

FCMLB:JEG
Mail Control No. 07696

MAY 15 1981

ESA Laboratories Inc.
ATTN: Prentiss C. Higgins
43 Wissins Avenue
Bedford, MA 01730

Gentlemen:

Your application dated April 9, 1981 for a Byproduct Material
License has been assigned to John E. Glenn for review.

Certain items of your application are not in sufficient detail to enable us to complete our review. Please refer to the reverse side of this form on which we have checked one or more items requiring more 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 any questions, please contact the above named reviewer at telephone number (215) 337-5260.

Sincerely,

John E. Glenn
License Management Branch
Division of Fuel Cycle and
Material Safety

 Glenn/ch
5/14/81

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REG1 LIC30
20-19734-01 PDR

PROVIDE INFORMATION ONLY FOR THE CHECKED ITEMS

1. ☐ Your application is being returned for signature.
2. ☐ Location(s) where gas chromatograph will be used (street name, number, building number, etc.)
3. ☐ Name(s) of employee(s) who will use and/or supervise use of the gas chromatographs.
4. ☐ Name(s) of the manufacturer(s) and model number of each detector cell and the name of the manufacturer of each gas chromatograph.
5. ☒ Leak test procedures for the nickel-63 foil. If you use a commercial leak test kit, please provide the name of the supplier and model number of the kit.
6. ☒ Leak test procedures for nickel-63 foil. If you conduct your own leak tests, please provide descriptions of the following:
 - a. The materials and procedures used for collecting leak test samples.
 - b. The name of the manufacturer and model number of the measuring instrument used to analyze leak test samples.
 - c. Your procedures for calibration of the measuring instrument including a sample calculation showing how leak test results are converted to microcuries.
7. ☐ Procedures for cleaning detector cells and/or removal and exchange of detector cell foil. If you follow the manufacturer's recommended procedures, please provide a copy of the procedures. If detector cells are returned to your supplier for cleaning of detector cells and/or removal and exchange of foil, please specify this.
8. ☐ Procedure for disposal of foil when use has been discontinued. If you return foil to the supplier, please specify this.
9. ☐ Procedure for venting detector cells containing hydrogen-3 foil.