

**APPLICATION FOR BYPRODUCT MATERIAL LICENSE
INDUSTRIAL**

1. APPLICATION FOR:
(Check and/or complete as appropriate)

New License

☒ a. NEW LICENSE

b. AMENDMENT TO:
LICENSE NUMBER

34-09907

c. RENEWAL OF:
LICENSE NUMBER

28406
30-~~XXXXXX~~

See attached instructions for details.

Completed applications are filed in duplicate with the Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety, and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555 or applications may be filed in person at the Commission's office at 1717 H Street, NW, Washington, D. C. or 7915 Eastern Avenue, Silver Spring, Maryland.

2. APPLICANT'S NAME (Institution, firm, person, etc.)

Gulf Oil Company - GOPRO
Cincinnati Refinery

TELEPHONE NUMBER: AREA CODE - NUMBER EXTENSION

(513) 353-5000

3. NAME AND TITLE OF PERSON TO BE CONTACTED
REGARDING THIS APPLICATION

G.L. Evans Supvr. Accident Prevent.

TELEPHONE NUMBER: AREA CODE - NUMBER EXTENSION

(513) 353-5047

4. APPLICANT'S MAILING ADDRESS (Include Zip Code)

(Address to which NRC correspondence, notices, bulletins, etc., should be sent.)

P.O. Box 7 Cleves, Ohio 45002

5. STREET ADDRESS WHERE LICENSED MATERIAL WILL BE USED
(Include Zip Code)

P.O. Box 7 Cleves, Ohio 45002

03124

(IF MORE SPACE IS NEEDED FOR ANY ITEM, USE ADDITIONAL PROPERLY KEYED PAGES.)

6. INDIVIDUAL(S) WHO WILL USE OR DIRECTLY SUPERVISE THE USE OF LICENSED MATERIAL

(See Items 16 and 17 for required training and experience of each individual named below)

FULL NAME	TITLE
a. Charles Ferdinand Acore	Manager Operations & Maintenance
b. Kenneth Robert McNeill	Supervisor - Laboratory
c. Kenneth Paul Hake	Refinery Inspector - Alternate radiation safety officer

7. RADIATION PROTECTION OFFICER

Gary Lee Evans

Attach a resume of person's training and experience as outlined in Items 16 and 17 and describe his responsibilities under Item 15.

8. LICENSED MATERIAL

L I N E NO.	ELEMENT AND MASS NUMBER A	CHEMICAL AND/OR PHYSICAL FORM B	NAME OF MANUFACTURER AND MODEL NUMBER (If Sealed Source) C	MAXIMUM NUMBER OF MILLICURIES AND/OR SEALED SOURCES AND MAXIMUM ACTI- VITY PER SOURCE WHICH WILL BE POSSESSED AT ANY ONE TIME D
(1)	Americium-241	Sealed source	Amersham type X-12 capsule	1 Source 300 millicuries
(2)				
(3)	8506170256 REG3 LIC30 34-09907-03	850531 PDR		
(4)				

DESCRIBE USE OF LICENSED MATERIAL
E

- (1) This source is contained in an analytical instrument used to measure
- (2) sulfur in hydrocarbons. The instrument was developed by Gulf Research
- (3) and Development Company. Attachment I is the radiationsafety evalu-
- (4) ation.

9. STORAGE OF SEALED SOURCES

LINE NO.	CONTAINER AND/OR DEVICE IN WHICH EACH SEALED SOURCE WILL BE STORED OR USED.	NAME OF MANUFACTURER	MODEL NUMBER
	A.	B.	C.
(1)	See Item 8		
(2)			
(3)			
(4)			

10. RADIATION DETECTION INSTRUMENTS

LINE NO.	TYPE OF INSTRUMENT	MANUFACTURER'S NAME	MODEL NUMBER	NUMBER AVAILABLE	RADIATION DETECTED (alpha, beta, gamma, neutron)	SENSITIVITY RANGE (milliroentgens/hour or counts/minute)
	A	B	C	D	E	F
(1)	Not applicable					
(2)						
(3)						
(4)						

11. CALIBRATION OF INSTRUMENTS LISTED IN ITEM 10

<input type="checkbox"/> a. CALIBRATED BY SERVICE COMPANY NAME, ADDRESS, AND FREQUENCY Not applicable	<input type="checkbox"/> b. CALIBRATED BY APPLICANT Attach a separate sheet describing method, frequency and standards used for calibrating instruments.
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12. PERSONNEL MONITORING DEVICES

