Central Florida Pipeline Corp.

Permit No. AC 48-180015

Expiration Date: July 1, 1991

GENERAL CONDITIONS:

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 the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes Compliance with New Source Performance Standards (NSPS).

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

PERMITTEE:

Central Florida Pipeline Corp.

Permit No. AC 48-180015

Expiration Date: July 1, 1991

GENERAL CONDITIONS:

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 measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Tank No. A-15 shall not handle more than 75,200 gallons of gasoline additives during any 12 month period. The permittee shall maintain records that show the quantity of volatile organic compounds handled in this tank.

2. This tank shall comply with all the applicable requirements of 40 CFR 60, Subpart Kb-Standards of Performance for Volatile Organic Liquid Storage Vessels (July 1, 1988). Applicable sections are 40 CFR 60.116b, (a) and (b).

3. This storage tank may be in service continuously, 8,760 hours/year.

PERMITTEE:
Central Florida Pipeline Corp.

Permit No. AC 48-180015
Expiration Date: July 1, 1991

SPECIFIC CONDITIONS:

4. This tank shall be equipped with a pressure/vacuum vent. Any liquid leaks in the pump, piping, or tank, shall be repaired promptly.

5. This tank and associated equipment shall not discharge air pollutants which cause or contribute to an objectionable odor (F.A.C. Rule 17-2.620).

6. Volatile organic compounds emissions from this tank, as determined by the procedures described in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3, shall not exceed 0.09 TPY. If the parameters that the estimated emissions are based on change, the permittee shall recalculate the emissions from this tank and submit this data to the Department's Central District office.

7. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

8. An application for an operation permit must be submitted to the Department's Central District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. 17-4.220).

Issued this _____ day
of _____, 1990

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

STEVE SMALLWOOD, P.E.
Director
Division of Air Resources
Management

TO

- Mr. Willard Hanks
- Air Resources Management
- Florida Department of Environmental Regulation
- 2600 Blair Stone Road
- Tallahassee, FL 32399-2400

FROM

Elaine Macinski
 GATX Terminals Corp.
 100 ~~60th~~ ~~Street~~
 Tampa, FL 33605

RECEIVED

MAY 11 1990

SUBJECT

DATE
DER-BAOM 9 / 90

MESSAGE RE: Central Florida Pipeline Corporation

16,000 gallon addition tank

Willard,

As we discussed today, I'm providing a copy of the emissions calculations for the 16,000 gallon addition tank at the Toft, Florida terminal. I hope this hasn't caused you too much inconvenience. Please call me if you need any further information.

Elaine Macinski

(813) 241-1125

SIGNED

REDIFORM 45 468
POLY PAK (50 SETS) 4P468

NO REPLY NECESSARY

REPLY REQUESTED - USE REVERSE SIDE

RECEIVED

MAY 11 1990

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

DER-BAQM
N/A

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): _____

2. Product Weight (lbs/hr): For throughput of tank, see calculations sheet.

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Average lbs/hr	Actual T/yr			lbs/yr (average)	T/yr	
VOC's	0.02	0.09	N/A	N/A	0.02	0.09	N/A

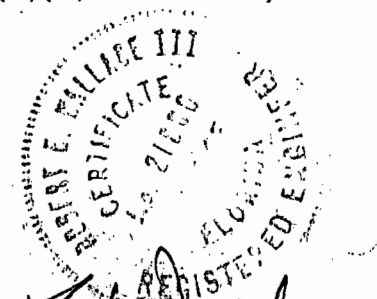
¹See Section V, item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).

* Potential Emission as defined in Rule 17-2



Robert Waller
4/2/90

SECTION II

GENERAL PROJECT INFORMATION

QUESTION A:

GATX Terminals Corporation proposes to construct a 16,000 gallon vertical tank which will contain TEXACO System 3 - Petrox Additive. The tank has been designated A-15. A Material Safety Data Sheet for additive is attached.

The tank will be in compliance with FDER Rule 17-2.

Upon completion of construction GATX Terminals Corporation desires to include this tank under the existing terminal tankage permit by amendment.

Revised April 2, 1990.


4/2/90


SECTION III C: Emission Calculations Based on AP-42
Tank A-15

Fixed Roof Tank Breathing Loss: L_B (lbs./yr.)

$$L_B = 2.26 \times 10^{-2} M_V \left[\frac{P}{P_A - P} \right]^{0.68} D^{1.73} H^{0.51} T^{0.5} F_p C K_C$$

where:

M_V = molecular weight (lb./lb. mole) for xylene = 100

P_A = average atm. pressure (psia) = 14.7

P = true vapor pressure (psia) = 0.36 @ 100°F

D = tank diameter (ft) = 12

H = average height of vapor space (ft) = 9.5

T = average ambient diurnal temperature (°F) = 18.7

F_p = paint factor = 1.0

C = adjustment factor small diameter tanks = .62


K_C = product factor = 1

therefore:

$$L_B = .0226 \times 106 \left[\frac{0.14}{14.7 - 0.14} \right]^{0.68} \times 12^{1.73} \times 9.5^{0.51} \times 18.7^{0.5} \\ \times 1.0 \times 0.62 \times 1$$

$$L_B = 114.78 \text{ lbs./yr.}$$

Revised April 2, 1990.


Robert J. Walburn
4/2/90

SECTION III C: Emission Calculations Based on AP-42
Tank A-15 (continued)

Fixed Roof Tank Working Losses: L_W (lbs./yr.)

$$L_W = 2.40 \times 10^{-5} M_V P V N K_N K_C$$

where:

$$V = \text{tank capacity (gal)} = 16,000$$

$$N = \text{number of turnovers/yr} = 4.7$$

$$K_N = \text{turnover factor} = 1.0$$

therefore:

$$L_W = 2.40 \times 10^{-5} \times 100 \times 1.2 \times 16,000 \times 4.7 \times 1.0 \times 1.0$$

$$L_W = 64.97 \text{ lbs. yr.}$$

Actual emissions are equal to potential emission for this source.

Total Emissions: L_T

$$L_T = L_W + L_B$$

$$L_T = 114.78 \text{ lbs/yr} + 64.97 \text{ lbs/yr} = 179.76 \text{ lbs/yr.}$$

$$= 0.09 \text{ TPY}$$

Average hourly emissions based on 8760 hrs./yr.

$$L_T = 179.76 \text{ lbs/yr.} \times 1 \text{ yr./8760 hrs.} = 0.02 \text{ lbs./hr.}$$

Revised April 2, 1990.

