

JUL 21 1982

FCMLB: LT

Mail Control No. 11598

Environmental Protection Agency
ATTN: Dr. Tudor T. Davies
South Ferry Road
Narragansett, RI 02882

Gentlemen:

Your application dated May 24, 1982 for renewal of License No. 38-11957-01
has been assigned to Paul Guinn 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,

Paul Guinn

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)

"OFFICIAL RECORD COPY"

8711090020 871030
REG1 LIC30
38-11957-01 PDR

ML10

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. **For Nuclear Chicago Meter.**
- ____ 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. **Describe types of survey done in laboratories and frequencies.**
- ☒ 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.

*Specify the total quantity of byproduct material with Atomic Nos. 1-83 that you will have on hand at any one time. Do not include in their total hydrogen 3, carbon 14, and nickel 63 which are listed separately.