

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
631 PARK AVENUE  
KING OF PRUSSIA, PENNSYLVANIA 19406

OFFICIAL RECORD COPY

August 22, 1983

License No. 29-08354-02  
Docket No. 030-05344  
Control No. 01623

Mobil Chemical Company  
ATTN: John J. Mehok  
Supervisor, Safety & Security  
Research & Development Department  
P. O. Box 240  
Edison, NJ 08818

Gentlemen:

letter  
Your application dated July 28, 1983 for renewal of your license  
has been assigned to Mike Varela for review.

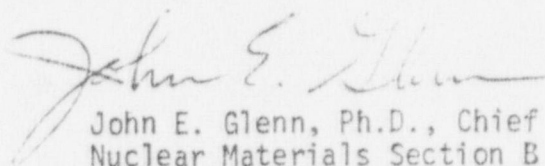
Enclosed for your information is a copy of our guide describing the minimum information needed in applications for licenses for laboratory use of small quantities of byproduct material. Additional information is needed in support of your application. We have checked the item(s) on the reverse side of this form 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 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 any questions, please contact the above named reviewer at telephone number (215) 337-5336.

Sincerely,



John E. Glenn, Ph.D., Chief  
Nuclear Materials Section B  
Division of Engineering and  
Technical Programs

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  
Item 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).

XX \_\_\_\_\_ Training and experience of individual users and the radiation safety  
officer - Items 16 and 17. (e.g., W. H. Chang & J. P. Guarino)

\_\_\_\_ Other.