A handwritten signature in black ink is written over a circular stamp. The stamp contains the text 'VOLUME III', 'CERTIFICATE', 'STATE OF', and 'REGIST'. Below the signature, the date '4/2/90' is handwritten.

C&S The Citizens and Southern National Bank of Florida Hillsborough County

CENTRAL FLORIDA 02-90
PIPELINE CORPORATION
PHONE 813 248-2148
1904 HEMLOCK AVENUE
TAMPA, FL 33605

RECEIVED
MET. RES. MGR.

138

APR 30 1990

April 10 1990

631

PAY TO THE ORDER OF

Two hundred and no/100

DOLLARS \$ 200.⁰⁰

Florida Dept. of Environmental Regulation

FOR construction air permit

[Handwritten Signature]

[Redacted]

[Redacted]

GATX

GATX TERMINALS CORPORATION

100 GATX DRIVE
TAMPA, FL 33605

RECEIVED
MAIL ROOM
1990 APR 25 AM 11:30

Florida Dept. of Environmental Regulation
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Attn: Pattie Adams

Construction Air Permit
for Spaco additive tank
A-15 (required to replace

AC 48-171145)

Permitting
1031

RECEIVED
REG. RES. MGR
APR 30 1990

GATX**GATX TERMINALS CORPORATION**

100 GATX DRIVE

TAMPA, FLORIDA 33605

(813) 248-2148

AUTO FAX # (813) 247-4274

DATE: 5/9/90 TO: (FAX#) (904) 487-4938COMPANY: FDERATTENTION: MR. WILLARD HANKEFROM: ELAINE MACINSKITOTAL PAGES WITH/ ~~WITHOUT~~ COVER LETTER: 5SENDER: MAYDA RIVERAVERIFICATION PHONE NUMBER: (813) 248-2148

Central Florida Pipeline Corporation - Additive Tank A-1b

AC48-171145

Revised 4/2/90

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable: N/A

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): _____

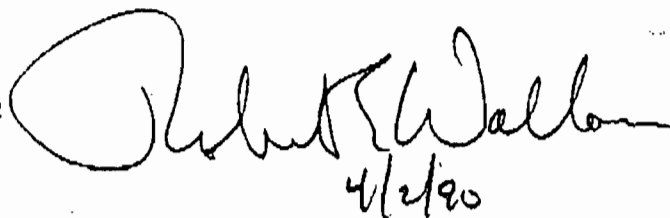
2. Product Weight (lbs/hr): For throughput of tank, see calculations sheet.

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ¹		Allowed ² Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Average lbs/hr	Actual T/yr			lbs/yr (average)	r	
VOC's	0.02	0.09	N/A	N/A	0.02	.09	N/A

¹See Section V, Item 1.²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)³Calculated from operating rate and applicable standard.⁴Emission, if source operated without control (See Section V, Item 3).

* Potential Emission as defined in Rule 17-2



4/2/90

SECTION II

GENERAL PROJECT INFORMATION


QUESTION A:

GATX Terminals Corporation proposes to construct a 16,000 gallon vertical tank which will contain TEXACO System 3 - Petrox Additive. The tank has been designated A-15. A Material Safety Data Sheet for additive is attached.

The tank will be in compliance with FDER Rule 17-2.

Upon completion of construction GATX Terminals Corporation desires to include this tank under the existing terminal tankage permit by amendment.

Revised April 2, 1990.


4/2/90

SECTION III C: Emission Calculations Based on AP-42
Tank A-15

Fixed Roof Tank Breathing Loss: L_B (lbs./yr.)

$$L_B = 2.26 \times 10^{-2} M_v \left[\frac{P}{P_A - P} \right]^{0.68} D^{1.73} H^{0.51} T^{0.5} F_p C K_C$$

where:

M_v = molecular weight (lb./lb. mole) for xylene = 100

P_A = average atm. pressure (psia) = 14.7

P = true vapor pressure (psia) = 0.36 @ 100°F

D = tank diameter (ft) = 12

H = average height of vapor space (ft) = 9.5

T = average ambient diurnal temperature (°F) = 18.7

F_p = paint factor = 1.0

C = adjustment factor small diameter tanks = .62

K_C = product factor = 1

therefore:

$$L_B = .0226 \times 106 \left[\frac{0.14}{14.7 - 0.14} \right]^{0.68} \times 12^{1.73} \times 9.5^{0.51} \times 18.7^{0.5} \\ \times 1.0 \times 0.62 \times 1$$

$$L_B = 114.78 \text{ lbs./yr.}$$

Revised April 2, 1990.

Robert Walburn
4/2/90

SECTION III C: Emission Calculations Based on AP-42
Tank A-15 (continued)

Fixed Roof Tank Working Losses: L_W (lbs./yr.)

$$L_W = 2.40 \times 10^{-5} M_V P V N K_N K_C$$

where:

$$V = \text{tank capacity (gal)} = 16,000$$

$$N = \text{number of turnovers/yr} = 4.7$$

$$K_N = \text{turnover factor} = 1.0$$

therefore:

$$L_W = 2.40 \times 10^{-5} \times 100 \times 1.2 \times 16,000 \times 4.7 \times 1.0 \times 1.0$$

$$L_W = 64.97 \text{ lbs. yr.}$$

Actual emissions are equal to potential emission for this source.

Total Emissions: L_T

$$L_T = L_W + L_B$$

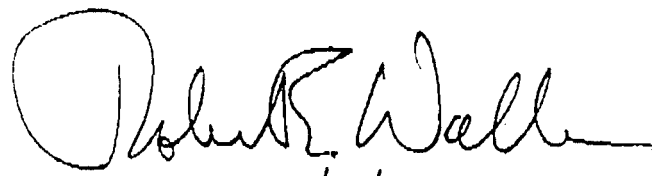
$$L_T = 114.78 \text{ lbs/yr} + 64.97 \text{ lbs/yr} = 179.76 \text{ lbs/yr.}$$

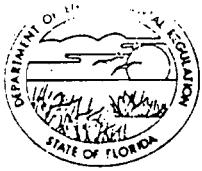
$$= 0.09 \text{ TPY}$$

Average hourly emissions based on 8760 hrs./yr.

$$L_T = 179.76 \text{ lbs/yr.} \times 1 \text{ yr./8760 hrs.} = 0.02 \text{ lbs./hr.}$$

Revised April 2, 1990.