TYPE (Check and/or complete as appropriate.) A	SUPPLIER (Service Company) B	EXCHANGE FREQUENCY C
<input type="checkbox"/> (1) FILM BADGE <input type="checkbox"/> (2) THERMOLUMINESCENCE DOSIMETER (TLD) <input type="checkbox"/> (3) OTHER (Specify): _____ _____ _____	Not applicable	<input type="checkbox"/> MONTHLY <input type="checkbox"/> QUARTERLY <input type="checkbox"/> OTHER (Specify): _____ _____ _____

13. FACILITIES AND EQUIPMENT (Check where appropriate and attach annotated sketch(es) and description(s).)

- ☐ a. LABORATORY FACILITIES, PLANT FACILITIES, FUME HOODS (Include filtration, if any), ETC.
☐ b. STORAGE FACILITIES, CONTAINERS, SPECIAL SHIELDING (fixed and/or temporary), ETC.
☐ c. REMOTE HANDLING TOOLS OR EQUIPMENT, ETC.
☐ d. RESPIRATORY PROTECTIVE EQUIPMENT, ETC.

Not Applicable

14. WASTE DISPOSAL

a. NAME OF COMMERCIAL WASTE DISPOSAL SERVICE EMPLOYED

None will be generated

b. IF COMMERCIAL WASTE DISPOSAL SERVICE IS NOT EMPLOYED, SUBMIT A DETAILED DESCRIPTION OF METHODS WHICH WILL BE USED FOR DISPOSING OF RADIOACTIVE WASTES AND ESTIMATES OF THE TYPE AND AMOUNT OF ACTIVITY INVOLVED. IF THE APPLICATION IS FOR SEALED SOURCES AND DEVICES AND THEY WILL BE RETURNED TO THE MANUFACTURER, SO STATE.

When or if the instrument is no longer needed, it, with the source in place, will be shipped to a licensee authorized to remove such sources. The source would then be returned to the source manufacturer. (Amersham)

INFORMATION REQUIRED FOR ITEMS 15, 16 AND 17

Describe in detail the information required for Items 15, 16 and 17. Begin each item on a separate page and key to the application as follows:

15. **RADIATION PROTECTION PROGRAM.** Describe the radiation protection program as appropriate for the material to be used including the duties and responsibilities of the Radiation Protection Officer, control measures, bioassay procedures (if needed), day-to-day general safety instruction to be followed, etc. If the application is for sealed source's also submit leak testing procedures, or if leak testing will be performed using a leak test kit, specify manufacturer and model number of the leak test kit.
16. **FORMAL TRAINING IN RADIATION SAFETY.** Attach a resume for each individual named in Items 6 and 7. Describe individual's formal training in the following areas where applicable. Include the name of person or institution providing the training, duration of training, when training was received, etc.
 - a. Principles and practices of radiation protection.
 - b. Radioactivity measurement standardization and monitoring techniques and instruments.
 - c. Mathematics and calculations basic to the use and measurement of radioactivity.
 - d. Biological effects of radiation.
17. **EXPERIENCE.** Attach a resume for each individual named in Items 6 and 7. Describe individual's work experience with radiation, including where experience was obtained. Work experience or on-the-job training should be commensurate with the proposed use. Include list of radioisotopes and maximum activity of each used.

18. CERTIFICATE

(This item must be completed by applicant)

Applicant	J. Evans
Check No.	142-20416370
Amount/Fee Category	370.00 (140)
Type of Fee	APPRO
Date Check Rec'd	3/27/85
Received By

The applicant and any official executing this certificate on behalf of the applicant named in Item 2, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Part 30, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

WARNING.—18 U.S.C., Section 1001; Act of June 25, 1948; 62 Stat. 749; makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

a. LICENSE FEE REQUIRED
(See Section 170.31, 10 CFR 170)

b. CERTIFYING OFFICIAL (Signature)

c. NAME (Type print)

Gary L. Evans

d. TITLE

Supervisor-Accident Prevention & Security

e. DATE

March 1, 1985

Byproducts material license

(1) LICENSE FEE CATEGORY:

