

Mobil Oil Corporation

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U.S. NUCLEAR REG.
COMMISSION
MAIL SECTION

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ENVIRONMENTAL AFFAIRS
AND TOXICOLOGY DEPARTMENT
P.O. BOX 1026
PRINCETON, NEW JERSEY 08540
TELEPHONE (609) 452-9440

M.A. MEHLMAN
DIRECTOR
TOXICOLOGY DIVISION

February 10, 1981

Mr. John Hickey
U.S. Nuclear Regulatory Commission
Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety and Safeguards
7915 Eastern Avenue
Silver Spring, Maryland 20910

Dear Mr. Hickey:

It is our understanding that our By-product Material License (#03014) has been issued effective January 28, 1981. I would like to thank you, Ms. Solberg and your staff for your assistance and guidance in preparing and reformatting our application. We look forward to continued cooperation in carrying out a functional radiation program as a part of our environmental and toxicological research program.

So that we may better communicate with you, I am requesting that all correspondence be directed to our laboratory address:

Mobil Oil Corporation
Environmental & Health Science Laboratory
301 College Road East
Plainsboro, NJ 08536

instead of the mailing address (150 East 42nd Street, New York, NY 10019) indicated on our material license. In order to avoid confusion, our mailing address (item #4) and our laboratory address (item #5) should be synonymous and changed on your records to so indicate this identity.

If there are any questions, please call me at the number below.

Sincerely yours,

J. Ralph Meeks
J. Ralph Meeks, Ph.D.
Supervisor, Metabolism/Pharmacokinetics
609-452-9440

Applicant	G 418212
Check No.	#40(3X)
Amount/Fee Category	Amendment
Type of Fee	4/30/81
Date Check Rec'd	
Received By	Brown

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\$40 refunded
11/12/81

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INSPECTION AND ENFORCEMENT

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release
from
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RECEIVED BY LFMB	
Date	MARCH 2, 1981
Log	MARCH PG 2, Amend
By	BROWN
Orig. To	
Action Compl.	5/1/81

Amend fee
per ASC

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FORM NRC-313 I (1-79) 10 CFR 30		U.S. NUCLEAR REGULATORY COMMISSION		1. APPLICATION FOR: <i>(Check and/or complete as appropriate)</i>	
APPLICATION FOR BYPRODUCT MATERIAL LICENSE INDUSTRIAL				<input type="checkbox"/> a. NEW LICENSE	
<i>See attached instructions for details.</i> 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.				<input checked="" type="checkbox"/> b. AMENDMENT TO: LICENSE NUMBER 31-19321-01	
				<input type="checkbox"/> c. RENEWAL OF: LICENSE NUMBER	
2. APPLICANT'S NAME <i>(Institution, firm, person, etc.)</i> <u>Mobil Oil Corporation: Toxicology Division</u> TELEPHONE NUMBER: AREA CODE - NUMBER EXTENSION 609-452-9440			3. NAME OF PERSON TO BE CONTACTED REGARDING THIS APPLICATION <u>Paul A. Naro, Manager, Toxicology Operations</u> TELEPHONE NUMBER: AREA CODE - NUMBER EXTENSION 609-452-9440		
4. APPLICANT'S MAILING ADDRESS <i>(Include Zip Code)</i> P.O. Box 1026 Princeton, NJ 08540			5. STREET ADDRESS WHERE LICENSED MATERIAL WILL BE USED <i>(Include Zip Code)</i> Mobil Environmental & Health Science Lab. 301 College Road East Plainsboro, NJ 08536		
(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 <i>(See Items 16 and 17 for required training and experience of each individual named below)</i>					
FULL NAME			TITLE		
a.					
b.					
c.					
7. RADIATION PROTECTION OFFICER			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 <i>(If Sealed Source)</i> 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)					
(2)					
(3)					
(4)					
DESCRIBE USE OF LICENSED MATERIAL E					
(1)					
(2)					
(3)					
(4)					

9. STORAGE OF SEALED SOURCES

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

10. RADIATION DETECTION INSTRUMENTS

LINE NO.	TYPE OF INSTRUMENT A	MANUFACTURER'S NAME B	MODEL NUMBER C	NUMBER AVAILABLE D	RADIATION DETECTED (alpha, beta, gamma, neutron) E	SENSITIVITY RANGE (milliroentgens/hour or counts/minute) F
(1)						
(2)						
(3)						
(4)						

11. CALIBRATION OF INSTRUMENTS LISTED IN ITEM 10

☐ a. CALIBRATED BY SERVICE COMPANY
NAME, ADDRESS, AND FREQUENCY

☐ b. CALIBRATED BY APPLICANT

Attach a separate sheet describing method, frequency and standards used for calibrating instruments.

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): _____ _____ _____		<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.

14. WASTE DISPOSAL

a. NAME OF COMMERCIAL WASTE DISPOSAL SERVICE EMPLOYED _____

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.