4/2/90



Florida Department of Environmental Regulation

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

Permit Data Form

Project Source Name Central Florida Pipeline/Gasoline Tank

Type Code: _____ Subcode _____ Check if: GP Exempt Correct Fee _____

Amount Received _____

Permit Processor's Initial _____ Data Entry Operator's Initial _____ Amount Refund _____

Comments: Major - should go to Tallahassee.
Jim Pennington
Permitting

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO	
ACTION DUE DATE	
1. TO: (NAME, OFFICE, LOCATION)	Initial
<u>Jim Pennington</u>	Date
2. <u>Air Permitting Section</u>	Initial
	Date
3. <u>Tallahassee</u>	Initial
	Date
4.	Initial
	Date

REMARKS:

AC permit for a
Major source
RECEIVED
PATTY ADAMS
APR 16 1990

DCR-BAQM

DISPOSITION	
Review & Respond	Initial & Forward
Prepare Response	Initial & Forward
For My Signature	Initial & Forward
For Your Signature	Initial & Forward
Let's Discuss	Initial & Forward
Set Up Meeting	Initial & Forward
Investigate & Report	Initial & Forward
Initial & Forward	Initial & Forward
Distribute	Initial & Forward
Concurrence	Initial & Forward
For Processing	Initial & Forward
Initial & Return	Initial & Forward

Standing
check history
4-17

FROM:

Alan D. Johnson

DATE 4/13/90

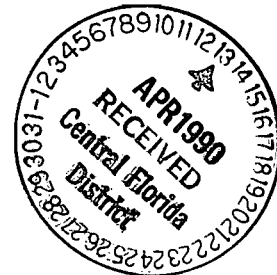
PHONE _____



CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, FL 33605
813-248-8361

April 10, 1990



Mr. Charles M. Collins, P. E.
Air Resources
Central Florida District
Florida Department of Environmental Regulation
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

RECEIVED

APR 16 1990

DER-00000

Re: Central Florida Pipeline Corporation
Application to Construct Air Pollution Sources

Dear Mr. Collins:

Central Florida Pipeline Corporation (CFPL) proposes the construction of a 16,000 gallon gasoline additive storage tank at its Taft, Florida terminal. This application for Tank Number A-15 replaces the construction of an 8,000 gallon additive tank presently permitted under Florida Department of Environmental Regulation Permit No. AC48-171145.

Provided for your review and approval are five (5) copies of the following:

- 1) Florida Department of Environmental Regulation Application to Construct Air Pollution Sources (DER Form 17-1.202(1)). (Please note that a letter of certification authorizing Mr. Tom Rigg to sign as a representative of Central Florida Pipeline Corporation was forwarded to Mr. Alan D. Zahm, P. E., on March 26, 1990.)
- 2) Emissions Calculations.
- 3) Location maps.
- 4) Tank diagram.

A check for the application fee of \$200.00 is also provided herewith.

Mr. Charles M. Collins
April 10, 1990
Page 2

Please contact me at (813) 248-2148 with any questions or concerns regarding this application.

Sincerely,

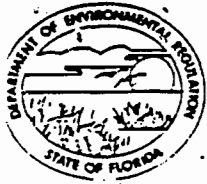


Elaine R. Macinski
Environmental Engineer

ERM:mrr
em-der2

Attachments

cc: St. Hanks }
c. Collins } 5/7/90



Florida Department of Environmental Regulation

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

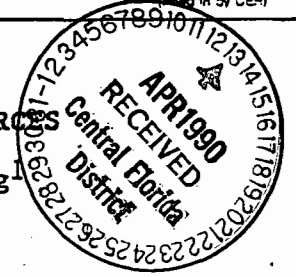
DER Form # _____
Form Title _____
Effective Date _____
DER Application No. _____

#200 pd.

4-25-90

Receipt # 151120

AC 48-140015



APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCE

SOURCE TYPE: Gasoline Additive Tank [X] New [] Existing

APPLICATION TYPE: [X] Construction [] Operation [X] Modification

COMPANY NAME: Central Florida Pipeline Corporation COUNTY: Orange

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Tank A-15

SOURCE LOCATION: Street 9919 Palm Avenue City Taft

UTM: East 17-463.8 km North 3143.8 km

Latitude 28 ° 25 ' 19 "N Longitude 81 ° 22 ' 01 "W

APPLICANT NAME AND TITLE: Tom Rigg, Manager Of Florida Operations

APPLICANT ADDRESS: 100 GATX Drive, Tampa, FL 33605

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of GATX Terminals Corporation

I certify that the statements made in this application for a construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: Tom Rigg

Tom Rigg, Manager Of Florida Operations
Name and Title (Please Type)

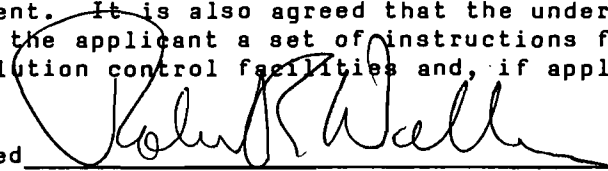
Date: 04/10/90 Telephone No. (813) 248-2148

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

1 See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed 

Robert E. Wallace III, P.E.
Name (Please Type)

Environmental Engineering Consultants, Inc.
Company Name (Please Type)

5119 North Florida Avenue; Tampa, FL 33603
Mailing Address (Please Type)

Florida Registration No. 21608 Date: 4/6/90 Telephone No. (813) 237-3781



SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

See Attached Sheet.

B. Schedule of project covered in this application (Construction Permit Application Only)
Start of Construction upon receipt of permit Completion of Construction Within one year

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

N/A

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

New Source - No Previous Permit.

E. Requested permitted equipment operating time: hrs/day 24; days/wk 7; wks/yr 52; if power plant, hrs/yr N/A; if seasonal, describe: _____

F. If this is a new source or major modification, answer the following questions. (Yes or No)

1. Is this source in a non-attainment area* for a particular pollutant? Yes
a. If yes, has "offset" been applied? No
b. If yes, has "Lowest Achievable Emission Rate" been applied? No
c. If yes, list non-attainment pollutants. VOC's
2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. No
3. Does the State "Prevention of Significant Deterioration" (PSD) requirement apply to this source? If yes, see Sections VI and VII. No
4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? Yes
5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? No
- H. Do "Reasonably Available Control Technology" (RACT) requirements apply to this source? No
a. If yes, for what pollutants? _____
b. If yes, in addition to the information required in this form, any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

* Areas recently designated an "Air Quality Maintenance Area" by FDER.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable: N/A

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		

B. Process Rate, if applicable: (See Section V, Item 1)

- Total Process Input Rate (lbs/hr): _____
- Product Weight (lbs/hr): For throughput of tank, see calculations sheet.

