



Texas State Department of Health

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COMMISSIONER OF HEALTH

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ROYCE E. WISEBAKER, M. S. ENG.

December 15, 1972

Mr. E. A. Pavelka
Suntide Refining Company
Viola Road
P. O. Box 2608
Corpus Christi, Texas 78403

Dear Mr. Pavelka:

We transmit herewith Radioactive Material License No. 10-322, Am. 6, in response to your application initiated on December 12, 1972.

We request that you carefully read and note the conditions of your license and applicable sections of the Texas Regulations for Control of Radiation. You are expected to comply with the conditions of your license and the Regulations.

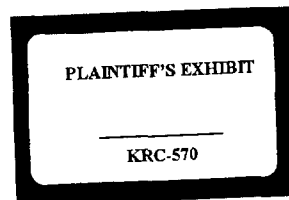
We call your attention specifically to Section 21.403 of the Regulations. This section sets forth requirements for telephone and telegraph notification to the Agency in the event of a radiation accident or incident. Telephone communications should be directed to a staff member of the Division of Occupational Health and Radiation Control as shown on the enclosed telephone information sheet.

If we may be of assistance to you in your radiation safety program, please let us know.

Sincerely,


Joseph E. Gorrell

Supervisor of Licensing
Radiation Control Program
Division of Occupational Health
and Radiation Control



S (B) 00079



Texas State Department of Health

JAMES E. PEAVY, M.D., M.P.H.
COMMISSIONER OF HEALTH

FRATIS L. DUFF, M.D., Dr. P.H.,
DEPUTY COMMISSIONER

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JESS WAYNE WEST, R. PH.
ROYCE E. WISENBAKER, M. S. ENG.

August 15, 1973

Mr. E. A. Pavelka
Suntide Refining Company
Viola Road
P. O. Box 2608
Corpus Christi, Texas 78403

Dear Mr. Pavelka:

We transmit herewith Radioactive Material License No. 10-322, Am. 7, in response to your application initiated on August 9, 1973.

We request that you carefully read and note the conditions of your license and applicable sections of the Texas Regulations for Control of Radiation. You are expected to comply with the conditions of your license and the Regulations.

We call your attention specifically to Section 21.403 of the Regulations. This section sets forth requirements for telephone and telegraph notification to the Agency in the event of a radiation accident or incident. Telephone communications should be directed to a staff member of the Division of Occupational Health and Radiation Control as shown on the enclosed telephone information sheet.

If we may be of assistance to you in your radiation safety program, please let us know.

Sincerely,



Joseph E. Gorrell
Supervisor of Licensing
Radiation Control Program
Division of Occupational Health
and Radiation Control

S (B) 00080

TEXAS STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIAL LICENSE

Supplementary Sheet

Suntide Refining Company
Viola Road
Corpus Christi, Texas 78403
(P. O. Box 2608)

License No. 10-322
AMENDMENT NO. 7

In accordance with letter dated August 9, 1973, signed by E. A. Pavelka,
License No. 10-322 is hereby amended as follows:

To extend the expiration date, Item 4, from August 31, 1973 to August 31,
1976.

S (B) 00081

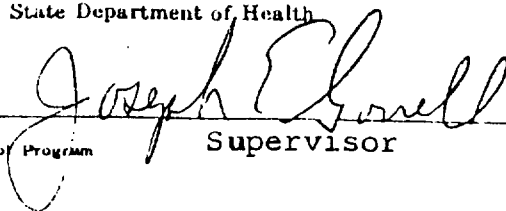
For the Texas State Department of Health

Date

AUG 15 1973

Licensing
Radiation Control Program

Supervisor



TEXAS STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIAL LICENSE

Supplementary Sheet

Sun Oil Company of Pennsylvania
Viola Road
Corpus Christi, Texas 78403
(P.O. Box 2608)

License No. 10-322
AMENDMENT NO. 8

In accordance with letter dated February 27, 1976, signed by Otis Willer, License No. 10-322 is hereby amended as follows:

To change Item 1, the name, to read as above.

