

**From:** Thomas Thompson  
**To:** Bidle, Kelly  
**Date:** Thu, Feb 3, 2005 3:43 PM  
**Subject:** Re: Renewal of your NRC license.

I have read the additional information you have provided and have an additional question. There seems to be some confusion over what is missing. You have referred to a scintillation counter. Scintillation counters typically have a small and sometimes exempt check source contained within the instrument, however, the Ni-63 source listed on your license would be contained in a gas chromatograph detector made by Perkin Elmer with a model number of 009-0282. These typically have about 15 millicuries of Ni-63 on a foil on the detector itself which is inside the gas chromatograph. Please clarify what is missing.

Thank you again.

>>> Kelly Bidle <kbidle@rider.edu> 02/02/05 11:47AM >>>

Hi Thomas,

I have been able to take care of items 2-4 as requested in your email yesterday (see below). I am attaching the amended document to this email (2005renewalamend.doc). However, I have a small problem with regard to item 1. The scintillation counter referred to in this item was properly disposed of in 2001. The problem is that when the company came to pick the equipment up, the Ni-63 source had already been removed from the item. I was told this happened four years prior to 2001 and we no longer have those records in our possession. Many of the people involved in this matter are now retired or deceased. We do have, however, a record dated from 2001 on the date the scintillation counter was picked up and a note was made that its NI-63 source was already removed. I am attaching this file for your review (ScinCounterDisp801.doc). All of this happened prior to my arrival at Rider in 2001 (I became the RSO two years ago). Can you please advise?

Thanks,  
Kelly

Thomas Thompson wrote:

>29-23401-01/03021026

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>I have completed a preliminary review of your application and have some additional questions as follows:

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>1. Please provide records which indicate the disposition of all Ni-63 sealed sources. We will need these records before removing this item from the license.

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>2. Under Item 10 of your application you have indicated you will do monthly wipe tests and keep the records for 2 years. 10 CFR 20.2103 indicates survey records must be kept for 3 years. Additionally you have not either described your method of calibration of your scintillation counter or confirmed that you will implement the model calibration program published in

Appendix M to NUREG- 1556, Vol. 7. Please confirm that you will maintain survey records for 3 years and provide the additional information on calibrations.

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>3. You have also indicated you will perform monthly surveys as established by the NRC. Please confirm that you are referring to NRC's NUREG-1556, Vol. 7 , Appendix Q.

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>4. You have included an attachment to your application titled " Yearly training in Radioisotopic use at Rider University". Please clarify if these are the procedures you are committing to NRC that you will follow.

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>You may reply by facsimile to 610 337-5269 and refer to Mail Control No. 136335.

>I may be reached at 610 337-5303.

>

>Thank you in advance.

**Mail Envelope Properties**

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**Subject:** Re: Renewal of your NRC license.  
**Creation Date:** Thu, Feb 3, 2005 3:43 PM  
**From:** Thomas Thompson

**Created By:** TKT@nrc.gov

**Recipients**  
rider.edu  
kbidle (Kelly Bidle)

**Post Office**

**Route**  
rider.edu

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
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**Options**

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