

**From:** Sandra Gabriel  
**To:** Robert Zoon  
**Date:** Fri, Dec 16, 2005 10:53 AM  
**Subject:** Additional information for NRC amendment request for Ra-224, mail control 137734

Licensee: Department of Health and Human Services, National Institutes of Health  
License No.: 19-00296-10  
Docket No.: 03001786  
Mail control: 137734

To: Bob Zoon, RSO

Thank you for your fax and e-mail.

Regarding your bioassay program for Bi-212, please provide the detection capability of your analytical equipment. Confirm that you are able to detect 10% of an ALI. It is unclear if you will use a single urine sample or accumulated urine. If using a single sample, how will you determine body burden?

We will issue the amendment upon receipt of this information.

You may mail your signed response or fax it to 610-337-5269, referencing mail control 137734. If you send a fax, you may wish to leave a voicemail or e-mail message to alert me to look for it.

Please send an e-mail to confirm receipt of this message.

Thank you for your help. If you have any questions, you may send an e-mail to me or Penny Lanzisera.

Sandy Gabriel  
Senior Health Physicist  
Medical Branch  
NRC Region I

**Mail Envelope Properties** (43A2E2EB.68F : 8 : 27167)

**Subject:** Additional information for NRC amendment request for Ra-224, mail control 137734  
**Creation Date:** Fri, Dec 16, 2005 10:53 AM  
**From:** Sandra Gabriel  
**Created By:** [SLG2@nrc.gov](mailto:SLG2@nrc.gov)

**Recipients**

ors.od.nih.gov  
zoonr (Robert Zoon)

**Post Office****Route**

ors.od.nih.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	2054	Friday, December 16, 2005 10:53 AM

**Options**

**Expiration Date:** None  
**Priority:** Standard  
**Reply Requested:** No  
**Return Notification:** None

**Concealed Subject:** No  
**Security:** Standard