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable Emission ³ lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Average lbs/hr	Actual T/yr			lbs/yr (average)	T/yr	
VOC's	0.02	0.09	N/A	N/A	0.02	0.09	N/A

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).

*

Potential Emission as defined in Rule 17-2.

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Pressure/Vac. Vent	VOC's	N/A	N/A	N/A

E. Fuels N/A

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis: N/A

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating. N/A

Annual Average _____ Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal. N/A

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: _____ ft. Stack Diameter: _____ ft.
 Gas Flow Rate: _____ ACFM _____ DSCFM Gas Exit Temperature: _____ °F.
 Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION N/A

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ day/wk _____ wks/yr. _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter: _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity: _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: Cyclone Wet Scrubber Afterburner
 Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
See Calculations.
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
See Calculations.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
See Calculations.
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
See Drawing.
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
See Calculation
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
See Attached
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
See Attached
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.
See Attached

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation. Attached

10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit. N/A

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY N/A

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes No

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes No

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

D. Describe the existing control and treatment technology (if any).

1. Control Device/System:

2. Operating Principles:

3. Efficiency:*

4. Capital Costs:

*Explain method of determining

5. Useful Life:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

10. Stack Parameters

- a. Height: ft.
- b. Diameter: ft.
- c. Flow Rate: ACFM
- d. Temperature: °F.
- e. Velocity: FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Costs:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

- (5) Environmental Manager:
- (6) Telephone No.:
- (7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

- b. (1) Company:
- (2) Mailing Address:
- (3) City: (4) State:
- (5) Environmental Manager:
- (6) Telephone No.:
- (7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION N/A

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂* _____ Wind spd/dir

Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

a. Was instrumentation EPA referenced or its equivalent? [] Yes [] No

b. Was instrumentation calibrated in accordance with Department procedures?

[] Yes [] No [] Unknown

B. Meteorological Data Used for Air Quality Modeling

1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

2. Surface data obtained from (location) _____

3. Upper air (mixing height) data obtained from (location) _____

4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

1. _____ Modified? If yes, attach description.

2. _____ Modified? If yes, attach description.

3. _____ Modified? If yes, attach description.

4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO ²	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

TEXACO GATX SEP 18 1989
 INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL
 SAFETY DATA SHEET



NOTE: NO REPRESENTATION IS MADE AS TO THE ACCURACY OF THE INFORMATION HEREIN. SEE PAGE 7 FOR CONDITIONS UNDER WHICH DATA ARE FURNISHED.

Trade Name and Synonyms	
77001 TC-13000	SYSTEM 3 - PETROX
Manufacturer's Name	Emergency Telephone No.
Texaco Chemical Company	(409) 722-8381
Address	
3040 Post Oak Blvd. P.O. Box 27707 Houston, TX 77056.	
Chemical Name and/or Family or Description	
Fuel Additive	
THIS PRODUCT IS CLASSIFIED AS:	
<input checked="" type="checkbox"/> CARCINOGENIC BY OSHA, IARC, OR NTP <input type="checkbox"/> NOT CARCINOGENIC	
WARNING STATEMENT:	
DANGER ! FLAMMABLE LIQUID AND VAPOR CAUSES IRRITATION TO EYES AND SKIN ATTENTION! VAPOR MAY BE HARMFUL TO LIVER, CENTRAL NERVOUS SYSTEM; CONTAINS BENZENE A CANCER HAZARD	
OCCUPATIONAL CONTROL PROCEDURES	
Protective Equipment (Type)	
Eyes:	Chemical type goggles must be worn. Do not wear contact lenses.
Skin:	Protective clothing such as uniforms, coveralls or lab coats should be worn. Launder or dry clean when soiled. Gloves resistant to chemicals and petroleum distillates required.
Inhalation:	Supplied air respiratory protection for cleaning large spills or upon entry into tanks, vessels, or other confined spaces.
Ventilation:	Adequate to meet component permissible concentrations.
Permissible Concentrations:	
Air:	None established for product; refer to page 4 for component permissible concentrations.
EMERGENCY AND FIRST AID PROCEDURES	
First Aid	
Eyes:	Flush thoroughly with water for at least fifteen minutes. Get medical attention.
Skin:	Wash exposed areas with soap and water.
Ingestion:	Do NOT induce vomiting. May cause chemical pneumonitis.
Inhalation:	Should symptoms noted under physiological effects occur, remove to fresh air. If not breathing, apply artificial respiration.
Other Instructions:	None.



PHYSIOLOGICAL EFFECTS: Code No. 77001

Effects of Exposure
Acute:
Eyes: Believed to cause moderate eye irritation.

Skin: Believed to be moderately irritating; Believed to cause redness, edema or drying of the skin.

Respiratory System: Drowsiness, narcosis, and unconsciousness possible upon exposure to high concentrations in poorly ventilated confined spaces.

Chronic: See Additional Comments, page 6.

Other: -

Sensitization Properties:

Skin: Yes ___ No ___ Unknown X Respiratory: Yes ___ No ___ Unknown X

Median Lethal Dose (LD₅₀ LC₅₀) (Species)
Oral _____ Believed to be 2.0-5.0g/kg (rat); slightly toxic
Inhalation _____ N.D.
Dermal _____ Believed to be > 3 g/kg (rabbit); practically non-toxic
Other _____ N. D.

Irritation Index, Estimation of Irritation (Species)
Skin _____ Believed to be 3.0-5.0/8.0 (rabbit); moderately irritating
Eyes _____ Believed to be 25-50/110 (rabbit); moderately irritating
Symptoms of Exposure See above

FIRE PROTECTION INFORMATION

Ignition Temp. °F. N.D. Flash Point °F. (Method) 65° F (TCC)
Flammable Limits (%) Lower N.D. Upper N.D.
Products Evolved When Subjected to Heat or Combustion:
Carbon monoxide, carbon dioxide, aldehydes and ketones, combustion products of nitrogen

Recommended Fire Extinguishing Agents And Special Procedures:
According to the National Fire Protection Association Guide 325M, use dry chemical, foam or carbon dioxide. Water may be ineffective on the flames, but water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for the persons attempting to stop the leak.

Unusual or Explosive Hazards:
Explosive air-vapor mixtures may form.

