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United States Nuclear Regulatory Commission
Region III
2443 Warrenville Rd, Suite 210
Lisle, IL 60532-4352
ATTN: MATERIALS LICENSING

Re: Mail Control No. 600427 ; Request for additional information

Friday September 1st, 2017

Dear Mr. Tran,

We appreciate the opportunity to be able to provide clarification to our recent amendment request to add Re-186, Re-188, and W-188 to our U.S. Nuclear Regulatory Commission license #13-32212-01. The listed Authorized Users who will use these isotopes are Dr. Le-Cun Xu and Dr. Joe Reddy. As has already been provided, Dr. Xu has extensive experience and hands-on training working with several radionuclides. Although he does not have direct experience working with and handling Re-186, Re-188 or W-188 he is very well equipped to handle these radionuclides from a training and theoretical perspective. We propose that Dr. Reddy will work with these radionuclides under the direct supervision of Dr. Xu.

Sincerely yours,

Jonathan M. Shillingford, Ph.D.
Radiation Safety Officer

Tran, Frank

From: Shillingford, Jonathan <jshillingford@Endocyte.com>
Sent: Friday, September 01, 2017 2:55 PM
To: Tran, Frank
Cc: Xu, Le-Cun
Subject: [External_Sender] RE: Request for additional information regarding NRC License No. 13-32212-01
Attachments: 1Sep2017 - clarification of 7Aug2017 request.pdf

Good afternoon, Frank,

As requested, please find enclosed clarification regarding your recent review of our amendment request.

It has been a pleasure interacting with you during my tenure here as Endocyte's RSO and I will now hand over the reins to the very capable and experienced Dr. Xu.

With kind regards,

Jonathan



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From: Tran, Frank [mailto:Frank.Tran@nrc.gov]
Sent: Monday, August 28, 2017 2:56 PM
To: Shillingford, Jonathan
Cc: Xu, Le-Cun
Subject: Request for additional information regarding NRC License No. 13-32212-01

Dear Dr. Shillingford:

We have reviewed your amendment request. We will need the following information to complete our review.

- 1) Names of proposed authorized users who will use tungsten-188, rhenium-188 and rhenium-186.
- 2) Training and experiences for the proposed authorized users related to the isotopes above or equivalence (we will evaluate based on the decay mode, half-life, energy level, maximum quantities used, physical form of the isotopes, etc.)

Please provide a response to the above in writing with date and authorized signature by September 28, 2017. You could fax the response to 630-515-1078 or scan and email it as a pdf to frank.tran@nrc.gov. In addition, please indicate Mail Control No. 600427 in the cover letter to facilitate proper handling in our office.

If you have any questions, please do not hesitate to contact me at 630-829-9623 or reply to this email.

Thank you,

Frank Tran

Health Physicist/License Reviewer
NRC Region III/Division of Nuclear Materials Safety
Phone: 630-829-9623
Fax: 630-515-1078
Email: Frank.Tran@nrc.gov



Protecting People and the Environment

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