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Pursuant to the Atomic Energy Act of 1954, as amended, [REDACTED] Regulations, [REDACTED] of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Part [REDACTED], 33, 34, 35, 36, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, [REDACTED] is hereby issued authority for the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below, to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Federal, State, and local laws, and to import such byproduct and source material. This license shall be deemed to contain the conditions specified in Section 2014 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with application dated August 11, 1977,	
1. Gulf Oil Company - U. S. Cincinnati Refinery		3. License number 34-09907-02 is amended in its entirety to read as follows:	
2. P. O. Box 7 Cleves, Ohio 45002		4. Expiration date September 30, 1982	
		5. Docket or Reference No.	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Americium 241	A. Sealed source (Amersham/Searle Model X.96)	A. One source not to exceed 300 millicuries	
9. Authorized use			
A. For use in a Gulf Research and Development Company custom made device for laboratory analysis for sulphur.			

CONDTIONS

10. Licensed material shall be used only at Gulf Oil Company - U. S., Cincinnati Refinery, State Route 128, Hooven, Ohio.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, J. D. Fightmaster or R. F. Fischer.

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REG3 LIC30
34-09907-03 PDR

U. S. NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSE
Supplementary Sheet

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License Number 34-09907-02

Docket or
Reference No. _____

(Continued)

CONDITIONS

Amendment No. 01

13. A. Each sealed source containing licensed material, other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months, except that each source designed for the purpose of emitting alpha particles shall be tested at intervals not to exceed three months. In the absence of a certificate from a transferor, indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.
- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.
- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the test with the U.S. Nuclear Regulatory Commission, Region III, Office of Inspection and Enforcement, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
14. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
15. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated August 11, 1977.

For the U. S. Nuclear Regulatory Commission

Paul R. Quinn
by Radioisotopes Licensing Branch

Division of Fuel Cycle and
Material Safety

AUG 31 1977

Date _____

CONVERSATION RECORD

TIME

12:04 pm

DATE

14 May 85

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Gary Evans

ORGANIZATION (Office, dept., bureau, etc.)

Gulf Oil Co.
Cleveland, Ohio

TELEPHONE NO.

(513) 353
5000

SUBJECT

C/N 18806

SUMMARY

1) licensee will send a copy of their license no 34-09907-02 and old back up

2) Will indicate who do leak testing of device.

3) Need emergency procedures

4) Will indicate maintenance and repair policy & by who.

ACTION REQUIRED

Licensee will send information within 30 days

NAME OF PERSON DOCUMENTING CONVERSATION

Mike M. Cam

SIGNATURE

George M. M. Cam

DATE

14 May 1985

ACTION TAKEN

SIGNATURE

TITLE

DATE