**ENVIRONMENTAL PROTECTION**

Code No. 77001

Waste Disposal Method: Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change classification to non-hazardous or hazardous for reasons other than, or in addition to ignitability. (See Remarks for Waste Classification.)

Procedures in Case of Breakage or Leakage: (Transportation Spills Call CHEMTREC (800) 424-9300) Eliminate all ignition sources including internal combustion engines and power tools. Ventilate area. Avoid breathing vapor. Use SCBA or supplied-air mask for lg spills or in confined areas. Contain spill. Remove with inert absorbant. Avoid contact with eyes.

Remarks: Waste Classification: Product (as presently constituted) has the RCRA characteristic of ignitability and if discarded in its purchased form would have the hazardous waste number D001.

PRECAUTIONS

DANGER ! FLAMMABLE LIQUID AND VAPOR
 CAUSES IRRITATION TO EYES AND SKIN
 ATTENTION! VAPOR MAY BE HARMFUL TO LIVER, CENTRAL NERVOUS SYSTEM; CONTAINS BENZENE A CANCER HAZARD
 Keep away from heat, sparks and flame. Avoid breathing vapor
 Keep container closed. Use in only well ventilated locations
 Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Requirements for Transportation, Handling and Storage:
 Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

DOT Proper Shipping Name: See additional comments page 6
 DOT Hazard Class (if applicable): Flammable liquid U.N.1993,R.Q.

CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point (°F) N.D. Vapor Pressure 0.36 psi @ 100°F (mmHg)
 Specific Gravity 0.90 (H₂O=1) Vapor Density N.D. (Air=1)
 Appearance and Odor Reddish brown liquid, light aromatics odor
 pH of undiluted product N.D. Solubility N.D.
 Percent Volatile by Volume N.D. Evaporation N.D. ()=1
 Viscosity 9.4 cSt @ 40 °C Other -

Hazardous Polymerizations _____ Occur X Do not occur
 The Material Reacts Violently With: (If others is checked below, see additional comments on page 6 for futher details)
 Air _____ Water _____ Heat _____ Strong Oxidizers X Others _____ None of These X

N.D. - Not Determined N.A. - Not Applicable
 < - Less Than > - Greater Than



COMPOSITION

Code No. 77001

Chemical/Common Name	CAS No.	Exposure Limit	Range in %
*Toluene	108883	100ppm TWA-ACGIH 100ppm TWA-OSHA 150ppm STEL-OSHA	20.00 - 34.99
*Xylene	1330207	150ppm STEL-ACGIH 100ppm TWA-ACGIH 100ppm TWA-OSHA 150ppm STEL-OSHA 150ppm STEL-ACGIH	4.00 - 10.99
*2-Ethyl-1-hexanol	104767	None Established	4.00 - 10.99
*Alkenylsuccinimide	CBI	None Established	1.00 - 3.99
*Ethylbenzene	100414	100 ppm TWA ACGIH 100 ppm PEL OSHA 125 ppm STEL ACGIH	1.00 - 3.99
*Benzene	71432	10ppm TWA ACGIH 1 ppm TWA OSHA 5 ppm STEL OSHA	0.10 - 0.99
Polymeric amine, light petroleum naptha and up to 2.0% xylene (cas.#1330207).	N.A.	None Established	20.00 - 34.99
Solvent-dewaxed heavy paraffinic petroleum distillates	64742650	5mg/m3 ACGIH (MIST) 5mg/m3 OSHA (MIST)	11.00 - 19.99

*Hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

SARA TITLE III

I. Title III Section 302/304 Extremely Hazardous Substance

Component	CAS No.	%	RQ (Lbs)	TPQ (Lbs)
None				

II. CERCLA Section 102(a) Hazardous Substance

Component	CAS No.	%	RQ (Lbs)
Xylene	1330207	4.00-10.99	1,000
Benzene	71432	0.10-0.99	1,000
Toluene	108883	20.0-34.99	1,000

III. Title III Section 311 Hazard Categorization

Acute	Chronic	Fire	Pressure	Reactive	Not Applicable
X	X	X			

IV. Title III Section 313 Toxic Chemicals

Component	CAS No.	%
Xylene	1330207	4.00-10.99
Toluene	108883	20.0-34.99
Benzene	71432	0.10-0.99
Ethylbenzene	100414	1.00-3.99



PRODUCT SHIPPING LABEL

Code
No.

77001

77001 TC-13000

DANGER ! FLAMMABLE LIQUID AND VAPOR

CAUSES IRRITATION TO EYES AND SKIN

ATTENTION! VAPOR MAY BE HARMFUL TO LIVER, CENTRAL NERVOUS SYSTEM; CONTAINS BENZENE, A CANCER HAZARD

Keep away from heat, sparks and flame. Avoid breathing vapor
Keep container closed. Use in only well ventilated locations
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

FIRST AID: Immediately flush eyes with plenty of water for at least 15 minutes. Call a doctor. Flush skin with water. Wash clothing before reuse. If swallowed, do not induce vomiting. Call a doctor immediately. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a doctor.

In case of fire, use water spray, foam, dry chemical or CO2.

Chemical/Common Name	CAS No.	Range in %
Toluene	108883	20.00 - 34.99
Xylene	1330207	4.00 - 10.99
2-Ethyl-1-hexanol	104767	4.00 - 10.99
Alkenylsuccinimide	CBI	1.00 - 3.99
Ethylbenzene	100414	1.00 - 3.99
Benzene	71432	0.10 - 0.99
Polymeric amine, light petroleum naptha and up to 2.0% xylene (cas.#1330207).	N.A.	20.00 - 34.99
Solvent-dewaxed heavy paraffinic petroleum distillates	64742650	11.00 - 19.99

Hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

HMIS
Health : 2 Reactivity : 0
Flammability: 3 Special : -

DOT Proper Shipping Name: See additional comments page 6
DOT Hazardous Class : Flammable liquid U.N.1993,R.Q.

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

HEALTH EMERGENCY TELEPHONE: (914) 831-3400 (EXT. 204)

Texaco
2000 Westchester Avenue
White Plains, New York 10650

For Additional Information Concerning:

Fuels/Lubricants/Antifreezes
call (914) 831-3400 (EXT.204)
Chemicals
call (512) 459-6543
Transportation Spills
call CHEMTREC (800) 424-9300

**ADDITIONAL COMMENTS**Code
No. 77001

STATE OF MICHIGAN CRITICAL MATERIALS ACT (REVISED 1988)
4.00-10.99 Wt.% xylene.

