



January 22, 2018

Mr. Frank Tran,  
Health Physicist/ License Reviewer  
NRC Region III / Division of Nuclear Materials Safety  
2443 Warrenville, #210,  
Lisle, IL 60532

Subject: Request to amend our license with the changes requested in this letter. (License no. 21-00741-08, Amendment no. 55, Docket # 030-01995)

Dear Sir,

I request to amend our license with the following changes mentioned below:

1. We never possessed Na-22 in an unsealed form on our campus in the past and do not intend to use any in the future. Please remove Item 6. E. (This is in response to the email from you dated January 9, 2018.)
2. In Item 6.D. please change the maximum amount of H-3 to 900 millicuries. We do not intend to possess activity more than this limit.
3. Please add Depleted Uranium (DU) with a maximum limit of 1 kilogram to our license. The physical form is solid metal and the chemical forms are DU oxide, Uranyl Acetate and Uranyl Nitrate. This will be used for research purposes only. DU will be used to study how the ligands change the chemical properties of the metal ions.

Please feel free to contact me at [mrsriniva@wayne.edu](mailto:mrsriniva@wayne.edu) or 313-577-1200 if you need more information.

Thank you.

Sincerely,

Maha Srinivasan  
RSO & Health Physicist

## Tomczak, Tammy

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**From:** Tran, Frank  
**Sent:** Monday, January 22, 2018 11:22 AM  
**To:** Tomczak, Tammy  
**Cc:** Pelke, Patricia  
**Subject:** FW: Re: Request for additional information regarding NRC License No. 21-00741-08  
**Attachments:** Wayne StateNRCAmendment2018.pdf

Hi Tammy,

The forwarded letter is an amendment request from Wayne State University.

Thanks,

-Frank

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**From:** M Srinivasan [mailto:msriniva@wayne.edu]  
**Sent:** Monday, January 22, 2018 10:59 AM  
**To:** Tran, Frank <Frank.Tran@nrc.gov>  
**Cc:** Frazier, Cassandra <Cassandra.Frazier@nrc.gov>  
**Subject:** [External\_Sender] Re: Request for additional information regarding NRC License No. 21-00741-08

Dear Mr. Tran,

Please find my response in the attached letter with the updates of Na-22 and H-3 with the possession limit we want to amend to our license.

Per our discussion over phone, I have also included a request to add Depleted Uranium (DU) with possession limit and details in the same letter. The researcher, Dr. Matthew Allen who wants to use DU is in Chemistry department. Dr. Allen requests if possible to amend in next 30 days so he can order DU since his grant is waiting to initiate his research.

Please contact me if any more information is needed.

Best Regards,  
Maha

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*Maha Srinivasan, MS*  
*Health Physicist & Radiation Safety Officer*  
Wayne State University  
5425 Woodward, Suite 300  
Detroit, MI 48202  
Phone: 313-577-0019  
[www.oehs.wayne.edu](http://www.oehs.wayne.edu)

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**From:** Tran, Frank <[Frank.Tran@nrc.gov](mailto:Frank.Tran@nrc.gov)>  
**Sent:** Tuesday, January 9, 2018 3:35 PM  
**To:** M Srinivasan  
**Cc:** Frazier, Cassandra  
**Subject:** Request for additional information regarding NRC License No. 21-00741-08

Dear Ms. Srinivasan:

I received your request to remove sodium-22 from NRC License No. 21-00741-08 issued to Wayne State University. The request was reviewed by our staff, Ms. Colleen Casey (Mail Control No. 599626). Based on her review, it appears that additional information were needed to complete the review. Ms. Casey discussed her request for additional information with you in June 2017; however, we have not received your response.

Based on the fact that your licensed material authorized in the NRC License No. 21-00741-08 meets the requirement in 10 CFR 30.35, you will need to provide a decommissioning funding plan with a decommissioning cost estimate and an appropriate financial assurance instrument. You must amend the license to reduce the possession limit of unsealed radioactive material with half-life greater than 120 days, including C-14, H-3, Na-22, and radionuclides in Item 6.A. of your license (please note that we will calculate the possession limit using the unity rule to include all possible isotopes with the most conservative quantity in Appendix B of 10 CFR Part 30 for Item 6.A. of your license), or to submit a decommissioning funding plan in accordance with 10 CFR 30.35 and NUREG-1757.

Please provide a response in writing with an appropriate signature by February 12, 2018. If you have any questions or need a clarification for the request above, please do not hesitate to contact me at 630-829-9623 or reply to this email.

Thank you,

Frank Tran

**From:** M Srinivasan [<mailto:mrsriniva@wayne.edu>]  
**Sent:** Friday, June 09, 2017 9:16 AM  
**To:** Tran, Frank <[Frank.Tran@nrc.gov](mailto:Frank.Tran@nrc.gov)>  
**Subject:** [External\_Sender] Response to your letter regarding Financial assurance

Dear Mr. Tran,

Please find the response to your letter dated May 9, 2017 regarding the financial assurance certifying from the president of our institution.

We are in the process of obtaining the letter from our president soon, which I have indicated in the response letter.

Let me know if I need to mail the physical copy of the letter. I can send via fedex today to have it delivered before June 12, 2017.

Thank you for your assistance.

Sincerely,

Maha

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*Maha Srinivasan, MS*  
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