

Check Sheet

Company Name: Shell Oil Company
Permit Number: AC00-167202, -167203
PSD Number: _____
Permit Engineer: _____

Application:

- | | |
|---------------------------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> Initial Application | Cross References: |
| <input type="checkbox"/> Incompleteness Letters | <input type="checkbox"/> |
| <input type="checkbox"/> Responses | <input type="checkbox"/> |
| <input type="checkbox"/> Waiver of Department Action | <input type="checkbox"/> |
| <input type="checkbox"/> Department Response | |
| <input type="checkbox"/> Other | |

Intent:

- Intent to Issue
 - Notice of Intent to Issue
 - Technical Evaluation
 - BACT or LAER Determination
 - Unsigned Permit
- Correspondence with:
- EPA
 - Park Services
 - Other
- Proof of Publication
 - Petitions - (Related to extensions, hearings, etc.)
 - Waiver of Department Action
 - Other

Final

Determination:

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

Post Permit Correspondence:

- Extensions/Amendments/Modifications
- Other

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: Mr. Reese L. Andrews Facilities Manager - East Shell Oil Company P. O. Box 1703 Atlanta, Georgia 30371	4. Article Number P 938 762 812
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	
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>William R. Robinson</i>	
7. Date of Delivery JAN 29 1990	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

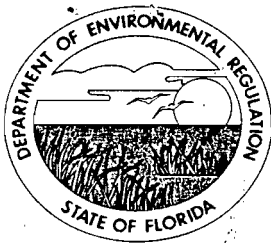
P 938 762 812

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Mr. Reese L. Andrews, Shell Oil	
Street and No. P. O. Box 1703	
P.O., State and ZIP Code Atlanta, GA 30371	
Postage	S
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	S
Postmark or Date Mailed: 1-24-90 Permit: AC 06-167202	

PS Form 3800, June 1985



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

January 12, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Reese L. Andrews, P.E.
Facilities Manager - East
Shell Oil Company
PO Box 1703
Atlanta, Georgia 30371

Dear Mr. Andrews:

Re: Modification of Permit - Vapor Recovery Unit
(Permit No. AC 06-167202)

The above permit is amended as stated below to increase monthly allowable throughput with no increase in emissions as requested in your letter dated November 9, 1989:

Present Specific Condition No. 1:

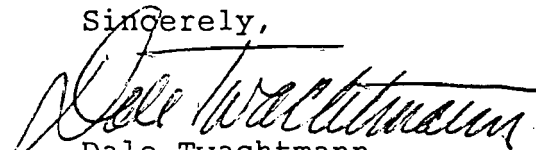
The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application. The total gasoline loading rack throughput shall not exceed 2,000,000 gallons per day or 25,000,000 gallons per month.

New Specific Condition No. 1:

The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application. The total gasoline loading rack throughput shall not exceed 2,000,000 gallons per day or 30,000,000 gallons per month.

This amendment letter shall become attachment No. 2 to your construction permit AC 06-167202.

Sincerely,


Dale Twachtmann
Secretary

DT/plm

c: I Goldman, SE District
G. Carlson, BCEQCB



Shell Oil Company

November 9, 1989

P.O. Box 1700
Atlanta, Georgia 30301

320 Interstate North Parkway
Atlanta, Georgia 30339

CERTIFIED MAIL P569 058 596

Mr. C. H. Fancy, P.E.
Bureau of Air Regulation
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

RE: Shell Oil Company
Port Everglades Plant
Permit No. AC-167202
Vapor Recovery Unit

Having reviewed the subject permit we have the following objections to specific condition No. 1 which places a volume limitation on the facility. This is objectionable to us in that our volumes fluctuate from month to month and year to year. Our growth in the market is projected to continue and the existence of a volume limitation concerns us greatly. While normal growth can be forecast with reasonable accuracy the possibility exists for acquisition of new business, etc. which could exceed the forecast volumes.

We are of the opinion that specific condition No. 2 affords the DER with adequate control over emissions and we have no objections to its limitations as it is in keeping with our understanding of environmental protection rules.

In closing, if the DER's position is final regarding limitations as stated in condition No. 1, then we propose that they be stated as "2,000,000 gallons per day, or an average monthly volume of 30,000,000 gallons per calendar year."

Attachment 1 lists the actual volumes for the last 12 months and a projected volume for the next 12 months.

We will appreciate your favorable consideration of our proposal.

Very truly yours,

Reece L. Andrews, P.E.
Facilities Manager-East

Attachment

RECEIVED

NOV 17 1989

DER - BAQM

ATTACHMENT I

PORT EVERGLADES GASOLINE THROUGHPUT LAST 12 MONTHS AND PROJECTIONS

	<u>ACTUAL</u>	<u>PROJECTED</u>
<u>1988</u>		
OCTOBER	22,729,000	25,001,900
NOVEMBER	23,167,000	25,483,700
DECEMBER	24,683,000	27,151,300
<u>1989</u>		
JANUARY	23,447,000	25,791,700
FEBRUARY	23,222,000	25,544,200
MARCH	27,105,000	29,815,500
APRIL	24,751,000	27,226,100
MAY	24,569,000	27,025,900
JUNE	23,605,000	25,965,500
JULY	23,305,000	25,635,500
AUGUST	23,209,000	25,529,900
SEPTEMBER	<u>22,035,000</u>	<u>24,238,500</u>
	285,827,000 GALLONS	314,409,700 GALLONS

THESE NUMBERS ARE CONFIDENTIAL INFORMATION.



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: Dale Twachtmann

FROM: Steve Smallwood *St. J. Smallwood*

DATE: January 12, 1990

SUBJ: Amendments to Construction Permit No. AC 06-167202

*Please call
Patty Adams
when signed
8-1344*

Attached for your approval and signature is a letter modifying the throughput rate for the above referenced construction permit.

The Division recommends approval of this amendment.

Attachment

SS/JR/plm

LS
JAN 16 1990

Office of the Secretary



Interoffice Memorandum

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

To: Air Regulation

From: David M. Beebe, Assistant Chief *DMB*
Bureau of Finance and Accounting

Date: 12-08-89

Subject: Refund of Fees

Your application for refund for Shell Oil Company

File# AC06-1672029, is complete.

State of Florida Warrant 4 11618 57, dated 12-04-89 and
in the amount of \$ 4,800.00, was mailed 12-06-89.

DMB/lis

Refund processed on Agency Voucher C 03294

Fiscal Year 89-90

32

Entered on PATS 12-11-89

November 9, 1989

Shell Oil Company



P.O. Box 1703
Atlanta, Georgia 30371

320 Interstate North Parkway
Atlanta, Georgia 30339

CERTIFIED MAIL P569 058 596

Mr. C. H. Fancy, P.E.
Bureau of Air Regulation
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

RE: Shell Oil Company
Port Everglades Plant
Permit No. AC-167202
Vapor Recovery Unit

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Attachment 1 lists the actual volumes for the last 12 months and a projected volume for the next 12 months.

We will appreciate your favorable consideration of our proposal.

Very truly yours,

Reece L. Andrews, P.E.
Facilities Manager-East

Attachment

RECEIVED
NOV 17 1989
DER - BAQM

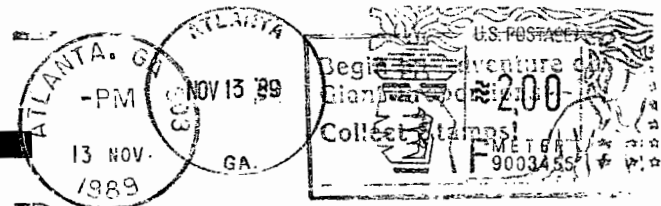
TAL8905204 - 0001.0.0
Copied: J. Reynolds
J. Brooks, SE Dist.
J. Carlson, BCFQC B
CHFIBT



Shell Oil Company

P. O. Box 1703
Atlanta, GA 30371

E-32102



From:
Shell Oil Company
P.O. Box 1703
Atlanta, GA 30371

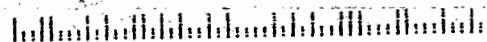
CERTIFIED

P 569 058 596

MAIL

MR. C. H. FANCY, P.E.
BUREAU OF AIR REGULATION
FLORIDA DEPT. OF ENVIRONMENTAL REGULATION
TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FL 32399-2400

O-640-040 (1-81)



ATTACHMENT I

PORT EVERGLADES GASOLINE THROUGHPUT LAST 12 MONTHS AND PROJECTIONS

	<u>ACTUAL</u>	<u>PROJECTED</u>
<u>1988</u>		
OCTOBER	22,729,000	25,001,900
NOVEMBER	23,167,000	25,483,700
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JANUARY	23,447,000	25,791,700
FEBRUARY	23,222,000	25,544,200
MARCH	27,105,000	29,815,500
APRIL	24,751,000	27,226,100
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JULY	23,305,000	25,635,500
AUGUST	23,209,000	25,529,900
SEPTEMBER	<u>22,035,000</u>	<u>24,238,500</u>
	285,827,000 GALLONS	314,409,700 GALLONS

THESE NUMBERS ARE CONFIDENTIAL INFORMATION.

STATE OF FLORIDA)
COUNTY OF Leon)

Pursuant to the provisions of Section 215.26, or Section _____, Florida Statutes, I hereby apply for a refund and request that a State Warrant be drawn in favor of:

NAME: Shell Oil Company
ADDRESS: P. O. Box 1703
Atlanta, Georgia 30371
AMOUNT: \$4,800.00

which represents moneys I paid into the State Treasury subject to refund, and to substantiate such claim the following facts are submitted:

Reason for Claim: Overpayment of Processing Fee AC 06-167202

CERTIFIED TRUE AND CORRECT this _____ day of _____, 19_____.