3M

(2) LICENSE FEE ENCLOSED: \$

370.00

LIST OF ATTACHMENTS

- ATTACHMENT I RADIOLOGICAL SAFETY Gulf Sulphur Analyzer
- II RADIATION PROTECTION PROGRAM Cincinnati Refinery
- III Resume for Kenneth Paul Hake
- IV Resume for Gary Lee Evans
- V Resume for Charles Ferdinand Acore
- VI Course outline Radiation Safety Training
- VII Course outline Radiation Protection Officers Training Course
- VIII Certificate of Training RADIATION SAFETY
- IX Letter of confirmation Kenneth Robert McNeill

Gulf Research & Development Company

P. O. Drawer 2038, Pittsburgh, PA 15230

ATTACHMENT I

RADIOLOGICAL SAFETY

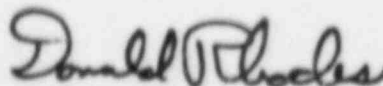
Gulf Sulphur Analyzer

The Gulf sulphur analyzer contains a 300-millicurie sealed source of americium-241. Since the radioactive americium-241 is sealed in double stainless steel capsules, there is very little risk of accidental release. To further insure against the possible release of radioactive material, the sealed radioactive source is tested for leakage at three month intervals.

The radioactive source capsule is surrounded by steel which shields the user from radiation exposure. Radiation dose rates on the surface of the instrument are less than 0.5 millirems/hr so there will be no significant radiation exposure to individuals using the instrument or working in the area where the instrument is used or stored. Furthermore, it is not necessary for individuals operating the instrument to use radiation monitoring devices.

The radioactive source is secured against unauthorized removal from the instrument by means of a padlock. Removal of the source from the shielded source housing will not generally be necessary even when making repairs.

Therefore, the Gulf sulphur analyzer is considered to be one of the safer instruments found in the laboratory and no unusual precautions are required in connection with its use.



Donald Rhodes
Radiological Safety Officer



ATTACHMENT II

RADIATION PROTECTION PROGRAM
Cincinnati Refinery

A sulfur analyzer located in Building 543, Room (Analytical) contains a sealed source containing 300 millicuries of Americium-124. The instrument has been certified as to safety by Dr. Donald Rhodes of Gulf Research and Development Company. Under no condition is the padlocked chamber to be opened. The source is to be leak tested every three months. If the leak test indicates activity greater than .005 microcuries the instrument will be wrapped in plastic sheeting. Disposal decontamination and source replacement will be contracted to someone holding a license to conduct such activities.

In case of emergency, contact G.L. Evans, Phone (513) 353-5047.

A copy of NRC form 3 will be posted in the laboratory along with a notice indicating where the license and applicable regulation can be examined.

Mason Mournig
M.P. Mournig
Refinery Manager

KENNETH P. HAKE
623 Gilbert Street
Castle Rock, CO. 80104
(303) 688-4932 (Home)
(303) 759-6643 (Office)

ATTACHMENT III

POSITION OBJECTIVE: To apply skills in industrial safety, fire protection, and physical security at the corporate level. Initiate training and audit programs in these areas.

PROFESSIONAL CAREER: Twenty-five years industrial experience. Most recent seven years experience in developing and applying such industrial programs as safety, fire protection, first aid, industrial hygiene, and physical security.

SOME MAJOR ACCOMPLISHMENTS

SUPERVISION

- o Administered and coordinated plant physical security effort during 11 week union strike. Resulted in maximum harmony between strikers and company during time of major unrest at other struck locations. Developed, organized, coordinated, and audited health, safety, industrial hygiene, hazards evaluation, fire protection and security programs in mining and refining industries. Applied hazards evaluation technique to safety design of new synfuels plant. Supervised maintenance program in chemical industry.

TRAINING

- o Directed and instructed industrial and community fire fighting and first-aid training sessions. Directed industrial fire and safety training program which resulted in 1½ million man hours with no loss of time.

PROGRAM SOLVING
AND TROUBLE
SHOOTING

- o Developed safe work procedures for use in mining industry. Developed computer program for use in corporate statistic reporting. Inspected plant mechanical and process equipment routinely for safe operation and maintainability which resulted in the prevention of plant shutdown. Applied industry and code standards for plant maintenance and management.

SELF-EMPLOYED

Applied effective business planning and organizing skills to the management of a hog farm.

CAREER
EXPERIENCES

1975 - Present GULF OIL CORPORATION, Denver, Colorado;
Englewood, Colorado; and Cincinnati, Ohio.
Operated coal and uranium mines and

conducted minerals exploration activities. SAFETY ENGINEER. Developed safe work procedures and conducted safety reviews of coal and uranium mines. SUPERVISOR OF HEALTH AND SAFETY. Administered fire protection, hazards evaluation, health, and safety programs. STATIONARY ENGINEER.