To extend the expiration date, Item 4, from August 31, 1976 to August 31, 1979.

To change Condition 11 to read:

11. Radioactive material shall be used by, or under the supervision of, individuals designated by Otis Willer, the Radiation Safety Officer.

S (B) 00082

For the Texas State Department of Health

Joseph L. Goull
Licensing
Radiation Control Branch

Chief

Date MAR - 5 1976

TEXAS STATE DEPARTMENT OF HEALTH

RADIOACTIVE MATERIAL LICENSE AMENDMENT NO. 9

Pursuant to the Texas Radiation Control Act and Texas State Department of Health regulations on radiation, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Texas State Department of Health, now or hereafter in effect and to any conditions specified below.

LICENSEE

1. Name Sun Oil Company of Pennsylvania

2. Address Viola Road
Corpus Christi, Texas 78403
(P.O. Box 2608)

In accordance with letter dated July 1, 1976

3. License No. 10-322 is hereby amended in its entirety to read as follows:

5. Radioactive material
(element and mass number)

(See page 2)

6. Chemical and/or
physical form

(See page 2)

7. Maximum amount of radioactivity
which licensee may possess at
any one time

(See page 2)

4. Expiration date August 31, 1979

8. Authorized use

(See page 2)

CONDITIONS

9. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
10. The licensee's Varian Aerograph Model 02-104 Gas Chromatograph shall be stored and used at the licensee's facility located at Suntide Road, Corpus christi, Texas.
11. The licensee shall comply with the provisions of Part 21, "Standards for Protection Against Radiation" and Part 41, "Licensing and Registration" of the Texas Regulations for Control of Radiation.
12. Radioactive material shall be used by, or under the supervision of, individuals designated by E. A. Pavelka, the Radiation Safety Officer.
13. The licensee shall not open or remove sealed sources containing radioactive material from their respective source holders.

(Conditions continued on page 3)

TEXAS STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIAL LICENSE

Supplementary Sheet

License No. 10-322
AMENDMENT NO. 9

5. Radioactive material (element and mass number)	6. Chemical and/or physical form	7. Maximum amount of radioactivity which licensee may possess at any one time
A. Cobalt 60	A. Sealed Sources (Ohmart Corp. Model LAB-238A)	A. Six (6) sources not to exceed 16 milli- curies each. Total: 90 millicuries
B. Cesium 137	B. Sealed Source	B. One (1) source not to exceed 2 milli- curies.
C. Hydrogen 3	C. Metallic Foils (Radium Corp. LAB-508-3)	C. Two (2) foils not to exceed 250 milli- curies each.

8. Authorized use:

- A. To be used in two Ohmart Corporation level detecting assemblies to detect and indicate coke and coke froth level in two coking chambers.
- B. For use in Computer Measurements, Inc. Model 710 Portable Densometer.
- C. For use in Varian Aerograph Model 02-104 detector cell in gas chromatography.

(See Conditions on page 3)

#S(B) 00086

TEXAS STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIAL LICENSE

Supplementary Sheet

Conditions continued:

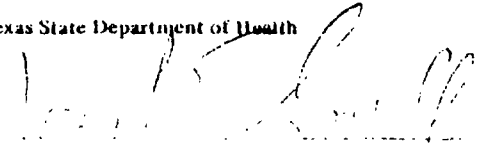
License No. 10-322
AMENDMENT NO. 9

14. Sealed sources of radioactive material, Nickel 63 foil, and/or plated alpha emitting sources shall be tested for leakage and/or contamination in accordance with the provision of Section 41.73 of the Texas Regulations for Control of Radiation.
15. Detector cells containing Hydrogen 3 foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperature from exceeding 225 degrees Centigrade.
16. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in TRC Part 21, "Standards for Protection Against Radiation", Section 21.203(a)(1), the licensee is hereby authorized to label detector cells and cell baths, containing radioactive material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.
17. Installation, relocation, maintenance, repair and initial radiation survey of devices containing radioactive material and installation, replacement and disposal of sealed sources containing radioactive material used in devices shall be performed only by Ohmart Corporation or other persons specifically authorized by the Agency, another Agreement State of the U.S. Nuclear Regulatory Commission to perform such services.
18. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in application dated May 17, 1963 and all correspondence amending the application which results in an amendment to the license.