Signature

*Must be completed if authority is other than Section 215.26, Florida Statutes.

(FOR AGENCY USE ONLY)

(1) Agency recommends denial of above claim based on the following facts, including statutory authority for collection: _____

or

(2) Agency recommends approval of above claim and submits the following information to substantiate such claim. The amount recommended: \$ _____.

The amount requested above was originally deposited into the State Treasury, included in State Treasurer's Receipt # _____, dated _____.

NAME OF ACCOUNT:

SAMAS ACCOUNT CODE											

Statutory Authority for Collection _____

It is requested that payment be made from: _____

NAME OF ACCOUNT:

SAMAS ACCOUNT CODE											

CERTIFIED TRUE AND CORRECT this 13th day of November, 1989.

Department of Environmental Regulation
Agency

Ch. J. ...
Signature of Authorized Person

Chief, Bureau of Air Regulation
Title

SECTION 215.26 STATES, IN PART: "APPLICATION FOR REFUNDS AS PROVIDED BY THIS SECTION SHALL BE FILED WITH THE COMPTROLLER, EXCEPT AS OTHERWISE PROVIDED HEREIN, WITHIN 3 YEARS AFTER THE RIGHT TO SUCH REFUND SHALL HAVE ACCRUED ELSE SUCH RIGHT SHALL BE BARRED." Three years is interpreted as meaning three years from the date of payment into the State Treasury.

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: Mr. Reese L. Andrews H.S. & E. Manager - East Shell Oil Company P.O. Box 1703 Atlanta, Georgia 30371	4. Article Number P 938 762 721 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 Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery <i>CC: 05 1989</i>	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

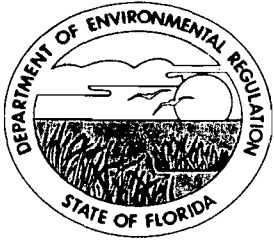
P 938 762 721

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Mr. Reese L. Andrews, Shell	
Street and No. Oil Company P.O. Box 1703	
P.O., State and ZIP Code Atlanta, Georgia 30371	
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 Mailed: 10-20-89 Permit: AC 06-167202, -203	

PS Form 3800, June 1985



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 PERMITS

Mr. Reese L. Andrews
H.S. & E. Manager - East
Shell Oil Company
Post Office Box 1703
Atlanta, Georgia 30371

October 19, 1989

Enclosed are construction permits Nos. AC 06-167202, and -167203 for Shell Oil Company to replace an existing vapor recovery unit and to modify an existing jet fuel storage tank for gasoline service at their facility in Broward County, Florida. These permits are issued pursuant to Section 403, Florida Statutes.

Any party to these permits has the right to seek judicial review of the permits 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 these permits are filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



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

Copies furnished to:

I. Goldman, SE District
G. Carlson, BCEQCB

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 business on 10/20/89.

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.

Don J. J. J.
Clerk

10/20/89
Date

Final Determination

**Shell Oil Company
Broward County
Ft. Lauderdale, Florida**

**Replace Vapor Recovery Unit
Permit No. AC 06-167202**

**Modify Tank No. 3 for Gasoline Storage
Permit No. AC 06-167203**

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

October 17, 1989

Final Determination

The construction permit applications have been reviewed by the Department. Public notice of the Department's Intent to Issue was published in the Ft. Lauderdale News/Sun Sentinel on September 22, 1989. The Technical Evaluation and Preliminary Determination were available for public inspection at the DER's Southeast District office in West Palm Beach and the DER's Bureau of Air Regulation office in Tallahassee.

No comments were received during the public notice period. Therefore, the final action of the Department will be to issue the construction permits as drafted.



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:

Shell Oil Company
P. O. Box 1703
Atlanta, Georgia 30371

Permit Number: AC 06-167202
Expiration Date: December 31, 1990
County: Broward
Latitude/Longitude: 26°05'30"N
80°04'45"W

Project: Install Replacement
Vapor Recovery Unit

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:

For the installation of a replacement vapor recovery unit. This project will be located in Ft. Lauderdale, Broward County, Florida. The UTM coordinates of this site are Zone 17, 592.1 km E and 2,886.0 km N.

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

Attachments are listed below:

1. Application to Operate/Construct Air Pollution Sources, DER Form 17-1.202(1) received July 5, 1989.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

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. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

GENERAL CONDITIONS:

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.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware 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.

15. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- (x) Compliance with New Source Performance Standards

SPECIFIC CONDITIONS:

1. The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application. The total gasoline loading rack throughput shall not exceed 2,000,000 gallons per day or 25,000,000 gallons per month.

2. VOC emissions from the new vapor recovery unit shall not exceed 25 lbs/hr; 600 lbs/day; or 45 tons per year (35 milligrams per liter of gasoline loaded).

3. The replacement vapor recovery unit and all appurtenant equipment shall comply with all applicable requirements of 40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, and F.A.C. Rule 17-2.650(1)(f)10., Bulk Gasoline Terminals.

4. Compliance shall be determined using all applicable test methods and procedures set forth in 40 CFR 60.503. At least 15 days prior to the date of compliance testing, the Broward County Environmental Quality Control Board (BCEQCB) and the Department's Southeast District office shall be notified in order to witness the test.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

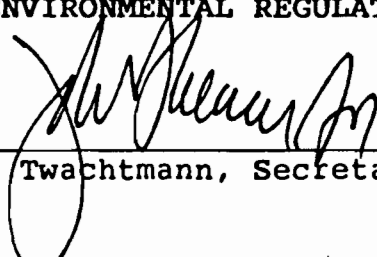
SPECIFIC CONDITIONS:

5. 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).

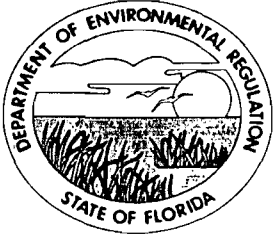
6. An application for an operation permit must be submitted to the Broward County Environmental Quality Control Board and the Department's Southeast District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever 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. Rule 17-4.220).

Issued this 17th day
of October, 1989

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



Dale Twachtmann, Secretary



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:

Shell Oil Company
P. O. Box 1703
Atlanta, Georgia 30371

Permit Number: AC 06-167203
Expiration Date: December 31, 1990
County: Broward
Latitude/Longitude: 26°05'30"N
80°04'45"W
Project: Modify Tank No. 3 for
Gasoline Storage

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:

For the modification of Tank No. 3 to store gasoline. This project will be located in Ft. Lauderdale, Broward County, Florida. The UTM coordinates of this site are Zone 17, 592.1 km E and 2,886.0 km N.

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

Attachments are listed below:

1. Application to Operate/Construct Air Pollution Sources, DER Form 17-1.202(1) received July 5, 1989.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

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. The permittee shall comply with the following:

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

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

GENERAL CONDITIONS:

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.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware 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.

15. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- (x) Compliance with New Source Performance Standards

SPECIFIC CONDITIONS:

1. The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application.

2. The modified tank No. 3 and all appurtenant equipment shall comply with all the applicable requirements of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification commenced after July 23, 1984, and F.A.C. Rule 17-2.650(1)(f)10., Bulk Gasoline Terminals.

3. The modified tank No. 3 shall be used for gasoline storage only. The permittee shall notify the Broward County Environmental Control Board and the Department's Southeast District office prior to putting more than 61.4 million gallons of gasoline per year through tank No. 3.

4. The modified tank No. 3 may be operated continuously (8,760 hrs/year).

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

SPECIFIC CONDITIONS:

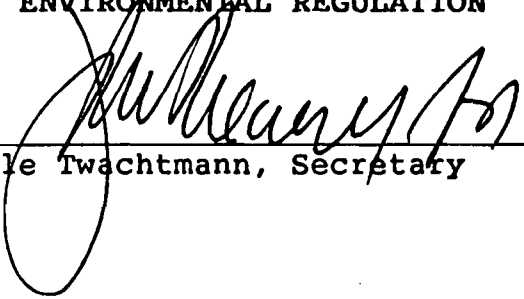
5. The permittee shall calculate the actual VOC emissions from tank No. 3 annually by the procedures described in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3-Storage of Organic Liquids, using actual production, construction, and meteorological data, and shall submit this information to the Broward County Environmental Control Board and the Department's Southeast District office along with an annual operation report.

6. 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).

7. An application for an operation permit must be submitted to the Broward County Environmental Quality Control Board and the Department's Southeast 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. Rule 17-4.220).

Issued this 17th day
of October, 1989

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



Dale Twachtmann, Secretary



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: Dale Twachtmann

FROM: Steve Smallwood *[Signature]*

DATE: October 17, 1989

SUBJ: Approval of Construction Permits No. AC 06-167202 and -167203, Shell Oil Company, Ft. Lauderdale, Florida

*Please call
Patty Adams
when signed
8-1344*

Attached for your approval and signature are two permits prepared by the Bureau of Air Regulation for the above mentioned company to replace an existing vapor recovery unit and to modify an existing jet fuel storage tank for gasoline service.

No comments were received during the public notice period.

Day 90, after which these permits will be issued by default, is November 30, 1989.

I recommend your approval and signature.

SS/JR/t

attachments

Shell Oil Company



September 26, 1989

RECEIVED

OCT 2 1989

DER-LA91

P.O. Box 1703
Atlanta, Georgia 30371

320 Interstate North Parkway
Atlanta, Georgia 30339

CERTIFIED MAIL - P972047112

Mr. C. H. Fancy, P.E.
Bureau of Air Regulation
Florida Department of Environmental Regulation
Twin Towers Office Bldg.
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

SUBJECT: SHELL OIL COMPANY
PT. EVERGLADES PLANT (FT. LAUDERDALE)
NOTICE OF INTENT TO ISSUE

Pursuant to Section 403.815, Florida Statutes, and DER Rule 17-103.150, Florida Administrative Code Rules, enclosed is proof of publication of a Notice of Intent to Issue Permits to replace an existing vapor recovery unit and to install an internal tank pan to convert an existing jet fuel storage tank to gasoline service at our facility in Ft. Lauderdale.

