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March 24, 2006

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Mr. Thomas K. Thompson  
United States Regulatory Commission, Region I  
Division of Nuclear Materials Safety  
Commercial and R&D Branch  
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King of Prussia, PA 19406-1415  
Phone: 610-337-5303  
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Email: [tkt@nrc.gov](mailto:tkt@nrc.gov)

NMS62

030000985

Dear Mr. Thompson;

Per our phone conversation of 03-24-2006, as RSO for **NRC Materials License # 37-07710-02**, I am writing to request an amendment to our license.

As we discussed, the rationale for the amendment is as follows: The list below contains materials that have been found in our waste storage cabinet; these materials have been under the control of Lebanon Valley College for quite some time. Because we are planning to decommission the current radioisotope laboratory that we use under this license, we are also planning to dispose of all radioactive materials (source vials and waste, including those items below). We plan to contract that disposal within a month from the date of this letter. We view this plan as the most efficient way to handle material security and safety during our renovations.

**Therefore, we ask that our materials license be amended to include the materials below so that we are operating within the limits of NRC regulations.**

Isotope/ Chemical	Quantity	Form	Origination Date(s)	Photo number(s) in attachment
Co-60	2 x 1 $\mu$ Ci (partially used containers?)	Dried residue in glass bottles	04/1969 03/1971	1a, 1b
Pb-210/ Bi-210	10 $\mu$ Ci (partially used container?)	Dried residue in glass bottle	1969	2a, 2b
Na-22	10 $\mu$ Ci	Sealed metal source	unknown	3a, 3b, 3c
Po-210	0.1 $\mu$ Ci	Sealed metal source	unknown	3a, 3b, 3d
Cl-36	0.4 $\mu$ Ci	Sealed metal source	unknown	3a, 3b, 3e
C-14 *	0.1 $\mu$ Ci	Sealed metal source	unknown	3a, 3b, 3f
Thorium nitrate	100 g (Ci amount unknown) (partially used container?)	Crystalline solid in glass bottle	unknown	4a, 4b

\*Whereas this quantity is within the scope of our current license, I am including it on this because I will dispose of the entire set of 4 sources.

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NMSS/RCNI MATERIALS-002

To aid in identifying the materials and whether they in fact fall under material that requires licensing (based on origin and amount), I am including an attachment that contains photographs of the materials/ materials containers. I plan to proceed with obtaining a quote for the disposal of these materials. If for any reason you feel that I should not act on disposal of these items, please let me know.

Although I understand that Emailed information is not legal under current regulations, I am Emailing this exact same information to you via Email to help with the resolution of the material photographs. The hard copy will also follow via US Mail.

Please contact me if I can provide further information regarding this request.

Thank you, in advance for your time in this matter.

Sincerely,

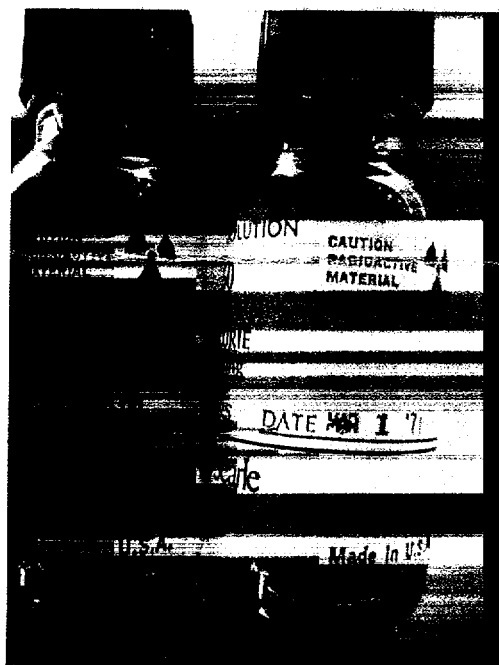
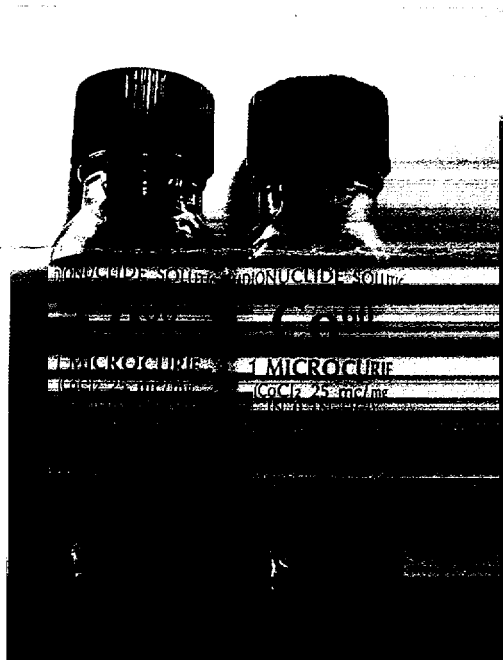
*Walter A. Patton, Ph.D. 3-24-June*

