

From: Thomas Thompson
To: Internet:Englishl@dickinson.edu
Date: Thu, Apr 21, 2005 4:46 PM
Subject: Your NRC license renewal application 37-09726-01
Place: LAT@nrc.gov

37-09726-02/03000994 Mail Control 136200

I have reviewed your April 20, 2005 letter providing information on your leak test procedures. You have provided a theoretical basis for believing your leak test method is capable of detecting 0.005 microcurie of contamination, however, because there are so many variables that effect these measurements you will need to provide more information and include the error of measurement involved. Generally leak test equipment calibrations should be done with:

A source of the approximate geometry of the sample to be analyzed

Have a source activity traceable by documented measurement to a standard certified by National Institute of Standards and Technology (NIST)

Approximate the same energy and type of radiation as the samples that the calibrated device will be used to measure

Please provide additional information. As before you may fax your response to 610 337-5269 and refer to Mail Control 136200.

Thank you.

CC: LAT@nrc.gov

Mail Envelope Properties

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Subject: Your NRC license renewal application 37-09726-01
Creation Date: Thu, Apr 21, 2005 4:46 PM
From: Thomas Thompson

Created By: TKT@nrc.gov

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Options

Expiration Date:	None
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