



June 10, 1985

U.S. Nuclear Regulatory Commission  
Attn: Bruce Mallett, Ph.D.  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Re: License No. 12-20424-01  
Control No. 78958

Gentlemen:

On May 10, 1985, we wrote regarding our NRC license. Following a review of our program, we are requesting several additional changes.

In our August 22, 1983, application we requested authorization to possess any byproduct material incidental to the collection, transportation, and evaluation of samples. The authorization granted in our license restricts us to possession of byproduct material with atomic numbers of 1 to 83. No explanation was given for not permitting possession of byproduct material with atomic numbers above 83. This exclusion of commercially important radionuclides restricts our commercial activities. We are once again requesting authorization to possess, transport, and analyze samples containing any byproduct material.

In our application we requested authorization to possess byproduct and special nuclear material incidental to the collection, transportation, and analysis of leak test, environmental, bioassay and other samples. Authorization was granted permitting the collection, transportation, and analysis of leak test, environmental, and bioassay samples. No explanation was given for not granting authorization to possess material incidental to the collection, transportation, and analysis of other commercially important samples. We are once again requesting authorization to possess byproduct and special nuclear material incidental to the collection, transportation, and analysis of samples other than leak test environmental and bioassay samples.

In our application we requested authorization for possession of byproduct or special nuclear material incidental to the analysis of samples at Ten West 35th Street and at temporary job sites. Authorization was granted only for Ten West 35th Street with no explanation given why analyses cannot be performed at temporary

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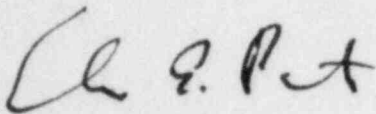
job sites. This restricts our commercial activities and may necessitate the otherwise unnecessary transportation of samples. We are once again requesting authorization to perform analyses of samples both at Ten West 35th Street and at temporary job sites.

Our mailing address is Radiation Safety Services, Inc.  
1564 Ashland Avenue, Evanston, Illinois 60201-4070.

We are modifying our leak test instructions and report form to improve clarity. Samples of the new forms are attached.

Should you have any questions or require further information, please contact me at 866-7744.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Eli A. Port'. The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

Eli A. Port  
Certified, American Board of Health Physics  
Registered Professional Engineer (Safety)

EAP:ws



#### LEAK TEST SAMPLING INSTRUCTIONS

1. Wear your film badge and/or TLD finger ring.
2. Wear the supplied disposable Laboratory gloves.
3. With the cotton tipped applicator wipe the accessible external surfaces nearest to the source, its fixture, shield, etc., or wherever contamination is likely to accumulate.

Caution: The source should be left in its shielding while collecting the sample. Avoid placing any part of the body into a direct radiation beam. Use tongs or forceps when possible to avoid unnecessary exposure.

4. Place the sample in a test tube and fill in the source identification on the form.
5. Remove the gloves and place in the plastic bag.
6. Use your survey meter to survey the plastic bag containing the gloves and the test tube containing the wife. If any contamination is detected with the survey meter, contact Radiation Safety Services, Inc., 312/866-7744 immediately. If you detect no contamination, place the plastic bag and the sample in the mailer and return to Radiation Safety Services, Inc., for analysis.

# SEALED SOURCE LEAK TEST ANALYSIS REPORT

Facility \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

Purchase Order Number \_\_\_\_\_  
 Person Collecting Sample(s) \_\_\_\_\_  
 Date Samples Collected \_\_\_\_\_  
 Send Results To \_\_\_\_\_

Sample Number	Radionuclide	Activity	Cali- bration Date	Manufacturer	Serial No.	Model	To be filled in by lab Results in Microcuries

Counted by \_\_\_\_\_ Date \_\_\_\_\_

Return samples, gloves and this form in the mailer provided. You will be contacted by telephone if results show activity on sample greater than 0.005 uCi (0.05 uCi for a teletherapy source of 0.001 uCi radon 24 hour in the case of radium brachy therapy sources).

Correspondence and Billing:

Radiation Safety Services, Inc.  
 1564 Ashland  
 Evanston, IL 60201  
 (312) 866-7744

Submit all samples to:

Radiation Safety Services, Inc.  
 10 West 35th Street  
 Chicago, IL 60616