This product contains xylene. Xylene has been shown to cause liver and central nervous system (CNS) effects, and teratogenic/embryotoxic effects in laboratory animals.

ACGIH "skin" notation-appropriate measures should be taken to prevent cutaneous absorption since the TLV is based on overexposure to the mucous membranes.

This product contains benzene. Benzene has been associated with anemia and leukemia in humans and anemia, lymphoma and other cancers in laboratory animals.

D.O.T. Proper shipping name: Flammable liquid, N.O.S., (contains xylene and toluene)

This product contains toluene which upon prolonged exposures to high concentrations produces loss of appetite, nose bleeds, and liver, kidney and neural dysfunction.

To determine applicability or effect of any law or regulation with respect to the product, users should consult his legal advisor or the appropriate government agency. Texaco does not undertake to furnish advice on such matters.

By F. E. Bentley Title Coordinator of Product Safety
Date 08-22-89 New Revised, Supersedes 07-25-89

N.D. - Not Determined N.A. - Not Applicable
< - Less Than > - Greater Than



THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. IT IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE PRODUCT AS PART OF TEXACO'S PRODUCT SAFETY PROGRAM. IT IS NOT INTENDED TO CONSTITUTE PERFORMANCE INFORMATION CONCERNING THE PRODUCT. NO EXPRESS WARRANTY, OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE WITH RESPECT TO THE PRODUCT OR THE INFORMATION CONTAINED HEREIN. DATA SHEETS ARE AVAILABLE FOR ALL TEXACO PRODUCTS. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL TEXACO PRODUCTS YOU BUY, PROCESS, USE OR DISTRIBUTE AND YOU ARE ENCOURAGED AND REQUESTED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

EXPLANATION OF THE INDUSTRIAL HYGIENE, TOXICOLOGY, AND MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Trade Name and Synonyms

Refer to the code number and name under which the product is marketed and the common commercial name of the product.

Manufacturer's Name and Address Self explanatory.

Chemical Name and/or Family or Description

Refer to chemical, generic, or descriptive name of single elements and compounds.

OCCUPATIONAL CONTROL PROCEDURES

(Consult your Industrial Hygienist or Occupational Health Specialist.)

Protective Equipment

Type of protective equipment that is necessary for the safe handling and use of this product.

Ventilation

Normal means adequate to maintain permissible concentrations.

Ventilation: type, i.e. local exhaust, mechanical, etc.

Permissible Concentrations

Indicates worker exposure limits, such as the Threshold Limit Value (TLV) as established by the American Conference of Governmental Industrial Hygienists or standards, promulgated by the Occupational Safety and Health Administration (e.g., PEL).

TLV-Time Weighted Average (TWA) is the concentration in air averaged over an 8 hour daily exposure.

TLV-Ceiling (C) is the ceiling limit on concentration that should not be exceeded during any part of the working day.

"Skin" Notation (ACGIH) indicates that dermal absorption can contribute to overall exposure following direct contact or exposure to airborne material.

Permissible Exposure Level (PEL) is the time weighted concentration in air averaged over an 8 hour daily exposure.

EMERGENCY AND FIRST AID PROCEDURES

Administer first aid and emergency procedures in case of eye and/or skin contact, ingestion and inhalation.

PHYSIOLOGICAL EFFECTS

Acute Exposures (Eye, Skin, Respiratory System)

Refers to the most common effects that would be expected to occur from direct contact with the product.

Chronic

Refers to the effects that are most likely to occur from repeated or prolonged exposure.

Sensitizer

Means a substance which will cause on or in normal living tissue, through an allergic or photodynamic process, a hypersensitivity which becomes evident on reapplication of, or exposure to, the same substance.

Median Lethal Dose or Concentration (LD50,LC50)

Refers to that dose or concentration of the material which will produce death in 50 per cent of the animals. For inhalation, exposure time is indicated.

Irritation Index

Refers to an empirical score (Draize Method) for eye and skin irritation when tested by the method described. If numbers are not available, an estimated score indicates whether or not the material is an irritant.

FIRE PROTECTION INFORMATION

Ignition Temperature

Refers to the temperature in degrees Fahrenheit, at which a liquid will give off enough flammable vapor to ignite and burn continuously for 5 seconds.

Flash Point (Method used)

Refers to the temperature in degrees Fahrenheit, at which a liquid will give off enough flammable vapor to ignite.

Flammable Limits

Refers to the range of gas or vapor concentration (percent by volume in air) which will burn or explode if an ignition source is present. Lower means the lower flammable limit and upper means the upper flammable limit given in percent.



Products Evolved When Subjected to Heat or Combustion.

The products evolved when this material is subjected to heat or combustion. Includes temperature at which oxidation or other forms of degradation occurs.

Recommended Fire Extinguishing Agents and Special Procedures

Specifies the fire fighting agents that should be used to extinguish fires. If unusual fire hazards are involved or special procedures indicated, this is specified.

Unusual Fire or Explosive Hazards

Specifies hazards to personnel in case of fire, explosive danger.

ENVIRONMENTAL PROTECTION

Specifies how this product may be disposed.

Indicates precautions necessary in the event that leakage or breakage occurs. Included are (a) clean-up procedures, (b) personal protective equipment if necessary, (c) hazards that may be created, i.e. fire, explosion, etc.

PRECAUTIONS

Label that is required or recommended.

Requirements for Transportation, Handling and Storage

Specifies handling and storage procedures. Gives ICC, DOT, or other regulations related to safety and health for transportation.

CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point (or Range)

In degrees Fahrenheit or Celsius Boiling Point at 760 mmHg.
Vapor Pressure

Pressure exerted when a solid or liquid is in equilibrium with its own vapor.

Specific Gravity

The ratio of the density of the product to the density of water.

Vapor Density

The ratio of the density of the vapor at saturation concentration (20 degrees Celsius or 68 degrees Fahrenheit) to the density of air at 760 mmHg.

Appearance and Odor

Refers to the general characterization of the material, e.g. powder, colorless liquid, aromatic odor, etc.

pH

Refers to the degree of acidity or basicity of the material in a specific concentration.

pH1-5 - STRONGLY ACIDIC
pH5-7 - WEAKLY ACIDIC
pH7-9 - WEAKLY BASIC
pH9-14 - STRONGLY BASIC

Solubility

Refers to the solubility of a material by weight in water at room temperature. The term negligible, less than 0.1 %; slight, 0.1 to 1%; moderate, 1 to 10%; appreciable, 10% or greater. Gives solubility in organic solvents where appropriate.