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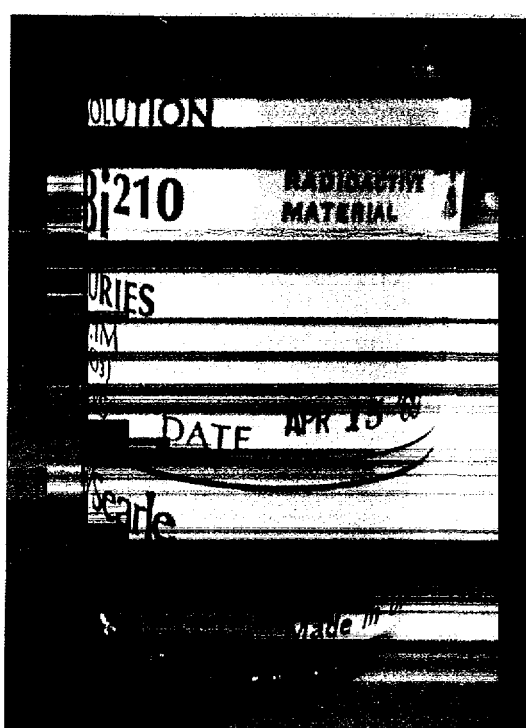
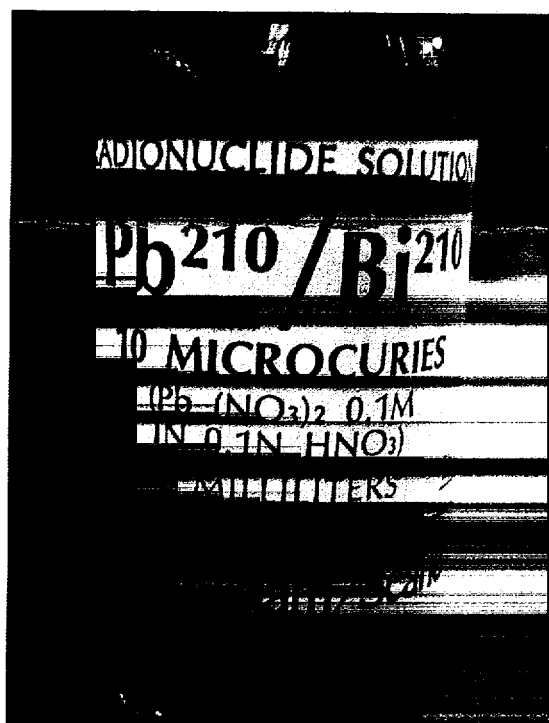
**Attachment to License Amendment Query – Materials License # 37-07710-02**

Pictures of materials for which we are requesting a license amendment. See table above for key to photos.