1973 - 1974 SELF-EMPLOYED, Moores Hill, Indiana. Owned and managed a hog farm.

1968 - 1973 EMERY INDUSTRIES, INC., Cincinnati, Ohio. Produced fatty-acid derived products for industry. MAINTENANCE AND POWER PLANT SUPERVISOR. Supervised 10 employees in plant maintenance program and 20 power plant employees. Directed site fire protection and physical security programs.

EDUCATION

1951 - 1955 University of Kentucky, Lexington, Kentucky Mechanical Engineering Curriculum.

1960 - 1961 University of Cincinnati, Cincinnati, Ohio. Related mathematics courses. (10 hours)

ADDITIONAL COURSEWORK

1964 - Present Computerized data programming (40 hours). Noise Measurement and Control in Mining (24 hours). Industrial fire fighting school (96 hours). Municipal fire fighting, emergency response, and hazardous materials emergencies courses (72 hours). Industrial hygiene training courses (92 hours). Supervisory seminars (28 hours). University of Cincinnati - Stationary Engineer license (Home study and O.J.T.) Red Cross first aid instructor and CPR instructor courses (37 hours). DOT Emergency Medical Technician Course (81 hours). Six various technical seminars (combustion, clean room procedures, tank cleaning, and electronic controls).

COMMUNITY ACTIVITIES

President of community Emergency Unit. Assistant fire chief of community volunteer fire department.

REFERENCES

Will be furnished upon request.

RESUME

ATTACHMENT IV

GARY L. EVANS,
9709 Mt. Nebo Road,
North Bend, Ohio, 45052
Telephone: (513) 941-4659

PERSONAL DATA

Birth Date: July 18, 1946
Married with 2 children
Honorable Military Discharge

Good Health
Height: 6'2" Weight 185 lbs.
Interests: Camping, bicycling,
volunteer work

EDUCATION

Graduated - Taylor High School (1964)
Graduated - University of Cincinnati (1980)
Degree: Associate in Applied Science, Fire Science
Graduated - University of Cincinnati (1984)
Degree: Bachelor of Science, Fire and Industrial Safety Technology

CERTIFICATES

Red Cross First Aid Instructor
Red Cross C.P.R. Instructor
Ohio Emergency Medical Technician
Texas A & M Fire School
National Foam Fire School
Presently preparing for Certified Safety Professional Examination - Spring 1985

WORK EXPERIENCE

1977 to present - Gulf Oil Corporation - Cincinnati Refinery, Safety Department
Fire and Safety Inspector.
Promoted to Supervisor Accident Prevention and Security
August, 1980.

Experience with Gulf Oil Corporation includes;
Accident prevention and investigation
Firefighting training and suppression activities
Safety audits of refinery personnel and property
Security of plant property
Industrial hygiene
Standard development for equipment and personnel protection
Insurance carriers, corporate officers and other governmental
agencies
Radiation safety officer

1970 to 1977 - Gulf Oil Corporation - Cincinnati Refinery,
Operations and Maintenance Departments
Promoted to Fire and Safety Inspector in October,
1977.

Experience with Gulf Oil Corporation includes;

Various operator positions in the Stills Department,
Bulk Oil Department operator. Barge, truck and tank
car loading of flammable and combustible liquids
Pipe fitter.

1966 to 1970 - Various lending institutions, tool and die makers,
wood products plant.

Experience includes;

Computer operator and programmer - IBM and Univac
Quality control and laboratory technician.

1964 to 1966 - United States Navy - USS William V. Pratt DLG - 13
Boilerman 3rd Class E4.

1962 to 1966 - Worked part time in restaurant.

MEMBERSHIPS

American Society of Safety Engineers (ASSE)
Southern Ohio Industrial Fire Protection Association (SOIFPA)
Cleveland Volunteer Fire Department - Assistant Chief
Miami Township Fire Department # 1 - Firefighter

CHARLES F. ACORE
525 Overhill Land
Cincinnati, Ohio 45239
513- 922-5999

ATTACHMENT V

PROFESSIONAL OBJECTIVE Refinery Manager, Manager of Operations and Maintenance
Manager of Operations, or Manager of Maintenance with a
petroleum refinery.