If you have any questions, please do not hesitate to call me.

Sincerely,

T. R. Turner
Environmental Engineer
404-955-4635

*copied: J. Reynolds
L. Brooks, SE Dist
G. Carlson, BLEACB*



Shell Oil Company

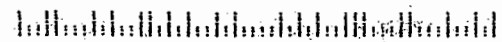
P. O. Box 1703
Atlanta, GA 30371

E-32102

CERTIFIED
P 972 047 112
MAIL



Mr. C. H. Fancy, P.E.
Bureau of Air Regulation
Florida Dept. of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400



FORT LAUDERDALE NEWS/SUN-SENTINEL
PUBLISHED DAILY

FORT LAUDERDALE, BROWARD COUNTY, FLORIDA
BOCA RATON, PALM BEACH COUNTY, FLORIDA
MIAMI, DADE COUNTY, FLORIDA



STATE OF FLORIDA

COUNTY OF BROWARD/PALM BEACH/DADE

BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY
APPEARED Nara Begak WHO ON
OATH SAYS THAT HE/SHE IS A DULY AUTHORIZED
REPRESENTATIVE OF THE CLASSIFIED DEPARTMENT OF
THE FORT LAUDERDALE NEWS/SUN-SENTINEL, DAILY
NEWSPAPERS PUBLISHED IN BROWARD/PALM BEACH/DADE
COUNTY, FLORIDA THAT THE ATTACHED COPY OF
ADVERTISEMENT, BEING A

STATE OF FLORIDA

IN THE MATTER OF

Vapor Recovery Unit

IN THE CIRCUIT COURT, WAS PUBLISHED IN SAID
NEWSPAPER IN THE ISSUES OF
C. 9/22, 1X

AFFIANT FURTHER SAYS THAT THE SAID FORT
LAUDERDALE NEWS/SUN-SENTINEL ARE NEWSPAPERS
PUBLISHED IN SAID BROWARD/PALM BEACH/DADE
COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPERS
HAVE HERETOFORE BEEN CONTINUOUSLY PUBLISHED IN
SAID BROWARD/PALM BEACH/DADE COUNTY, FLORIDA,
EACH DAY, AND HAVE BEEN ENTERED AS SECOND
CLASS MATTER AT THE POST OFFICE IN FORT
LAUDERDALE, IN SAID BROWARD 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 SAID NEWSPAPERS.

Nara Begak
AUTHORIZED REPRESENTATIVE

SWORN TO AND SUBSCRIBED BEFORE ME
THIS 22 DAY OF SEPTEMBER
A.D. 1989

Judith A. Turner
(SEAL) Notary Public, State of Florida
My Commission Expires Aug. 22, 1992
Bonded Thru Troy Fain - Insurance Inc.
NOTARY PUBLIC

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 permits to Shell Oil Company, P.O. Box 1703, Atlanta, Georgia 30371, to construct a replacement vapor recovery unit and install an internal tank pan to convert an existing jet fuel storage facility to gasoline service at the facility in Ft. Lauderdale, Broward County, Florida. 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 normal 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, FL 32399-2400
Department of Environmental Regulation
Southeast District
1900 S. Congress Ave
Suite A
West Palm Beach, FL 33406
Broward County
Environmental
Quality Control Board
621 S. Andrews Avenue
Ft. Lauderdale, FL 33310
Any person may send written comments on the proposed action to Mr. Bill Thomas 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.
Sept. 22, 1989

PS Form 3800, June 1985

Sent to	
Street and No.	
P.O., State and ZIP Code	
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	

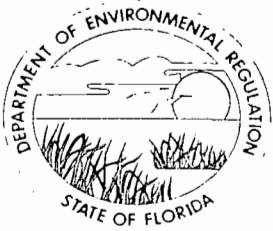
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

P 938 762 673

● **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. Reese L. Andrews H. S. & E. Manager - East Shell Oil Company P. O. Box 1703 Atlanta, Georgia 30371	4. Article Number P 938 762 673 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 . 8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery SEP 11 1989	



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

September 8, 1989

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Reese L. Andrews
H. S. & E. Manager - East
Shell Oil Company
P. O. Box 1703
Atlanta, Georgia 30371

Dear Mr. Andrews:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permits for Shell Oil Company to replace an existing vapor recovery unit and to install an internal tank pan to convert an existing jet fuel storage tank to gasoline service at their facility in Ft. Lauderdale, Broward County, Florida.

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

Sincerely,

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

CHF/JR/t

Attachments

cc: I. Goldman, SE District
G. Carlson, BCEQCB

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permits by:

Shell Oil Company
P. O. Box 1703
Atlanta, Georgia 30371

DER File Nos. AC 06-167202
AC 06-167203

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue permits (copies 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, Shell Oil Company applied on July 5, 1989, to the Department of Environmental Regulation for permits to construct a replacement vapor recovery unit and to install an internal tank pan to convert an existing jet fuel storage tank to gasoline service at their facility in Ft. Lauderdale, Broward 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 air construction permits are 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 Permits. 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 permits.

The Department will issue the permits 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.
Bureau of Air Regulation

Copies furnished to:

- I. Goldman, SE District
- G. Garlson, BCEQCB

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 9-8-89.

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.

Martha A. Lise
Clerk

9-8-89
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 permits to Shell Oil Company, P. O. Box 1703, Atlanta, Georgia 30371, to construct a replacement vapor recovery unit and install an internal tank pan to convert an existing jet fuel storage tank to gasoline service at their facility in Ft. Lauderdale, Broward County, Florida. 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 normal 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
Southeast District
1900 S. Congress Ave., Suite A
West Palm Beach, Florida 33406

Broward County Environmental
Quality Control Board
621 S. Andrews Avenue
Ft. Lauderdale, Florida 33310

Any person may send written comments on the proposed action to Mr. Bill Thomas 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

Shell Oil Company
Broward County
Ft. Lauderdale, Florida

Replace Vapor Recovery Unit
Permit No. AC 06-167202

Modify Tank No. 3 for Gasoline Storage
Permit No. AC 06-167203

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

September 8, 1989

I. Application

A. Applicant

Shell Oil Company
P. O. Box 1703
Atlanta, Georgia 30371

B. Request

The Department received two applications on July 5, 1989, for permits to replace an existing vapor recovery unit and to install an internal pan for converting a jet fuel tank to gasoline service at their terminal in Ft. Lauderdale, Florida. The applications were deemed complete after receiving additional information by phone on July 27, 1989.

C. Location/Classification

The applicant's Port Everglades gasoline terminal (SIC Code 2911) is located at 909 S.E. 24th Street in Ft. Lauderdale. Latitude and longitude coordinates are 26°05'30" N and 80°04'45" W while UTM coordinates are Zone 17, 592.1 km E and 2886.0 km N.

II. Project Description/Emissions

The applicant proposes to install new equipment to replace an existing vapor recovery unit and also convert tank No. 3 from jet fuel to gasoline service by installing an internal floating pan with double seal. This evaluation addresses the increase in emissions resulting from these two projects.

The applicant's revised 1989 estimated gasoline throughput of 300 million gallons exceeds their 1988 gasoline throughput by 23.4 million gallons. This figure does not include gasoline to be put through the converted jet fuel tank No. 3 nor jet fuel transferred via pipeline bypassing the vapor recovery unit. Allowable emissions from the 23.4 million gallon increase in gasoline throughput will be approximately 3.5 tons per year (23,432,000 gal x 0.3 lb/1000 gal x 1/2000). VOC emissions from the gasoline to be put through the converted jet fuel tank No. 3, adjusted for jet fuel offset (0.88 ton per year), will be 11.4 tons per year. Thus, the total increase in VOC emissions from these two projects will be 14.9 tons per year.

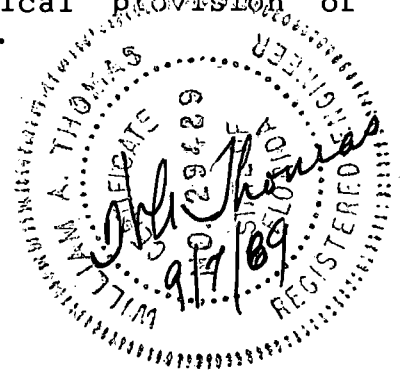
III. Rule Applicability

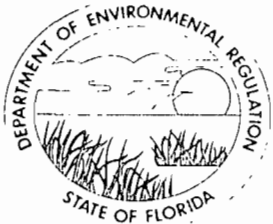
The applicant's proposed projects are subject to review under provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Rules 17-2 and 17-4. The Port Everglades terminal is in an area designated as nonattainment for

ozone. The proposed projects are exempt from new source review for nonattainment areas because they do not result in a significant net emission increase for VOCs (increase is less than 40 tons per year). Applicable rules are F.A.C. Rule 17-2.520, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements, F.A.C. Rule 17-2.650(1)(f)10, Bulk Gasoline Terminals, and F.A.C. Rule 17-2.660, Standards of Performance for New Stationary Sources (NSPS), Subparts Kb and XX.

IV. Conclusion

Based on the information provided by Shell Oil Company, the Department has reasonable assurance that the proposed construction/installation of a vapor recovery unit and conversion of a jet fuel tank to gasoline service, 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:
Shell Oil Company
P. O. Box 1703
Atlanta, Georgia 30371

Permit Number: AC 06-167202
Expiration Date: December 31, 1990
County: Broward
Latitude/Longitude: 26°05'30"N
80°04'45"W
Project: Install Replacement
Vapor Recovery Unit

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:

For the installation of a replacement vapor recovery unit. This project will be located in Ft. Lauderdale, Broward County, Florida. The UTM coordinates of this site are Zone 17, 592.1 km E and 2,886.0 km N.

