

MAY 15 1981

FCMLB: JBC

Mail Control No. 04426

Mobil Research & Development  
Corp.

ATTN: T.O. Mitchell

P.O. Box 0025

Princeton, NJ 08540

Gentlemen:

Your application dated June 26, 1980 for renewal of lic. no. 29-00505-15  
has been assigned to J. Bruce Carrico for review.

Enclosed for your information is a copy of our guide describing the minimum information needed in applications for licenses for laboratory use of small quantities of byproduct material. Additional information is needed in support of your application. We have checked the item(s) on the reverse side of this form letter which reference section(s) in the guide for which you should submit additional information.

We are using this form letter to enable us to process your application in a timely manner. Your cooperation in promptly submitting the requested information will also help us to decrease the process time for your application.

In providing the requested information, please reply in duplicate and reference your assigned mail control number.

If you have questions, please contact the above named reviewer at telephone number (301) 427-4228.

Sincerely,

JBC  
5/15/81

JMN  
5/15/81

John W. N. Hickey  
Material Licensing Branch  
Division of Fuel Cycle and  
Material Safety

Enclosure: Regulatory Guide 10.7 -  
Guide for the Preparation of  
Applications for Licenses  
for Laboratory Use of Small  
Quantities of Byproduct Material  
(August 1979)

B/13

PROVIDE INFORMATION ONLY FOR THE CHECKED ITEMS

\_\_\_\_ Your application is being returned for signature.

\_\_\_\_ Actual sites of use - Item 5.

\_\_\_\_ Name(s) of individual user(s) - Item 6.

\_\_\_\_ Name of the Radiation Protection Officer - Item 7.

\_\_\_\_ Kinds and quantities of byproduct material - Items 8.A., 8.B., and 8.D.

\_\_\_\_ Name of the manufacturer and model number of each sealed source - Item 8.C.

\_\_\_\_ Describe use of licensed material - Items 8.E. and 9.

\_\_\_\_ Name of the manufacturer and model number of each gauge or device - Items 8.E and 9.

\_\_\_\_ Manufacturer's name and model number for radiation survey and measuring instruments - Items 10 and 11.

✓\_\_\_\_ Instrument calibration procedures - Items 10 and 11.

\_\_\_\_ Name of supplier of film badges and/or TLD dosimeters - Item 12.

\_\_\_\_ Frequency of exchange of film badges and/or TLD dosimeters - Item 12.

\_\_\_\_ Bioassay program - Item 12.

✓\_\_\_\_ Bioassay procedures for hydrogen-3 - See separate attached guide.

\_\_\_\_ Bioassay procedures for iodine-125 and/or iodine-131 - See separate attached guide.

\_\_\_\_ Equipment and facilities - Item 13.

\_\_\_\_ Waste disposal program - Item 14.

\_\_\_\_ Waste disposal by incineration. Refer to Item 14 and separate attached guide.

✓\_\_\_\_ Radiation survey program - Item 15.a.

\_\_\_\_ Leak test procedures - Item 15.c.

✓\_\_\_\_ Instructions to personnel - Items 15.d. (1) through (12).

✓\_\_\_\_ Instructions to personnel - Emergency Procedures - Item 15.d.(13).

✓\_\_\_\_ Instructions to personnel - Picking up and receiving and opening packages - Item 15.d.(14).

\_\_\_\_ Training and experience of individual users and the radiation safety officer - Items 16 and 17.

✓\_\_\_\_ Other.

*Please provide 2 copies of Radiation Manual*