Percent Volatile By Volume

Refers to the amount volatilized at 20 degrees Celsius or 68 degrees Fahrenheit when allowed to evaporate.

Evaporation

Gives the rate of evaporation compared to a standard

Viscosity

Measure of flow characteristics in Kinematic viscosity in Centistokes.

Hazardous Polymerization

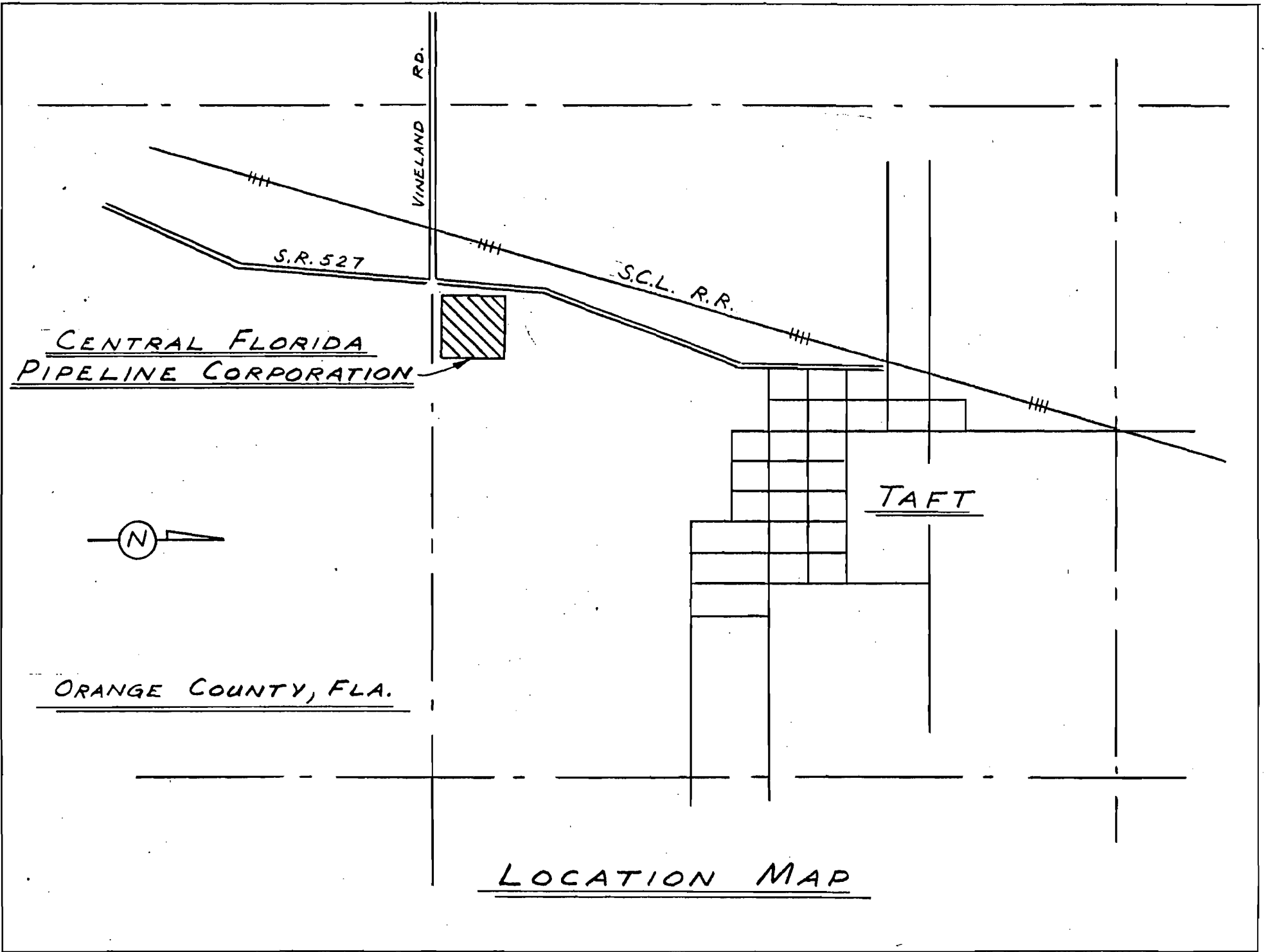
Hazardous polymerization is that reaction which takes place at a rate which produces large amounts of energy. Indicates whether it may or may not occur and under what storage conditions.

Does the Material React Violently

Indicates whether the material will react violently, releasing large amounts of energy when exposed under conditions listed.

Composition

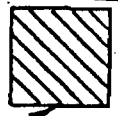
Components of the product as required by OSHA (1910.1200) and one or more state Right to Know laws.



VINELAND RD.

S.R. 527

S.C.L. R.R.