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

Attachments are listed below:

1. Application to Operate/Construct Air Pollution Sources, DER Form 17-1.202(1) received July 5, 1989.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

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. The permittee shall comply with the following:

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

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

GENERAL CONDITIONS:

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.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware 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. The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application. The total gasoline loading rack throughput shall not exceed 2,000,000 gallons per day or 25,000,000 gallons per month.

2. VOC emissions from the new vapor recovery unit shall not exceed 25 lbs/hr; 600 lbs/day; or 45 tons per year (35 milligrams per liter of gasoline loaded).

3. The replacement vapor recovery unit and all appurtenant equipment shall comply with all applicable requirements of 40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, and F.A.C. Rule 17-2.650(1)(f)10., Bulk Gasoline Terminals.

4. Compliance shall be determined using all applicable test methods and procedures set forth in 40 CFR 60.503. At least 15 days prior to the date of compliance testing, the Broward County Environmental Quality Control Board (BCEQCB) and the Department's Southeast District office shall be notified in order to witness the test.

5. 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).

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167202
Expiration Date: Dec. 31, 1990

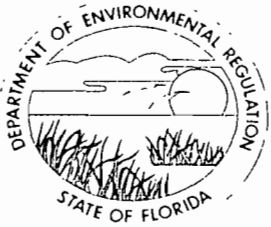
SPECIFIC CONDITIONS:

6. An application for an operation permit must be submitted to the Broward County Environmental Quality Control Board and the Department's Southeast 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. Rule 17-4.220).

Issued this _____ day
of _____, 1989

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Dale Twachtmann, Secretary



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:
Shell Oil Company
P. O. Box 1703
Atlanta, Georgia 30371

Permit Number: AC 06-167203
Expiration Date: December 31, 1990
County: Broward
Latitude/Longitude: 26°05'30"N
80°04'45"W
Project: Modify Tank No. 3 for
Gasoline Storage

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:

For the modification of Tank No. 3 to store gasoline. This project will be located in Ft. Lauderdale, Broward County, Florida. The UTM coordinates of this site are Zone 17, 592.1 km E and 2,886.0 km N.

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

Attachments are listed below:

1. Application to Operate/Construct Air Pollution Sources, DER Form 17-1.202(1) received July 5, 1989.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

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:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

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. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

GENERAL CONDITIONS:

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.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware 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. The construction and operation of this source shall be in accordance with the capacities and specifications stated in the application.

2. The modified tank No. 3 and all appurtenant equipment shall comply with all the applicable requirements of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification commenced after July 23, 1984, and F.A.C. Rule 17-2.650(1)(f)10., Bulk Gasoline Terminals.

3. The modified tank No. 3 shall be used for gasoline storage only. The permittee shall notify the Broward County Environmental Control Board and the Department's Southeast District office prior to putting more than 61.4 million gallons of gasoline per year through tank No. 3.

4. The modified tank No. 3 may be operated continuously (8,760 hrs/year).

5. The permittee shall calculate the actual VOC emissions from tank No. 3 annually by the procedures described in AP-42, Compilation of Air Pollutant Emission Factors, Section 4.3-Storage of Organic Liquids, using actual production, construction, and meteorological data, and shall submit this information to the Broward County Environmental Control Board and the Department's Southeast District office along with an annual operation report.

PERMITTEE:
Shell Oil Company

Permit Number: AC 06-167203
Expiration Date: Dec. 31, 1990

SPECIFIC CONDITIONS:

6. 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).

7. An application for an operation permit must be submitted to the Broward County Environmental Quality Control Board and the Department's Southeast 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. Rule 17-4.220).

Issued this _____ day
of _____, 1989

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

Dale Twachtman, Secretary

June 30, 1989

Shell Oil Company



P.O. Box 1703
Atlanta, Georgia 30371

320 Interstate North Parkway
Atlanta, Georgia 30339

FEDERAL EXPRESS 3329093434

Mr. Bill Thomas
Florida D.E.R.
2600 Blair Stone Road
Tallahassee, FL 32309-2400

Dear Mr. Thomas:

RE: Shell Oil Terminal
Port Everglades, Florida

Enclosed, please find the resubmittal on two separate applications and their respective attachments. The first application pertains to the installation of a new vapor recovery unit; while, the second application relates to the installation of an internal pan.

As requested, the total estimated thruput for 1989 will be around 328,000,000 gallons. This figure includes Jet A, most of which goes via pipeline bypassing the vapor recovery unit. Mogas throughput should be approximately 283,000,000 gallons. All mogas is loaded into trucks and processed by the vapor recovery unit. We request that the permit be based on the 2,000,000 gallon per day rating, not the 1989 estimated thruput.

We are replacing the existing unit because the plant thruput is growing beyond recovery capacity.

Should you have any other questions, please feel free to contact this office. Your efforts in expediting these applications will be appreciated.

Sincerely,

A handwritten signature in black ink that reads "T. R. Turner Jr." with a stylized flourish at the end.

T. R. Turner Jr.
Environmental Engineer
(404) 955-4635

Encl.

cc: Port Everglades Plant Manager

Ms. Daniela Banu
Environmental Quality Control Board
Broward County
621 S. Andrews Avenue
Fort Lauderdale, FL 33301

1031

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FEDERAL EXPRESS

AIRBILL

USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII. USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO. QUESTIONS? CALL 800-238-3335 TOLL FREE.

PACKAGE TRACKING NUMBER

3329093434

90834 3329093434

RECIPIENT'S COPY

Date 7/3/89		To (Recipient's Name) Please Print MR. BILL THOMAS		Recipient's Phone Number (Very Important)	
From (Your Name) Please Print T R TURNER JR		Your Phone Number (Very Important) 404 955-4635		Company FLORIDA D.E.R.	
Company SHELL OIL CO		Department/Floor No.		Department/Floor No.	
Street Address 10 INTERSTATE N PKWY		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 2600 BLAIR STONE ROAD		City State ZIP Required TALLAHASSEE FL 32309-2400	
City State ZIP Required LANTA GA 30339		City State ZIP Required TALLAHASSEE FL 32309-2400		City State ZIP Required	

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)

IF HOLD FOR PICK-UP, Print FEDEX Address Here

Street Address

City State ZIP Required

PAYMENT <input checked="" type="checkbox"/> Bill Sender <input type="checkbox"/> Bill Recipient's FedEx Acct. No. <input type="checkbox"/> Bill 3rd Party FedEx Acct. No. <input type="checkbox"/> Bill Credit Card <input type="checkbox"/> Cash		WEIGHT IN POUNDS ONLY YOUR DECLARED VALUE OVER SIZE		Emp. No. Date <input type="checkbox"/> Cash Received <input type="checkbox"/> Return Shipment <input type="checkbox"/> Third Party <input type="checkbox"/> Chg. To Del <input type="checkbox"/> Chg. To Hold Street Address City State Zip Received By: <input checked="" type="checkbox"/> Date/Time Received FedEx Employee Number Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom. Release Signature:	
SERVICES 1 <input type="checkbox"/> PRIORITY 1 Overnight Delivery 2 <input type="checkbox"/> COURIER-PAK OVERNIGHT ENVELOPE 3 <input type="checkbox"/> OVERNIGHT BOX 4 <input type="checkbox"/> OVERNIGHT TUBE 5 <input type="checkbox"/> STANDARD AIR Delivery not later than second business day *Declared Value Limit \$100.		DELIVERY AND SPECIAL HANDLING 1 <input type="checkbox"/> HOLD FOR PICK-UP (fill in Box #) 2 <input checked="" type="checkbox"/> DELIVER WEEKDAY 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge) 4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 5 <input type="checkbox"/> CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge) (Release Signature Not Applicable) 6 <input type="checkbox"/> DRY ICE Lbs. 7 <input type="checkbox"/> OTHER SPECIAL SERVICE 8 <input type="checkbox"/> 9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge) 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> HOLIDAY DELIVERY (if offered) (Extra charge)		Total Total Total Received At: 1 <input type="checkbox"/> Regular Stop 2 <input type="checkbox"/> On-Call Stop 3 <input type="checkbox"/> Drop Box 4 <input type="checkbox"/> B.S.C. 5 <input type="checkbox"/> Station FEDEX Corp. Employee No. Date/Time for FEDEX Use	
				Federal Express Use Base Charges Declared Value Charge Other 1 Other 2 Total Charges PART #111800 REVISION DATE 10/88 PRINTED IN U.S.A. FXEM 009 © 1988 F.E.C.	

PAYMENTS FOR THE ACCOUNT OF: SHELL OIL COMPANY

REFERENCE NO.	INVOICE NO.	INVOICE DATE	DISCOUNT	AMOUNT
06-21-MGB-39	CK REQUEST			5,200.00
	VAPOR RECOVERY AND TANK #3 APPLICATION FEE REC. \$5000. APPL. FEE \$200.			
DX MAIL CODE	S 76805 19 VENDOR NO.	800144 CHECK NO.	4462 BANK I.D.	5,200.00 AMOUNT OF CHECK



#5000pd
7-5-89
Receipt #117634
AC 06-167202
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1989 JUN -9 AM 10:42

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
APPLICATION TO OPERATE/CONSTRUCT
AIR POLLUTION SOURCES

SOURCE TYPE: Replace existing V.R.U. New¹ Existing¹
APPLICATION TYPE: Construction Operation Modification
COMPANY NAME: Shell Oil Terminal COUNTY: Broward

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) Vapor Recovery Unit

SOURCE LOCATION: Street 909 S.E. 24th Street City Ft. Lauderdale
UTM: East Zone 17; 592.1 Km.E North 2886.0 Km.N
Latitude 26 ° 05 ' 30 "N Longitude 80 ° 04 ' 45 "W

APPLICANT NAME AND TITLE: R. L. Andrews, Health, Safety & Environmental Manager-East
APPLICANT ADDRESS: P.O. Box 1703, Atlanta, Georgia 30371

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Shell Oil Company
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: [Signature]
REECE L. ANDREWS, H.S. & E MGR - EAST
Name and Title (Please Type)
Date: June 2, 1989 Telephone No. 404-955-4734

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 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: [Signature]
REECE L. ANDREWS
Name (Please Type)
SHELL OIL COMPANY
Company Name (Please Type)
P.O. Box 1703 ATLANTA, GA 30371
Mailing Address (Please Type)
Date: June 2, 1989 Telephone No. 404-955-4734

(Affix Seal)
Florida Registration No. 11910

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.

