



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Centers for Disease Control  
and Prevention (CDC)  
National Institute for Occupational  
Safety and Health - ALOSH  
1095 Willowdale Road  
Morgantown, WV 26505-2888

February 23, 2007

*MM5B2*

United States Nuclear Regulatory Commission  
Region II  
Atlanta Federal Center  
61 Forsyth Street, SW  
Suite 23T85  
Atlanta, Georgia 30303-3415

*03008856*

RE: Amendment of U.S. Nuclear Regulatory Commission Materials License # 47-15279-01

To Whom It May Concern:

We respectfully request the update of the referenced NRC Material License for the following items:

**REQUEST #1**

Item # 16. F.

Authorization to perform the analysis of sealed source leak test samples.

**DISCUSSION #1**

The RSO will use a Wallace 1409 DSA based Liquid Scintillation Counter to count all samples for the Ni-63 leak tests. The Liquid Scintillation Counter is calibrated annually as per manufacturer recommendations. The RSO will use the Wallace standard protocol for Ni-63 for the leak test analysis. The protocol is capable of detecting a minimum of 0.001 counts per minute. The RSO is skilled in the use of the Wallace Liquid Scintillation Counter and has used the particular counter for several years to perform indirect surveys.

Having authorization to analyze our own leak tests would be more cost effective and would reduce the financial burden currently on our Radiation Safety Program. Also, by having authorization to analyze our own leak tests, we would have the ability to obtain instant results, which would allow the RSO to respond appropriately and timely in the event a sealed source is leaking.

Sincerely,

*Stephanie D. Kraynak*  
Stephanie D. Kraynak, M.S.  
Radiation Safety Officer

2007 MAR - 1 PM 1:35  
RECEIVED  
REGION I

cc: William E. Wallace, Jr. Ph.D., Chairman of Radiation Safety Committee  
File

*140157*

NRC/RGN MATERIALS-002

This is to acknowledge the receipt of your letter/application dated

2/23/2007, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND. 47-15279-01  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 140157.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.