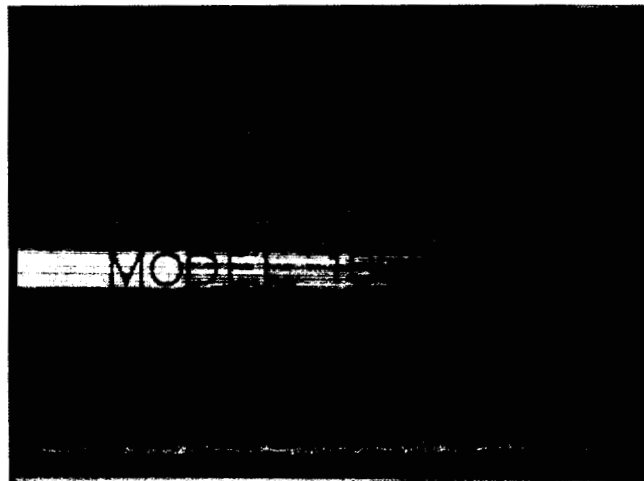
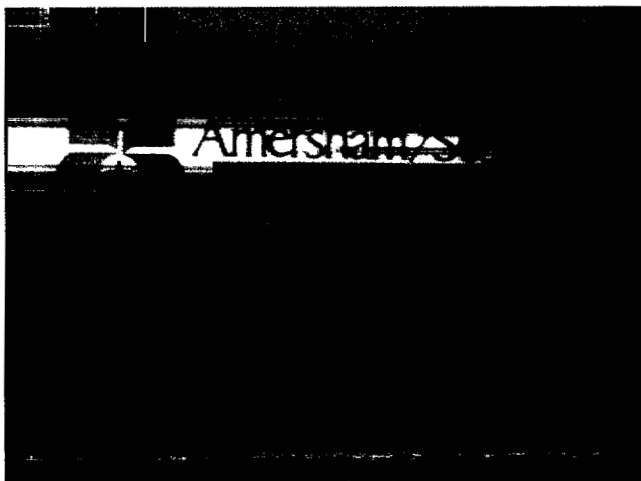
Pictures 1a (left) & 1b (right)



Pictures 2a (left) & 2b (right)



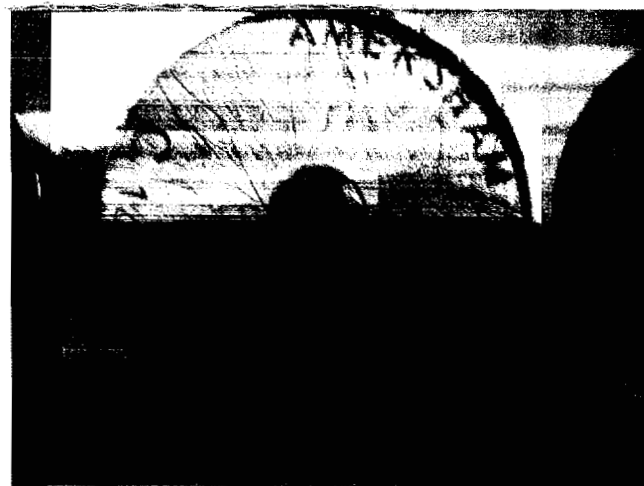
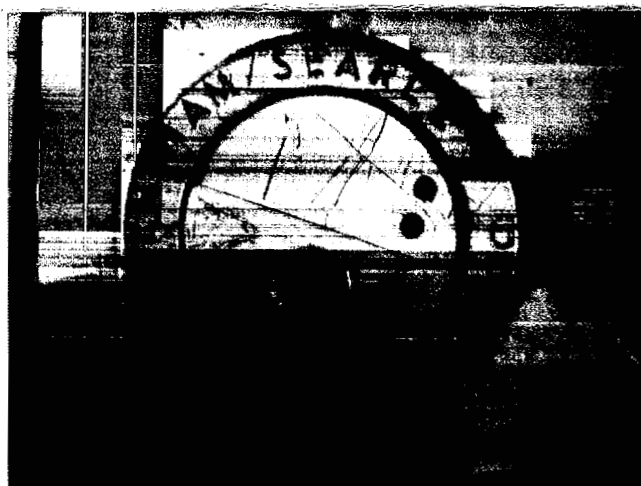
Pictures 3a (left) & 3b (right)