Install new John Zink Vapor Recovery Unit (Model No. AA-825-6-10-B)

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction ≈ July, 1989 Completion of Construction ≈ August, 1989

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.)

See attached Estimate of Construction Cost

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

A0 06-122611 Expiration date 9/1/91

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? Yes No

F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ; if power plant, hrs/yr _____ ; if seasonal, describe: --

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

Replacing Existing Unit

1. Is this source in a non-attainment area for a particular pollutant?

N/A

a. If yes, has "offset" been applied?

N/A

b. If yes, has "Lowest Achievable Emission Rate" been applied?

N/A

c. If yes, list non-attainment pollutants.

N/A

2. Does best available control technology (BACT) apply to this source? If yes, see Section VI.

N/A

3. Does the State "Prevention of Significant Deterioration" (PSD) requirements apply to this source? If yes, see Sections VI and VII.

N/A

4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source?

N/A

5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source?

N/A

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

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

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

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

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

- Total Process Input Rate (lbs/hr): N/A
- Product Weight (lbs/hr): N/A

C. Airborne Contaminants Emitted: See attached calculations

Name of Contaminant	Emission ¹		Allowed Emission ² Rate per Ch. 17-2, F.A.C.	Allowable ³ Emission lbs/hr	Potential Emission ⁴		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Gasoline	55.83	108.7	80 mg/l	N/A	N/A	N/A	N/A

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

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles ⁵ Size Collected (in microns)	Basis for Efficiency (Sec. V, It ⁵)
John Zink AA-825-6-10-B	Gasoline	No more than 80 mg/l	N/A	N/A

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 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)

⁵If Applicable

E. Fuels

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

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, 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. Annual Average N/A Maximum N/A

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): N/A

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

Gas Flow Rate: _____ ACFM Gas Exit Temperature: _____ °F.

Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Description of Waste N/A

Total Weight Incinerated (lbs/hr) N/A Design Capacity (lbs/hr) N/A

Approximate Number of Hours of Operation per day N/A days/week N/A

Manufacturer N/A

Date Constructed N/A Model No. N/A

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

Stack Height: N/A ft. Stack Diameter N/A Stack Temp. N/A

Gas Flow Rate: N/A ACFM N/A DSCFM* Velocity N/A 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. N/A

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

Brief description of operating characteristics of control devices: _____

N/A

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

N/A

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight – show derivation.
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.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
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, etc.).
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).
6. An 8½" 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.
7. An 8½" 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).
8. An 8½" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. An application fee of \$20, unless exempted by Section 17-4.05(3), F.A.C. The check should be made payable to the Department of Environmental Regulation.
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.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

- 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
N/A	N/A

- B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy) Yes No

Contaminant	Rate or Concentration
N/A	N/A

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

Contaminant	Rate or Concentration
N/A	N/A

- D. Describe the existing control and treatment technology (if any). N/A

1. Control Device/System:
2. Operating Principles:
3. Efficiency: *
4. Capital Costs:
5. Useful Life:
6. Operating Costs:
7. Energy:
8. Maintenance Cost:
9. Emissions:

Contaminant	Rate or Concentration
N/A	N/A

*Explain method of determining D 3 above.

10. Stack Parameters N/A

- 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. N/A

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy*:
- 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. See attached sheets

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy**:
- h. Maintenance Costs:
- 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:

*Explain method of determining efficiency. N/A

**Energy to be reported in units of electrical power – KWH design rate. N/A

3.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Life:
- f. Operating Cost:
- g. Energy:
- h. Maintenance Cost:

*Explain method of determining efficiency above.

- 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. N/A
- a. Control Device
 - b. Operating Principles:
 - c. Efficiency*:
 - d. Capital Cost:
 - e. Life:
 - f. Operating Cost:
 - g. Energy:
 - 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: N/A

- 1. Control Device:
- 2. Efficiency*:
- 3. Capital Cost:
- 4. Life:
- 5. Operating Cost:
- 6. Energy:
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:

a.

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

*Explain method of determining efficiency above.

(7) Emissions*:

Contaminant	Rate or Concentration

(8) Process Rate*:

b.

- (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

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

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions*:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate*:

10. Reason for selection and description of systems:

Thruput Projections

*Applicant 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

A. Company Monitored Data N/A

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.

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 N/A

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 N/A

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 N/A

Table with 2 columns: Pollutant and Emission Rate. Rows for TSP and SO2 with blank lines for values and units (grams/sec).

E. Emission Data Used in Modeling N/A

Attach list of emission sources. Emission data required is source name, description on 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. N/A

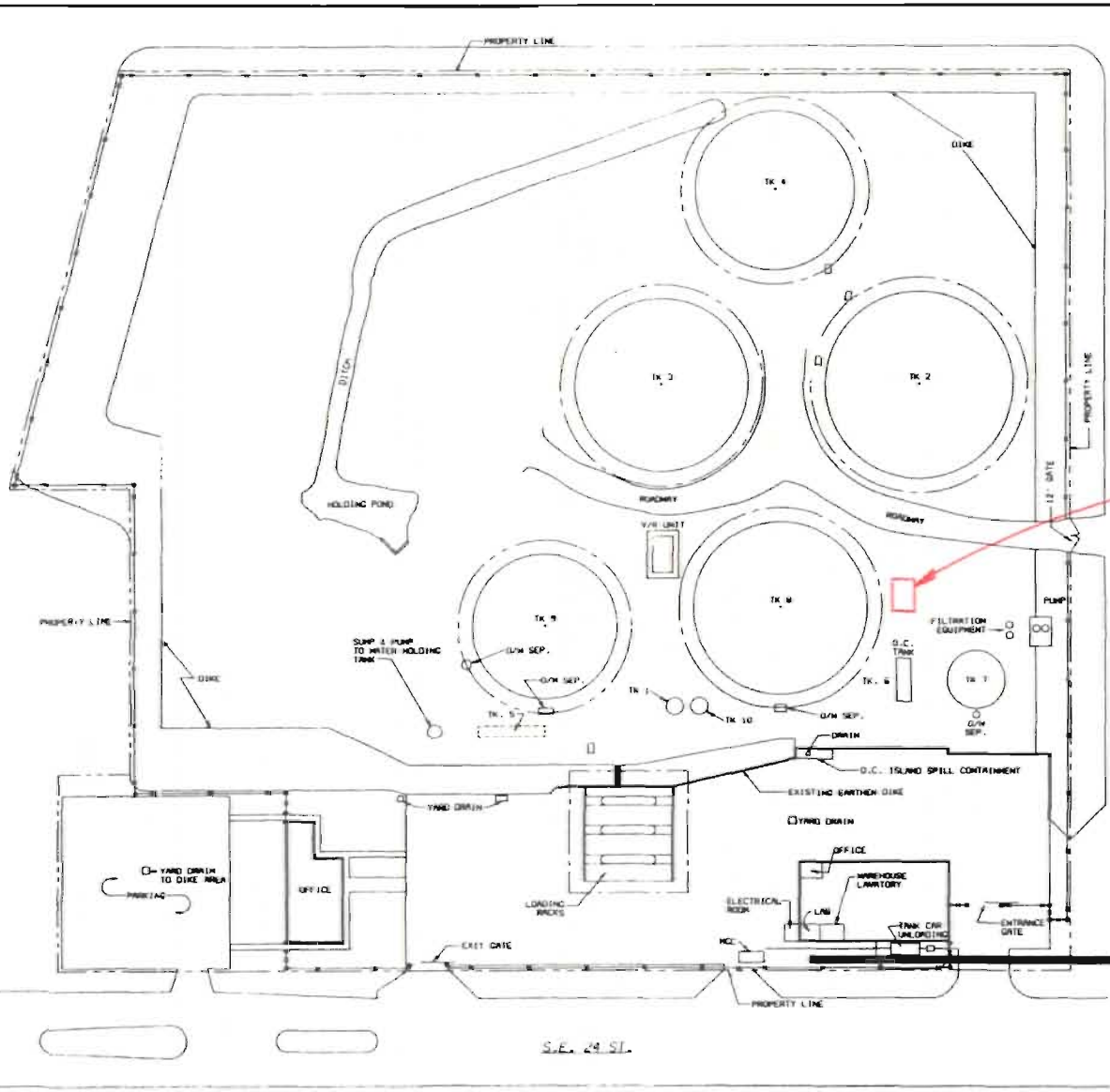
*Specify bubbler (B) or continuous (C).

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.

N/A

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.

N/A



Tank	BR.	SIZE		ROOF TYPE
		HT.	DIAM.	
1	600	26	21	CONC.
2	120000	46	134	CONC.
3	86500	48	120	CONC.
4	80000	50	110	PAV.
7	9500	4.3.7	50	CONC.
8	80000	40	120	FL.
9	95000	40	100	FL.
10	600	26	21	CONC.
213	13000	48	56	FL.
214	53000	44	56	FL.
220	42000	48	36	PAV.