S (B) 00087

For the Texas State Department of Health

Date JUL 22 1976



Radiation Control Branch

Chief

TEXAS STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIAL LICENSE

Supplementary Sheet

Suntide Refining Company
Suntide Road
Corpus Christi, Texas 78403

License No. 10-1229
AMENDMENT NO. 3

In accordance with letter dated July 1, 1976, signed by E. A. Pavelka,
License Number 10-1229 is hereby terminated effective on the date shown
below.

S (B) 00088

For the Texas State Department of Health

Date _____

Licensing
Radiation Control Branch

Joseph C. Howell Chief



TEXAS DEPARTMENT OF HEALTH
RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 Pages

Supplementary Sheet

LICENSE NUMBER	AMENDMENT NUMBER
8-322	10

un Petroleum Products Company
Corpus Christi Refinery
ATTN: Ed Pavelka
P.O. Box 2608
Viola Road
Corpus Christi, Texas 78403

In accordance with letter dated August 23, 1979, signed by Ed Pavelka, License No. 8-322.

To change Item 1, the name, to read as above.

To change Item 3, the license number, from 10-322 to 8-322 as shown above.

To extend the expiration date, Item 4, from September 31, 1979 to September 31, 1982.

To change Part A of Item 8 to read:

3. A. Coke level measurements in Ohmart Corp. source holder as per Drawing B-1142.

SEP 10 1979

Date _____

FOR THE TEXAS DEPARTMENT OF HEALTH

Joseph C. Smith
Chief of Licensing
Radiation Control Branch

S (B) 00089



Texas Department of Health

Raymond T. Moore, M.D.
Commissioner

Philip W. Mallory, M.D.
Deputy Commissioner

1100 West 49th Street
Austin, Texas 78756
458-7111

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Bob D. Glaze
Blanchard T. Hollins
Donald A. Horn
Maria LaMantla
Philip Lewis
Ray Santos

SEP 10 1979

Sun Petroleum Products Company
Corpus Christi Refinery
ATTN: Ed Pavelka
P.O. Box 2608
Viola Road
Corpus Christi, Texas 78403

Dear Mr. Pavelka:

We transmit herewith Radioactive Material License No. 8-322, Am. 10 in response to your application initiated on August 23, 1979.

We request that you carefully read and note the conditions of your license and applicable sections of the Texas Regulations for Control of Radiation. You are expected to comply with the conditions of your license and the Regulations.

We call your attention specifically to Section 21.403 of the Regulations. This section sets forth requirements for telephone and telegraph notification to the Agency in the event of a radiation accident or incident. (See enclosed information sheet.)

If we may be of assistance to you in your radiation safety program, please let us know. For licensing information a member of the licensing staff should be contacted. For information concerning inspection of your facility or for the reporting of accidents or incidents, a member of the compliance staff should be contacted.

Sincerely,

Joseph E. Gorrell
Chief of Licensing and Registration
Radiation Control Branch
Division of Occupational Health
and Radiation Control

S (B) 00091



Texas Department of Health

Robert Bernstein, M.D., F.A.C.P.
Commissioner

1100 West 49th Street
Austin, Texas 78756
(512) 458-7111

A. M. Donnell, Jr., M.D., M.P.H., F.A.C.P.
Deputy Commissioner

May 23, 1980

Mr. Ed Pavelka
Sun Petroleum Products Company
Corpus Christi Refinery
P. O. Box 2608
Viola Road
Corpus Christi, Texas 78403

Dear Mr. Pavelka:

After reviewing the report of the inspection conducted by Mr. Terry Krey on April 23, 1980, we are pleased to advise that your radiation protection program with regard to the records reviewed and procedures observed appears to be in compliance with the applicable Texas Regulations for Control of Radiation pertaining to your License Number 8-322.

