

From: Thompson, Richard
Sent: Wednesday, April 18, 2012 12:14 PM
To: Mershad Abdu
Cc: Johnson, Robert
Subject: Rejection of Rapiscan System 's Amendment Request

Mershad

We've received the amendment request to your application via email dated April 16, 2012 and have reviewed it. The amendment request is an attachment to the email and it is dated April 9, 2012. We have questions about your request that can't be answered with the information provided.

First your request doesn't address the plutonium source previously listed in your Request for an Exemption from the Requirement for a Criticality Monitoring System dated February 11, 2011, and it is not listed in Table 4 of your request. We can't tell whether you're implying that the Pu source will no longer be a part of your future test program or not. You need to revise your request to include this source or its removal from further consideration.

The second question is based on your request to leave the single U3O8 source in your California license. You haven't provided sufficient information to support this part of your request.

In previous discussions with Rapiscan, you stated that this source would be used along with the other sources to be included in the possession limits of your NRC license and that this source would be stored at the same facilities as the other sources. This being the case, this source must be in your NRC license and it must be included in the criticality analysis. If you are now submitting that this source will not be used along with the other sources and will not be stored at the same facilities, it would be possible to leave it in Rapiscan's California license. Your amendment request doesn't address any of this relevant information.

Due to the lack of information needed to support your request, we cannot accept your amendment request as it stands. If you would like to discuss this further, please call.

Best regards,

Richard D. Thompson

Program Manager
NMSS/FCSS/FMB
US Nuclear Regulatory Commission
Rockville, MD
301 492 3220
Richard.Thompson@NRC.gov

No Propoeties

From: Mershad Abdu [<mailto:MABdu@rapiscansystems.com>]
Sent: Monday, April 16, 2012 2:54 PM
To: Thompson, Richard
Cc: Johnson, Robert; Diaz, Marilyn; Ed Franco
Subject: RE: NRC questions about license quantities

Richard,

We have completed our amendment to our current application for SNM license in attachment in response to the questions listed in your email below.

Two copies of the original letter are being sent to Document Control Desk, Director Office of Nuclear Safety and Safeguards.

Respectfully Submitted,

Mershad A. Shahabidin
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From: Thompson, Richard [<mailto:Richard.Thompson@nrc.gov>]
Sent: Wednesday, February 01, 2012 9:40 AM
To: Mershad Abdu
Cc: Johnson, Robert; Diaz, Marilyn
Subject: NRC questions about license quantities

Mershad

I have been reviewing the licensing package for Rapiscan and have found what I believe is a discrepancy that I have questions about. In your RAI response dated 7/27/2011 under LEU in Table 1 it lists a total quantity of 5 plates containing 752.5 g of contained U235. This is the quantity that we are using in the license. However, the other two DNDO licensees list this quantity as "4" plates containing 752.5 g of contained U235 for a total of 3,010 g instead of 3,762.5 g. Please confirm whether this number of LEU test objects is correct. Also confirm that the criticality analysis submitted by Rapiscan used the larger quantity (3,762.5 grms.) listed for the LEU test objects. Since SCA completed the criticality analysis, I would assume that it was done using the lower quantity of plates.

Please give me a call if I'm missing something that you and Marilyn have already resolved or if it would be easier to discuss this.

Richard D. Thompson
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No Properties