

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)

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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