NEW V/R UNIT

S.E. 24 ST.

SHELL OIL COMPANY HOUSTON, TEXAS		GENERAL LAYOUT PORT EVERGLADES PLANT		PROJECT NO. DP-79089	DATE 07
APPROVALS DATE	SHELL OIL COMPANY HOUSTON, TEXAS	SHELL OIL COMPANY HOUSTON, TEXAS	SHELL OIL COMPANY HOUSTON, TEXAS	SHELL OIL COMPANY HOUSTON, TEXAS	SHELL OIL COMPANY HOUSTON, TEXAS

REFINING & MARKETING ORGANIZATION

DELEGATION OF CORPORATE AUTHORITY

ENVIRONMENTAL PROTECTION AGENCIES

General Managers
Retail Marketing Managers - Eastern, Western, and Mid-Continent
Manager Supply - Eastern Region
Manager Products Distribution - Supply & Transportation
Products Distribution Area Managers
Products Distribution Plant Managers/Superintendents/Foremen (a)
Manager Manufacturing Complex and Refinery
Manager Marketing Engineering (b)
Manager Environmental - Marketing Engineering (b)
Products Distribution Area Facilities Managers (b)
→ Products Distribution Area Health, Safety & Environmental Managers (b)
Superintendent Health, Safety & Environmental - Deer Park (b)
Superintendent Environmental Conservation/Utilities (b)
Superintendent Operations - Odessa (b)
Manager Environmental Conservation - Anaconites, Martinez, Norco,
Wilmington (b)
Manager Health, Safety, Environment and Quality Assurance - Metairie (b)
Environmental Engineer - Sewaren (c)
Marketing Retail District - Engineers (c)
Marketing Retail District - Managers (e)
Superintendent Terminal Operations - Domestic Raw Material Supply (d)

Each of the above, now or hereafter appointed, representative of the Refining and Marketing Organization is hereby authorized, in behalf of the Company, but in the name of either the Company or Shell Chemical Company, and in compliance with any law, ordinance, regulation, rule, or order of any Governmental authority (whether Federal, State, District of Columbia, or local) relating to control, protection, or improvement of the environment:

- 1) to execute application forms for permits required by regulations which apply to National Pollutant Discharge Elimination Systems (NPDES), Underground Injection Control (UIC), Resource Conservation and Recovery Act (RCRA), and the State Dredge and Fill Programs under the Clean Water Act (CWA).
- 2) to execute and deliver applications to any such Governmental Authority, in such forms as may be prescribed or permitted by it, for authority or permission to construct, modify, and/or

operate any equipment or facilities for control, protection, and/or improvement of the environment, located, or to be located, at any of the Company's complexes, refineries, chemical plants, other manufacturing plants, distribution terminals or plants, service stations, or other installations, except, and does not include, signatory authority for permits, as outlined in 1) above.

- 3) to approve the provisions of any compliance program project-completion scheduled, or similar document relating to construction, modification and/or operation of any such equipment or facilities.
- 4) to execute and deliver any other documents and do any other acts in connection with the foregoing, as such officer or agent may deem advisable.
- 5) to execute all reports required by permits.

- (a) Except for Sewaren and Metairie Plant Managers, plant managers, superintendents, and foremen authority is limited to Item 5 above.
- (b) Delegation of Authority limited to Items 2 through 5 above.
- (c) Delegation of Authority limited to Items 2 and 5 above.
- (d) Delegation of Authority limited to Item 5 above.
- (e) Delegation of Authority limited to Items 2, 4 and 5 above.

Granted under the authority for redelegation given me by the Executive Vice President - Products in his memorandum dated August 8, 1983.

Signed:

J. B. Richards
Vice President - Refining & Marketing

Dated:

5/17/86

RM-10R1 (Replaces RM-10)

NOTE: Any questions regarding the above authorities should be directed to the Financial Manager - Manufacturing Financial Support - Manufacturing & Technical.

BJEA85012702/DC-0005.0.0

NAME OF CONTAMINANT	EMISSIONS (1)		(2)	(3)	POTENTIAL (4)	
	MAX #/HR.	ACTUAL TON/YR.	ALLOWED EMISSION RATE	ALLOWABLE EMISSION #/HR	#/HR	T/YR

GASOLINE LOADING - RACK HYDROCARBON	55.83	108.7	80 mg/L	*	*	*
----------------------------------------	-------	-------	---------	---	---	---

1. PROJECTED ANNUAL EMISSIONS: PROTECTED THROUGHPUT =
 $73,774,000 \times 4 \times 1.10 = 324,473,600 \text{ GALS.}$
 CONTROLS @ 80 mg/L = .67 #/1000 GALS
 EMISSIONS = $324,473,600 \text{ GALS/YR} \times .67 \text{ #/1000 GALS} \times 1 \text{ TON/2000 #}$
 = 108.7 TONS/YR. (1)

2. MAXIMUM HOURLY EMISSION @ MAXIMUM HOURLY THROUGHPUT
 $2,000,000 \text{ GALS/DAY} \times \frac{1 \text{ DAY}}{24 \text{ HOURS}} = 83,333 \text{ GALS/HR.}$
 $E_H = 83,333 \text{ GALS/HR} \times .67 \text{ #/1000 GALS} = \underline{55.83 \text{ #/HR}} (1)$

3. POTENTIAL ANNUAL EMISSIONS:

RVP = 10.5 @ 100°F (SUMMER MONTHS)
 RVP = 13.5 @ 100°F (WINTER MONTHS)
 AVERAGE RVP = 12 psi @ 100°F
 $\therefore M = 63$

S = 1 SUBMERGED LOADING: DEDICATED VAPOR BALANCE SERVICE
 P = 8.8 (STORED TEMP. 78°F, S = 3)
 $T = OR = (°F + 460) = 78 + 460 = 538$

$L_L = 12.46 \text{ SPM} / T = 12.46 (1)(8.8)(63) / 538$
 = 12.84 #/1000 GALS.

POTENTIAL ANNUAL THRUPT = PROJECTED ANNUAL THROUGHPUT =
 $324,473,600 \text{ GALLONS/YR} \times 12.84 \text{ #/1000 GALS} \times 1 \text{ TON/2000 #}$
 = 2083 TONS/YR (4)

4. POTENTIAL HOURLY EMISSIONS:

$324,473,600 \text{ GALS/YR} \times \frac{1 \text{ YR}}{365 \text{ DAYS}} \times \frac{1 \text{ DAY}}{24 \text{ HRS.}}$
 = $37,040 \text{ GALS/HR} \times 12.84 \text{ #/1000 GALS}$
 = 475.6 #/HR (4)

NOTES.

* LEAVE ALLOWABLE EMISSION AND POTENTIAL EMISSION BLANK. POTENTIAL EMISSION ASSUMES THAT ALL CONTROL EQUIPMENT IS HOOKED UP.

ALLOWED EMISSION WILL BE CALCULATED BY FOETZ.

A MAXIMUM OF 3 TRUCKS COULD BE LOADED AT ANY ONE TIME

PLANT OPERATES 24 HRS/DAY, 7 DAYS/WEEK, 365 DAYS/YR.

PROPOSAL
FOR
CARBON ADSORPTION/ABSORPTION
GASOLINE VAPOR RECOVERY SYSTEM
MODEL NO. AA-825-6-10-B

Prepared For

COMPANY - SHELL OIL COMPANY

LOCATION - PT. EVERGLADES, FL

INQUIRY NO. - VERBAL

JOHN ZINK FILE NO. G902-030BR

by

JOHN ZINK COMPANY

Tulsa, Oklahoma

Vapor Control Group

February 13, 1989



#200 pd.

7-5-89

Receipt # 119634

RECEIVED
DER - MAIL ROOM

1989 JUN -9 AM 10: 42

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
APPLICATION TO OPERATE/CONSTRUCT
AIR POLLUTION SOURCES

AC 06-167203

SOURCE TYPE: Tank - Install Internal Pan New¹ Existing¹

APPLICATION TYPE: Construction Operation Modification

COMPANY NAME: Shell Oil Company COUNTY: Broward

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) Tank #3

SOURCE LOCATION: Street 909 S.E. 24th Street City Ft. Lauderdale

UTM: East Zone 17,592.1 Km.e. North 2886.0 Km.n

Latitude 26 ° 05 ' 30 "N Longitude 80 ° 04 ' 45 "W

APPLICANT NAME AND TITLE: R. L. Andrews, Health, Safety & Environmental Manager-East

APPLICANT ADDRESS: P.O. Box 1703, Atlanta, GA 30371

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Shell Oil Company

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: R. L. Andrews

REECE L ANDREWS, H-S&E MGR-EAST
Name and Title (Please Type)

Date: June 2, 1989 Telephone No. 404-955-4734

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 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: R. L. Andrews

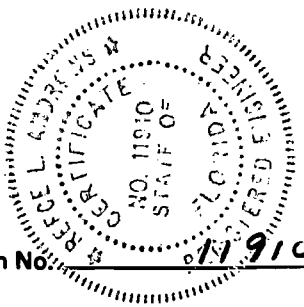
REECE L ANDREWS
Name (Please Type)

SHELL OIL COMPANY
Company Name (Please Type)

P.O. Box 1703 Atlanta, GA 30371
Mailing Address (Please Type)

Date: June 2, 1989 Telephone No. 404-955-4734

(Affix Seal)



Florida Registration No. 11910

¹See Section 17-2.02(15) and (22), Florida Administrative Code, (F.A.C.)

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.

Install an internal pan in tank #3

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction dependent on when permit is issued Completion of Construction ---

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.)