EDUCATION PENN STATE UNIVERSITY UNIVERSITY PARK, PA
B.S., August 1956. Registered Professional Engineer in
States of Ohio and Pennsylvania. Chi Epsilon National
Honor Fraternity.

WILKES COLLEGE WILKES-BARRE, PA
Dean's List, 2 of 4 Semesters, Class Treasurer 1953-54,
President, Engineers Club - Wrestling Team

WORK EXPERIENCE MANAGER-OPERATIONS & MAINTENANCE GULF OIL, CINCINNATI
July 1983 to present
-\$48,200,000 Expense Budget
-Manages 2 Directors, 16 Supervisors, 2 Clerks,
143 Hourly Employees; Replaces the Refinery Manager
in his absence.

MANAGER-OPERATIONS
September 1982 to July 1983
-\$44,000,000 Expense Budget
-Managed 1 Director, 7 Supervisors, 1 Clerk and
98 Hourly Employees

MANAGER-ENGINEERING
December 1979 to September 1982
-\$4,000,000 Expense Budget; 1980 Capital Budget
exceeded \$25,000,000
-Managed 2 Directors, 5 Engineers, 5 Supervisors and
56 Hourly Employees; 1980 Capital Program was largest
in 20 years

DIRECTOR-MAINTENANCE
August 1967 to December 1979
-Supervised 5 Supervisors, 1 Clerk and 50 Hourly Employees

SUPERINTENDANT-PLANNING & ZONING GULF OIL, PHILADELPHIA
November 1965 to August 1967

PROJECT ENGINEER
July 1965 to November 1965

ZONE FOREMAN
January 1965 to July 1965

CHARLES F. ACORE

PAGE 2.

WORK
EXPERIENCE

DESIGN ENGINEER
December 1960 to January 1965

GULF OIL PHILADELPHIA

CIVIL ENGINEER
August 1956 to December 1960

MILITARY

Honorable Discharge, U.S. Army

TRAINING

Executive Management Training,
Penn State University - 4 weeks, August 1975

Written Skills for Managers - Gulf Management
Institute, September 1980

Written Communication Skills - Gulf Management
Institute, April 1983

PERSONAL
EVALUATION

Intelligent, Agressive, Innovative Manager,
High work ethic ideals, Problem Solver,
Work well with others, Deal with Contractors
Union, Peers, Subordinates

FAMILY

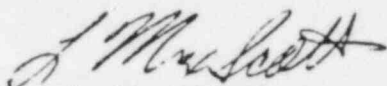
Married, wife Eleanor, 3 Children, Susan 19,
Sharon 18, Laurie 15

ATTACHMENT VI

FROM L. Max Scott AT Hammarville DATE January 24, 1978
TO *Distribution AT REFERENCE AH60-20-00
SUBJECT RADIATION SAFETY TRAINING

During April of this year, I plan to offer a two or three day course in radiation safety training for Radiation Safety Officers. Attached is an outline of a similar course I offered last fall. The proposed course will generally follow the same outline.

The purpose of this letter is to inform you of my plans and determine the degree of interest in such a course. I would appreciate it if you would respond and indicate your interest or lack of interest in attending or sending someone to this course.



L. Max Scott
Radiation Health Physics

LMS:djs

Attachment

cc: Mr. H. L. Vornkahl - Houston
Mr. D. F. Lery - Houston
Dr. L. B. Barnes - Hammarville
Dr. F. M. Love - Houston
Dr. J. A. Peterson - Santa Fe Springs
Dr. A. H. Pickering - London
Dr. L. L. Pickett - Houston
Dr. W. H. Yates - Houston