CENTRAL FLORIDA PIPELINE CORPORATION

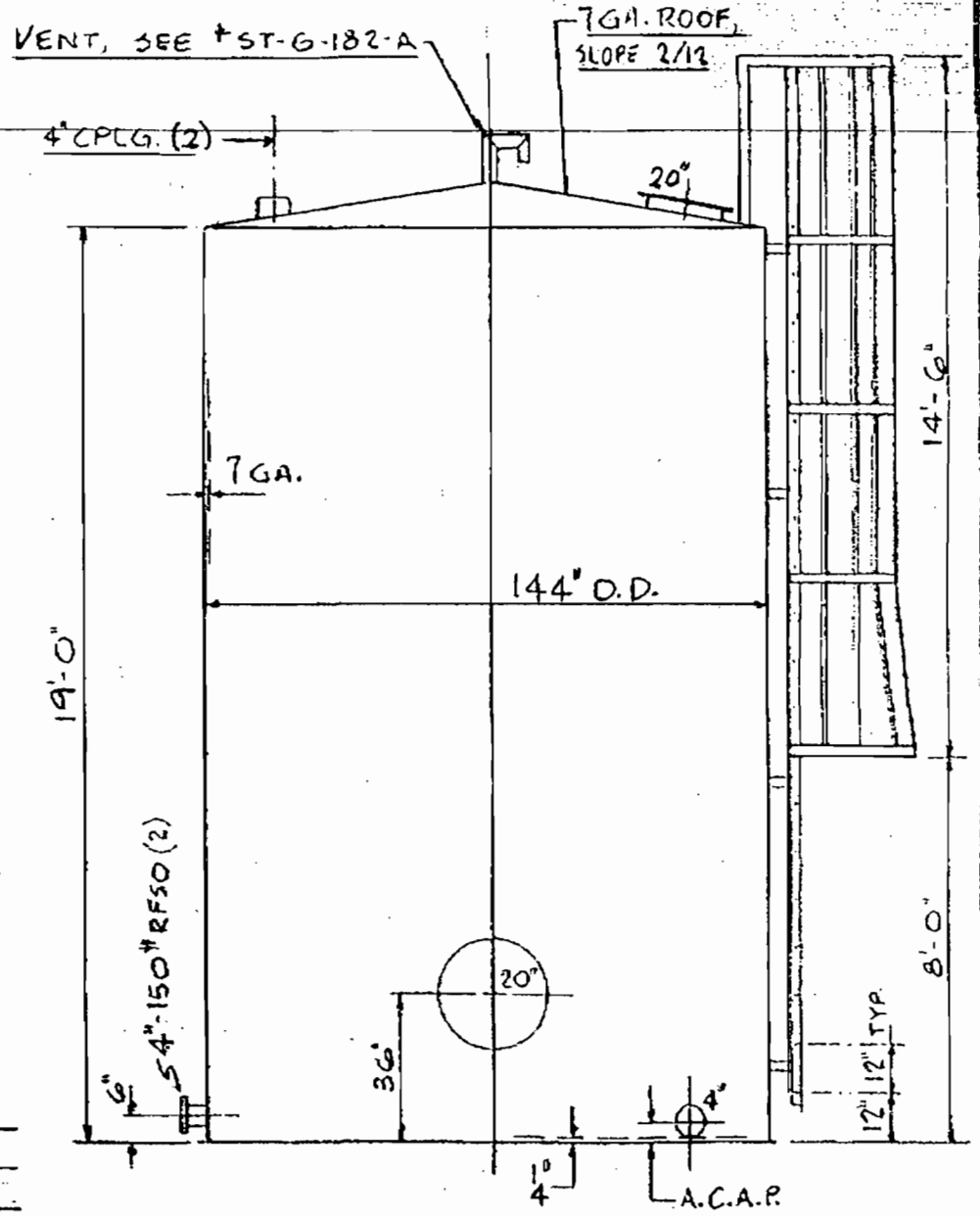
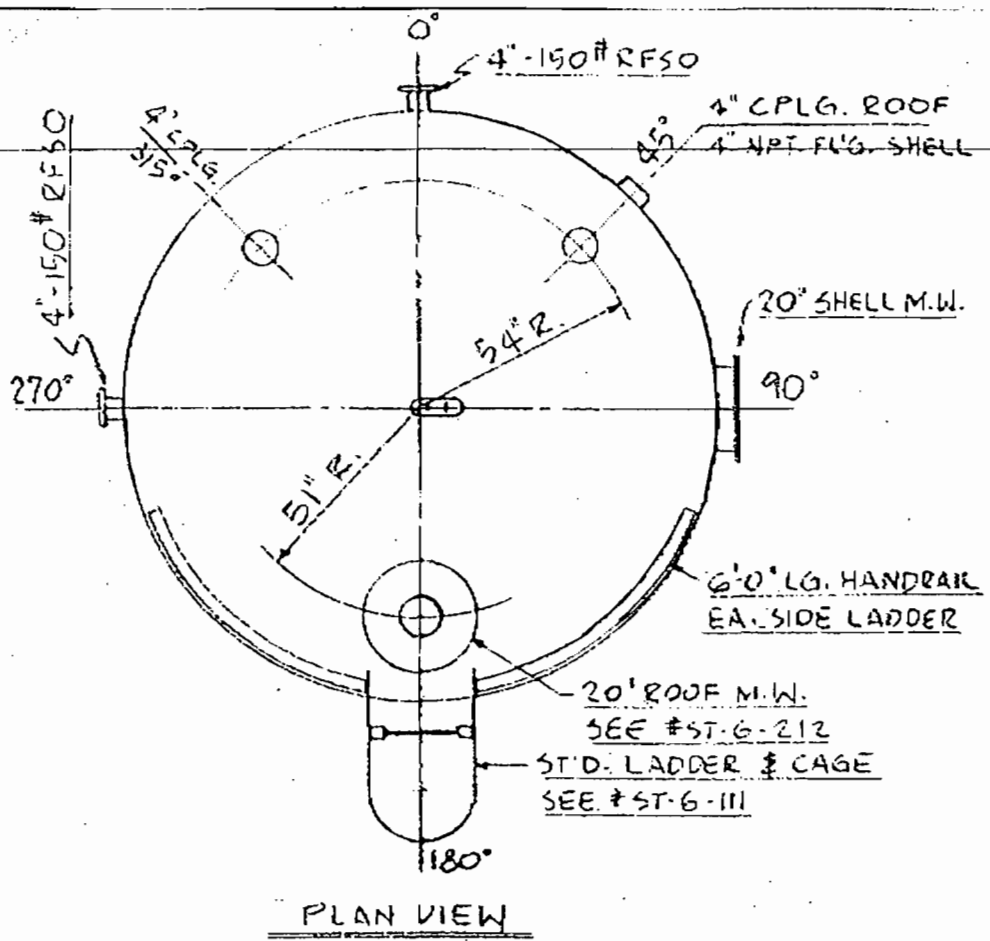
TAFT



ORANGE COUNTY, FLA.

LOCATION MAP

MAR 25 1960 13:05 STAR ENTERPRISE ORL. 407 660 0015 P. 1/4



REMARKS: EXT. PAINT: RED OXIDE PRIMER,
COAL-TAR EPOXY ON BOTTOM

CAPACITY 16,000 GALLONS
 UNDERWRITERS LABEL YES , NO
 ABOVEGROUND , UNDERGROUND
 TEST PRESSURE: 1 1/2 - 2 1/2 P.S.I. AIR,
 MATERIAL THICKNESS HEADS: 7GA, SHELL: 7GA.
 OPENINGS: STD. IPS THR'D. TANK FLANGES

CUSTOMER: STAR ENTERPRISE
 MAITLAND, FL.
 PROJECT: GATX
 TAFT, FLORIDA

modern welding company, inc.
 OWENSBORO, KY, ELIZABETHTOWN, KY,
 BOWLING GREEN, KY, BURLINGTON, IA,
 MADISONVILLE, KY, AUGUSTA, GA.,
 FRESNO, CA, HOUSTON, TX, NEWARK, OH.
 ORLANDO FL ST-6-257