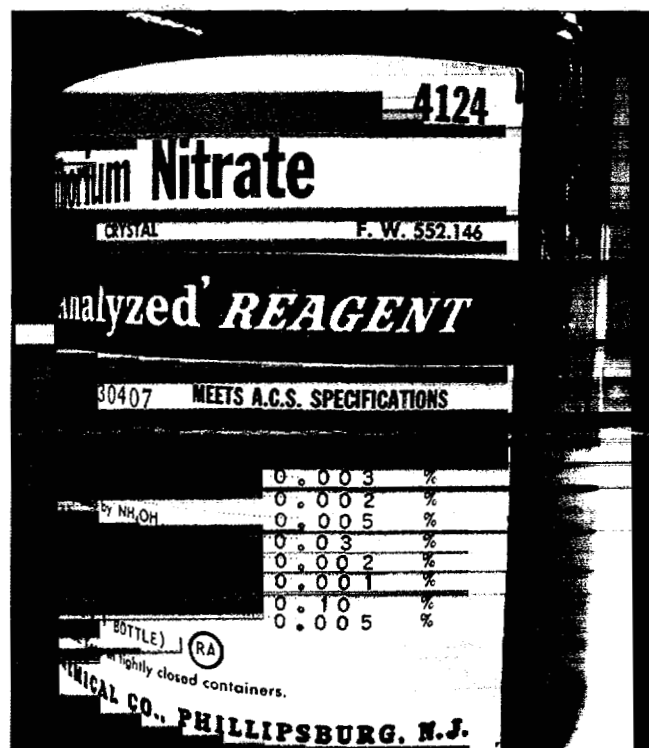
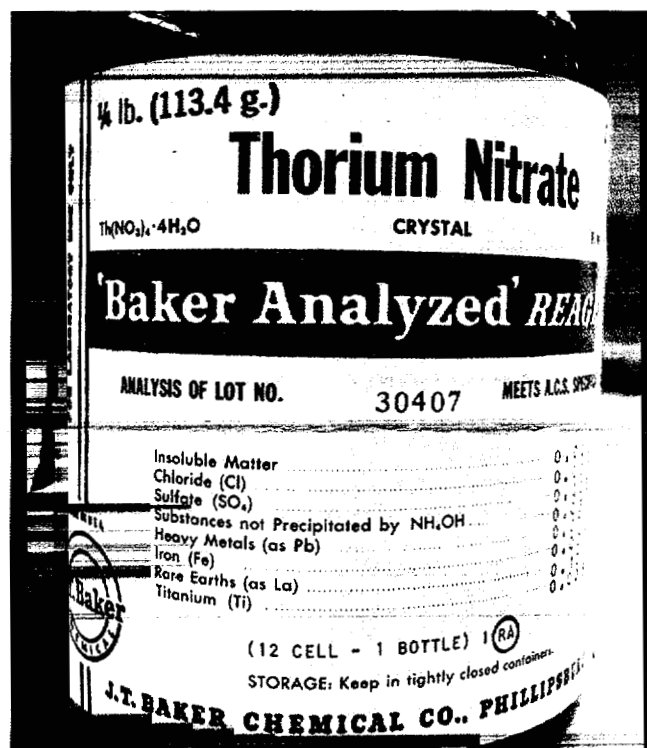
Pictures 3c (left) & 3d (right)



Pictures 3e (left) & 3f (right)



Pictures 4a (left) & 4 (right)



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

3/24/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ ARGNO. 37-07710-02  
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 138613.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.