Thank you for your cooperation and assistance during the inspection.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard A. Ratliff".

Richard A. Ratliff, P.E., Chief
Compliance and Inspection
Radiation Control Branch
Division of Occupational Health
and Radiation Control

S (B) 00092

9/10/73, 5/24/73, 5/26/76, 4/3/78, 5/2/78, 12/4/78,
4/7/79, and 3/13/81

ne

Contract for Service with Southwestern Bell
Telephone Company, dated 2/21/80

E. FIELD CONTRACTS

1. Vendor Contracts

Weed

Miscellaneous Purchase Orders and Contract Releases

1978 Miscellaneous Purchase Orders and Contract
Releases

1979 Miscellaneous Purchase Orders and Contract
Releases

1980 Miscellaneous Purchase Orders and Contract
Releases

1981 Miscellaneous Purchase Orders and Contract
Releases

Cumene Construction Contact with DM International, Inc.,
dated 2/15/80

Flint

Nitrogen Supply Agreement with Air Products and
Chemicals, Inc., dated 3/81

2. Professional Services

Weed

Consulting Service Agreement with The Pace Company
Consultants and Engineers, Inc., dated 12/24/80

Consulting Engineering Agreement with Law Engineering
Testing Company, dated 11/19/80

Consulting Engineering Agreement with Engineering
Science of Texas, dated 5/22/81

Consulting Engineering Agreement with Engineering
Science of Texas, dated 8/3/79

Consulting Engineering Agreement with Engineering
Science of Texas, dated 9/30/77

. Weed



Professional Service Agreement with Richard Romero,
M.D., dated 10/26/76 as amended on 10/18/77,
9/26/78, 10/9/79, and 10/10/80

Chemical Disposal Agreement with Texas Ecologists, Inc.,
dated 1/16/81

Chemical Disposal Agreement with Chemical Waste
Management, Inc., dated 3/9/81

3. Guard, Word Processing and Field Service Contracts

one

Guard Agreement with Burns International Security
Service, Inc., dated 5/7/80

one

CPT Word Processing Lease/Purchase with Patterson's,
Inc., dated 2/79

one

Field Service Contract with Coastal Aqua Chem Inc.,
dated 4/21/81

. Fidler/
. Ratliff

Leases for Leased Computer Hardware Listed on
Schedule 6

4. Leases of the following automobiles owned by
Penske Leasing:

. Weed

1978 Ford
1978 Chevy
1980 Chevy
1981 Chevy (2)

F. GOVERNMENTAL LICENSES AND PERMITS

1. Environmental Permits

Governmental
Authorities

I.D. Registration/
Permit No.

L. Beck



U.S. Environmental
Protection Agency

Permit No. TX0006289

U.S. Environmental
Protection Agency

Permit No. PSD-TX-56

U.S. Environmental
Protection Agency

I.D. No. TXDO88474663



SUNTIDE REFINING COMPANY POST OFFICE BOX 2608, CORPUS CHRISTI, TEXAS 78403



December 12, 1972

Dear Sir:

Please accept this letter of application from Suntide Refining Co. to license one Portable Densometer. Densometer is presently licensed in the state of California. License No. is GL-1857-59 in the name of Computer Measurements, Inc. This Densometer is on loan to Suntide Refining Co. and will be purchased by them. Equipment is to be used to check liquid levels in Receivers and Towers at Suntide Refinery. Equipment Nomenclature is as follows.

Model No.: 710.

Serial No.: 7022.

Radioactive Material: Isotope Cs 137, Millicuries 2.

Date of Source Installation: 7/2/70.

Men responsible will be, Tom Warner, Mike May, Tony McCain, Erwin Balusek. Densometer will be stored in Process Engineering Department at Suntide Refinery.

Licensee will be: Suntide Refining Company
Viola Road
P.O. Box 2608
Corpus Christi, Texas 78403

If any additional information is needed please contact me.

Thank You

E.A. Pavelka

E.A. Pavelka

S(B) 00078