



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION I
 631 PARK AVENUE
 KING OF PRUSSIA, PENNSYLVANIA 19406
 AUG 0 3 1983

License No.
 Docket No. 030-20002
 Control No. 01598

Touchstone Environmental Consultants, Incorporated
 ATTN: Francis J. Berlandi
 President & Certified Industrial Hygienist
 33 Thompson Street
 Winchester, MA 01890

Gentlemen:

Your application dated July 18, 1983 for a byproduct material license
 has been assigned to Mike Varela 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 Licensing Assistant at telephone number (215) 337-5336.

Sincerely,

Original Signed By
 John E. Glenn, Ph.D.

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

"OFFICIAL RECORD COPY"

Enclosure:
 A Guide for Preparation of Applications for
 the Use of Sealed Sources in Gas Chromatography
 Devices and X-Ray Fluorescence Analyzers

RI:DETP
 Glenn/sk1
 08/03/83

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PROVIDE INFORMATION ONLY FOR THE CHECKED ITEMS

1. Your application is being returned for signature.
2. Location(s) where gas chromatographs 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 the 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.