18806

RADIATION SAFETY OFF. R TRAINING COURSE

	OCTOBER 18	OCTOBER 19	OCTOBER 20
9:00 a.m.	Welcome and Use of Radiation In Gulf - Dr. L. M. Scott	Interaction of Radiation and Matter - Dr. H. T. Miller	Emergency Planning - Mr. D. J. Davis
9:40 a.m.	Use of Radiation in Gulf - Dr. H. T. Miller	Radiation Biology - Mr. D. J. Davis	Shielding - Dr. L. M. Scott
10:20 a.m.	Break	Break	Break
10:40 a.m.	Radioactivity - Dr. L. M. Scott	Records and Reports - Dr. H. T. Miller	ALARA - Dr. H. T. Miller
11:20 a.m.	Radioactivity - Dr. L. M. Scott	Training Radiation Workers - Ms. M. K. Lipecky	Medical Program - Dr. William A. McClellan
12:00 noon	Lunch	Lunch	Lunch
1:00 p.m.	Accidents in Gulf - Dr. H. T. Miller	Detection of Radiation - Mr. D. F. Rhodes	Radiation Survey - Dr. L. M. Scott
1:40 p.m.	Regulatory Agencies - Dr. L. M. Scott	Instruments - Mr. D. F. Rhodes	Radiation Survey - Dr. L. M. Scott
2:20 p.m.	Break	Break	Break
2:40 p.m.	Non-ionizing Radiation - Dr. L. M. Scott	Instruments - Mr. D. F. Rhodes	Problems, Discussion, and Summary - Dr. L. M. Scott
3:20 p.m.	Tour of Radiation Facilities	Field Use of Instruments	Calibration of Instruments
4:00 p.m.	Tour of Radiation Facilities	Field Use of Instruments	Calibration of Instruments

ATTACHMENT VII

FROM L. Max Scott AT Harmarville DATE November 26, 1980
TO *Distribution AT REFERENCE
SUBJECT RADIATION PROTECTION OFFICERS TRAINING COURSE

The Radiation Protection Officers training is scheduled for December 16, 17 and 18 at Harmarville. On Tuesday, December 16 the course will start at 8:30 a.m. in Building 6, Room 205. On Wednesday, December 17 and Thursday, December 18, the course will begin at 9:00 a.m. in Building 4, Room 215.

Attached please find the course outline and schedule.

L. Max Scott /djs
L. Max Scott
Health Physics Section

LMS:djs

Attachment

cc: H. T. Miller

*Distribution

G. L. Evans - Cincinnati ✓
J. D. Fightmaster - Cincinnati
R. Hawkins - Port Arthur
C. K. Keltner - Alliance
L. Langford - Saskatoon
D. M. Wise - Philadelphia

RADIATION PROTECTION OFFICERS TRAINING COURSE

	<u>December 16</u>	<u>December 17</u>	<u>December 18</u>
8:30 a.m.	Registration		
9:00 a.m.	Welcome/Medical Program	Industrial and Medical X-ray Safety - D. F. Rhodes	Radiation Biology - L. M. Scott
9:40 a.m.	Use of Radiation in Gulf - L. M. Scott	Leak Testing and Radiation Surveys - P. W. Morton	Industrial Radiation Accidents - L. M. Scott
10:20 a.m.	Break	Break	Break
10:40 a.m.	Radiation Units and Radiation Protection Guides - L. M. Scott	Training of Radiation Workers - P. W. Morton	Emergency Planning - D. F. Rhodes
11:20 a.m.	Structure of Matter - H. T. Miller	Detection of Radiation - L. M. Scott	Decontamination - L. M. Scott
12:00 noon	Lunch	Lunch	Lunch
1:00 p.m.	Radioactivity - L. M. Scott	Radiation Detection Instruments - D. F. Rhodes	Instrument Calibration
1:40 p.m.	Radiation in our Environment - P. W. Morton	Shielding - P. W. Morton	Instrument Calibration
2:20 p.m.	Break	Break	Break
2:40 p.m.	Regulatory Agencies, Records and Reports - L. M. Scott	Problems/Test	Problems
3:20 p.m.	Interaction of Radiation and Matter - H. T. Miller	Field Use of Instruments	Test
4:00 p.m.	Nonionizing Radiation - D. J. Davis	Field Use of Instruments	



ATTACHMENT VIII

Certificate of Training
in
RADIATION SAFETY

presented to
R. P. Hake

on
April 20, 1978

F. D. Passaway
VICE PRESIDENT

L. M. Scott
HEALTH PHYSICS SERVICE

Gulf Science and Technology Company

Gulf Oil Products Company

CINCINNATI REFINERY

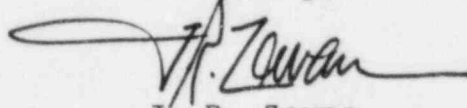
March 15, 1985

P. O. Box 7
Cleveland, Hamilton County, OH 45002

To Whom It May Concern:

This is to confirm that K. R. McNeil, Laboratory Supervisor, had attended Bucknell University, located in Lewisburg, PA., from 1960 to 1964, and possesses a Bachelor of Science degree in Chemical Engineering from that University.

Sincerely,



J. R. Zewan
Manager, Human Resources

JAG/cy