See attached sheets

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

A0 06-122611

E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? --- Yes X No

F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ; if power plant, hrs/yr --- ; if seasonal, describe: ---

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

Upgrade in Tank Change
in Emissions

1. Is this source in a non-attainment area for a particular pollutant?

N/A

a. If yes, has "offset" been applied?

N/A

b. If yes, has "Lowest Achievable Emission Rate" been applied?

N/A

c. If yes, list non-attainment pollutants.

N/A

2. Does best available control technology (BACT) apply to this source? If yes, see Section VI.

N/A

3. Does the State "Prevention of Significant Deterioration" (PSD) requirements apply to this source? If yes, see Sections VI and VII.

N/A

4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source?

N/A

5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source?

N/A

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

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) N/A

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

2. Product Weight (lbs/hr): _____

C. Airborne Contaminants Emitted: See attached sheets

Name of Contaminant	Emission ¹		Allowed Emission ² Rate per Ch. 17-2, F.A.C.	Allowable ³ Emission lbs/hr	Potential Emission ⁴		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	

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

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles ⁵ Size Collected (in microns)	Basis for Efficiency (Sec. V, It ⁵)

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 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)

⁵If Applicable

E. Fuels N/A

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

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, lbs/hr

Fuel Analysis:

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. Annual Average N/A Maximum N/A

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

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

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

Gas Flow Rate: _____ ACFM Gas Exit Temperature: _____ °F.

Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste N/A

Total Weight Incinerated (lbs/hr) N/A Design Capacity (lbs/hr) N/A

Approximate Number of Hours of Operation per day N/A days/week N/A

Manufacturer N/A

Date Constructed N/A Model No. N/A

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

Stack Height: N/A ft. Stack Diameter N/A Stack Temp. N/A

Gas Flow Rate: N/A ACFM N/A DSCFM* Velocity N/A 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) John Zinc Vapor Recovery Unit

Brief description of operating characteristics of control devices: _____

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

N/A

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight – show derivation.
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.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
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, etc.).
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).
6. An 8½" 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.
7. An 8½" 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).
8. An 8½" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

- 9. An application fee of \$20, unless exempted by Section 17-4.05(3), F.A.C. The check should be made payable to the Department of Environmental Regulation.
- 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.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

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
N/A	N/A

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy) Yes No

Contaminant	Rate or Concentration
N/A	N/A

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

Contaminant	Rate or Concentration
N/A	N/A

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

- 1. Control Device/System:
- 2. Operating Principles:
- 3. Efficiency: *
- 4. Capital Costs:
- 5. Useful Life:
- 6. Operating Costs:
- 7. Energy:
- 8. Maintenance Cost:
- 9. Emissions:

Contaminant	Rate or Concentration
N/A	N/A

*Explain method of determining D 3 above.

10. Stack Parameters N/A

- | | | | |
|---------------|------|-----------------|-----|
| 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. N/A

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy*:
- 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. N/A

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy**:
- h. Maintenance Costs:
- 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:

*Explain method of determining efficiency.

**Energy to be reported in units of electrical power – KWH design rate.

3. N/A

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Life:
- f. Operating Cost:
- g. Energy:
- h. Maintenance Cost:

*Explain method of determining efficiency above.

- 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. N/A

a. Control Device

b. Operating Principles:

c. Efficiency*:

d. Capital Cost:

e. Life:

f. Operating Cost:

g. Energy:

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: N/A

1. Control Device:

2. Efficiency*:

3. Capital Cost:

4. Life:

5. Operating Cost:

6. Energy:

7. Maintenance Cost:

8. Manufacturer:

9. Other locations where employed on similar processes:

a.

(1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

*Explain method of determining efficiency above. N/A

(7) Emissions*:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate*:

b.

(1) Company:

(2) Mailing Address:

(3) City:

(4) State:

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

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions*:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate*: N/A

10. Reason for selection and description of systems:

*Applicant 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

A. Company Monitored Data N/A

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.

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 N/A

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 N/A

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 N/A

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

E. Emission Data Used in Modeling N/A

Attach list of emission sources. Emission data required is source name, description on 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. N/A

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

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.

N/A

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.

TANK #3

INSTALLATION OF INTERNAL FAN

ASSUMPTIONS:COLUMN SUPPORTED FIXED ROOF - 7 COLUMNS IH
BOLTED DECK

RVP = 10.5 psi @ 100°F - SUMMER MONTHS

RVP = 13.5 psi @ 100°F - WINTER MONTHS

 $K_S = 1.0$ $D = 120 \text{ FT.}$ $Q = 1,461,875 \text{ Bbls.}$ $V = 9.2$ $M_V = 63$ $C = .0015$ $P^* = 0.18$ $K_C = 1.0$ $W_L = 5.6$ $F_F = 1000$ $K_D = .34$ $S_D = 0.20$ $F_C = 1.0$

TRUE V.P. = 7.7

$$L_R = K_S V^n P^* D M_V K_C$$

$$= (1.0)(9.2)^0 (.18)(120)(63)(1.0)$$

$$= 2056 \text{ lb/yr.}$$

$$L_W = \frac{(.943) Q C W_L}{D} + \left[1 + \frac{N_C F_C}{D} \right]$$

$$= \frac{(.943)(1,461,875)(.0015)(5.6)}{120} + \left[1 + \frac{(7)(1)}{120} \right]$$

$$= 102.11 \text{ lb/yr.}$$

$$L_F = F_F P^* M_V K_C$$

$$= (1000)(.18)(63)(1.0)$$

$$= 11,340 \text{ lb/yr.}$$

$$L_D = K_D S_D D^2 P^* M_V K_C$$

$$= (.34)(.20)[(120)^2](.18)(63)(1.0)$$

$$= 11,104 \text{ lb/yr.}$$

$$L_T = L_R + L_W + L_F + L_D$$

$$= 2056 + 102.11 + 11,340 + 11,104$$

$$= 24,602 \text{ lb/yr.}$$

TANK #3

1987 - JET - EMISSIONS = 1755 lb/yr

1989 - GASOLINE - EMISSIONS = 24,602 lb/yr

22,847 lb/yr

INCREASE

11 TPD

↓

ESTIMATE OF CONSTRUCTION COST

PROJECT P. EVERGLADES PLANT - & CONVERT TO MOEAS SERVICE	INSTALL INT. FL. ROOF IN TANK #3	ESTIMATE NO. ER-289-89
PREPARED BY G.H. Plummer, D.F.E.	DATE PREPARED 5/5/89	SHEET 1 OF 1

ITEM	NO. REQD.	DESCRIPTION	CAPITAL		EXPENSE		TOTAL COST
			UNIT	EXTENSION	UNIT	EXTENSION	
A.	1	ALUM. INT. FL. PAN FOR 120' Ø TANK INCL ROOF VENTS, OVER FLOW VENTS, SWING LIFT MODIFICATIONS - INSTALLED		70000			\$ 70000
B	All	REPAIR/REPLACE EXIST. APPURTENANCES				3000	\$ 3000
C		REROUTE CARGO LINE INCL. DISCONNECT FROM JET A LINE, EXTEND & TIE IN TO MOEAS CARGO LINE. EXCAVATION, HOT TRAPS, VALVES, FITTINGS, ETC.		12000		8000	\$ 20000
D		REROUTE/CONNECT DISCHARGE LINE TO MOEAS PUMP		5000			\$ 5000
E.		MISC. TANK REPAIRS, GRINDING OF SPALL INTERIOR, COLUMN STRAIGHTENING, ETC.				6000	\$ 6000
F.		ENERGY START COSTS		4000			\$ 4000
		SUB TOTAL		\$ 91000		\$ 17000	\$ 108000
G.		CONTINGENCY		9000		3000	12000
		TOTAL		100,000		20,000	\$ 120,000

NOTE: REPAINTING OF TANK NOT INCL. IN THIS SCOPE ESTIMATE.

BROWARD COUNTY ENVIRONMENTAL QUALITY CONTROL BOARD
500 S.W. 14TH COURT, FORT LAUDERDALE, FLORIDA 33315

TEL. NO. 765-4900

APPLICATION FOR POLLUTION CONTROL EQUIPMENT LICENSE

A FILING FEE OF \$20.00 MUST ACCOMPANY EACH APPLICATION. PLEASE MAKE CHECKS PAYABLE TO: BROWARD COUNTY BOARD OF COMMISSIONERS. THIS FILING FEE WILL BE APPLIED TO THE TOTAL LICENSE FEE WHICH WILL BE DUE PRIOR TO ISSUANCE OF LICENSE.

1. LICENSE TO BE ISSUED TO:

SHELL OIL COMPANY - PORT EVERGLADES PLANT

Business Name

P.O. BOX 1703

ATLANTA, GA

30371

Mailing Address

City

Zip

2. ADDRESS AT WHICH EQUIPMENT IS LOCATED: 909 S.E. 24TH STREET, FT. LAUDERDALE, FL 3330

3. MUNICIPALITY WHERE EQUIPMENT IS LOCATED: BROWARD COUNTY ENVIRONMENTAL QUALITY CONTROL BOARD

4. GENERAL NATURE OF BUSINESS: PETROLEUM STORAGE FACILITY

5. POLLUTION LICENSE ISSUED PREVIOUSLY? NO YES LICENSE NO. AO-41212R-3

6. PURSUANT TO PROVISIONS OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION AND REGULATIONS OF THE BROWARD COUNTY ENVIRONMENTAL QUALITY CONTROL BOARD, APPLICATION IS HEREBY MADE FOR AUTHORITY TO CONSTRUCT AND/OR OPERATE THE FOLLOWING EQUIPMENT:

EQUIPMENT DESCRIPTION: INSTALL INTERNAL PAN IN TANK #3

7. LICENSE REQUEST FOR

ESTIMATED
STARTING DATE

ESTIMATED
COMPLETION DATE

Construction or Installation

6/89

12/89*

Transfer of Operator, Owner Or Lessee

Transfer of Location

Existing Equipment

*DEPENDENT ON WHEN PERMIT IS ISSUED

8. TYPE OR PRINT NAME AND OFFICIAL TITLE OF PERSON SIGNING THIS APPLICATION. THIS PERSON MUST BE AN AUTHORIZED MEMBER OF THE OPERATING ORGANIZATION.

NAME: T. R. TURNER JR.

TITLE ENVIRONMENTAL ENGR.

PHONE NO. (404) 955-4635

9. SIGNATURE

T.R. Turner Jr.

DATE

4/14/89

THE LICENSE APPLICATION WILL NOT BE PROCESSED UNLESS PROPERLY COMPLETED.
\$20.00 MUST ACCOMPANY EACH APPLICATION.

BROWARD COUNTY POLLUTION CONTROL

500 S.W. 14th Court, Fort Lauderdale, Florida 33315

STORAGE TANK SUMMARY

(Fill out for each tank)

One copy of this form must be filled out completely and must accompany application form number PC-1

1. Business Name SHELL OIL COMPANY - PORT EVERGLADES FACILITY
2. Mailing Address P.O. BOX 1703
City ATLANTA, GEORGIA Zip 30371 3. Telephone (404)955-4635
4. Plant Location 909 S.E. 24TH STREET
City FORT LAUDERDALE, FLORIDA 5. Telephone (305) 525-5177
6. Tank Identification (No. or Name) SHELL OIL TANK NO. 3
7. Tank Capacity 96,500 Barrels (or) -- gallons
8. Tank Dimensions: Diameter, Ft. 120 Height, Ft. 48
Length, Ft. -- Width, Ft. --
9. Tank Shape: Cylindrical Spherical Other (Specify)
10. Tank Material: Steel Wood Other (Specify)
11. Tank Paint: Chalking White Light Grey or Blue LIGHT GREY
Aluminum Dark Color or no Paint
12. Tank Condition: Good Fair Poor
13. Year Constructed 1965
14. Type of Tank: Fixed Roof Floating Roof Internal Floating Roof
Pressure Open Top Internally Heated
Insulated Other
15. If Floating Roof, supply the following:
Roof Type: Double Deck Pontoon Other (Describe)

REQUEST PERMIT TO INSTALL INTERNAL PAN

Type of Seal: Single Double Other (describe) _____

*REQUEST PERMIT TO INSTALL DOUBLE SEAL

5(a) Type of Shell Construction: Riveted Welded Other (describe) _____

6. If tank has any other type of roof or cover or none at all, describe _____

TANK HAS CONE ROOF

7. Vent valve data: Indicate type, number, settings and vapor disposal

	Number	Pressure Setting	Vacuum Setting	Discharge to: (check)	
				Atmosphere	Vapor Control
Combination	_____	_____	_____	_____	_____
Pressure	_____	_____	_____	_____	_____
Vacuum	_____	_____	_____	_____	_____
Open	1	NO RESTRICTION	_____	X	_____

8. Name all liquids, gases, vapors or mixtures of such materials stored in this tank:

GASOLINE

Density lb/gal 6.5 (or) °API ---

9. Temperature at which above material is stored in tank:

Minimum 70° F, Average 78° F; Maximum 80 +F

10. If material stored is a petroleum product or other organic material, supply following for each material: (Attach additional sheets if necessary)

SUMMER - REID V.P. = 10.5 PSI @ 100°F

Vapor pressure -- lbs Reid (or) -- psia at -- F

WINTER - REID V.P. = 13.5 PSI @ 100°F

Initial boiling point --- F For heavy petroleum products only,

Flash Point MIN-40 F (AT LEAST -40°F OR ABOVE)

11. Operational Data

Maximum filling rate 5000 barrels per hour (or) --- gallons per hour

Average outage: (Average distance from top of tank shell to liquid surface)

N/A Ft.

Average throughput 4,005 barrels per day (or) -- gallons per day

*BASED ON SUPER UNLEADED BEING IN TANKS 3, 8 & 9

22. If material stored is a solution supply the following:

Name of solvent N/A Name of material dissolved N/A

Concentration of material dissolved N/A % by weight (or)

N/A % by volume (or) N/A lb/gal

23. If material stored is a gas or a liquified gas which is not a petroleum product, supply the following:

Identify material N/A Stored at N/A psig at N/A °F

REFINING & MARKETING ORGANIZATION

DELEGATION OF CORPORATE AUTHORITY

ENVIRONMENTAL PROTECTION AGENCIES

General Managers

Retail Marketing Managers - Eastern, Western, and Mid-Continent

Manager Supply - Eastern Region

Manager Products Distribution - Supply & Transportation

Products Distribution Area Managers

Products Distribution Plant Managers/Superintendents/Foremen (a)

Manager Manufacturing Complex and Refinery

Manager Marketing Engineering (b)

Manager Environmental - Marketing Engineering (b)

Products Distribution Area Facilities Managers (b)

Products Distribution Area Health, Safety & Environmental Managers (b)

Superintendent Health, Safety & Environmental - Deer Park (b)

Superintendent Environmental Conservation/Utilities (b)

Superintendent Operations - Odessa (b)

Manager Environmental Conservation - Anacortes, Martinez, Norco,
Wilmington (b)

Manager Health, Safety, Environment and Quality Assurance - Metairie (b)

Environmental Engineer - Sewaren (c)

Marketing Retail District - Engineers (c)

Marketing Retail District - Managers (e)

Superintendent Terminal Operations - Domestic Raw Material Supply (d)

Each of the above, now or hereafter appointed, representative of the Refining and Marketing Organization is hereby authorized, in behalf of the Company, but in the name of either the Company or Shell Chemical Company, and in compliance with any law, ordinance, regulation, rule, or order of any Governmental authority (whether Federal, State, District of Columbia, or local) relating to control, protection, or improvement of the environment:

- 1) to execute application forms for permits required by regulations which apply to National Pollutant Discharge Elimination Systems (NPDES), Underground Injection Control (UIC), Resource Conservation and Recovery Act (RCRA), and the State Dredge and Fill Programs under the Clean Water Act (CWA).
- 2) to execute and deliver applications to any such Governmental Authority, in such forms as may be prescribed or permitted by it, for authority or permission to construct, modify, and/or

operate any equipment or facilities for control, protection, and/or improvement of the environment, located, or to be located, at any of the Company's complexes, refineries, chemical plants, other manufacturing plants, distribution terminals or plants, service stations, or other installations, except, and does not include, signatory authority for permits, as outlined in 1) above.

- 3) to approve the provisions of any compliance program project-completion scheduled, or similar document relating to construction, modification and/or operation of any such equipment or facilities.
- 4) to execute and deliver any other documents and do any other acts in connection with the foregoing, as such officer or agent may deem advisable.
- 5) to execute all reports required by permits.

- (a) Except for Swaren and Metairie Plant Managers, plant managers, superintendents, and foremen authority is limited to Item 5 above.
- (b) Delegation of Authority limited to Items 2 through 5 above.
- (c) Delegation of Authority limited to Items 2 and 5 above.
- (d) Delegation of Authority limited to Item 5 above.
- (e) Delegation of Authority limited to Items 2, 4 and 5 above.

Granted under the authority for redelegation given me by the Executive Vice President - Products in his memorandum dated August 8, 1983.

Signed: *J.B. Richards*
 Vice President - Refining & Marketing

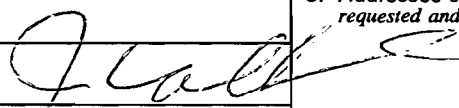
Dated: *5/17/86*

RM-10R1 (Replaces RM-10)

NOTE: Any questions regarding the above authorities should be directed to the Financial Manager - Manufacturing Financial Support - Manufacturing & Technical.

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: Mr. Reece L. Andrews, P.E. Shell Oil Company P. O. Box 1703 Atlanta, GA 30371	4. Article Number P 938 762 588 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 Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X	
7. Date of Delivery JUN 20 1989	

PS Form 3811, Mar. 1988 * U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

P 938 762 588

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to	
Mr. Reece L. Andrews, Shell Oil	
Street and No.	
P.O. Box 1703	
P.O., State and ZIP Code	
Atlanta, Georgia 30371	
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	
Mailed: 7-14-89	

PS Form 3800, June 1985



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twächtmann, Secretary

John Shearer, Assistant Secretary

June 14, 1989

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Reece L. Andrews, P.E.
Health, Safety and Environmental Manager-East
Shell Oil Company
Post Office Box 1703
Atlanta, Georgia 30371

Dear Mr. Andrews:

The applications you submitted to the Department of Environmental Regulation on June 9, 1989, are being returned to you along with the two \$20 checks for the processing fees. On October 3, 1988 the Department adopted a new permit application fee schedule, and according to 17-4.050 Florida Administrative Code (copy enclosed), we cannot begin processing these applications until the correct fee is received. Also enclosed for your information and future use are copies of current air construction/operation application forms and Chapter 17-2, F.A.C.

A review of the application for the tank #3 internal pan indicates that the processing fee for that source would be \$200; however, we were not able to ascertain the appropriate fee for the vapor recovery unit from the information submitted in the application. Please call Bill Thomas at (904)488-1344 for assistance in determining the fee for that source. We will make every effort to expedite the processing of these applications as soon as they are resubmitted with the correct fees.

Sincerely

Patricia G. Adams

Patricia G. Adams

Planner

Bureau of Air Quality

Management

Enclosures

cc: Bill Thomas BAQM
T. R. Turner, Jr., Shell Oil Company
Daniela Banu, Broward County EQCB