



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

APR 22 2015

Maha Srinivasan, M.S.  
Radiation Safety Officer  
Wayne State University  
Health Physics Department  
5425 Woodward Avenue, 3<sup>rd</sup> Floor  
Detroit, Michigan 48202

Dear Ms. Srinivasan:

Enclosed is Amendment No. 52 to your NRC Material License No. 21-00741-08 in accordance with your request. As we discussed in our April 22, 2015, phone conversation, please note that Condition No. 10.B. limits use of radioactive material on the research vessel HEALY to the period from June through October 2015. Changes made to your license are printed in **bold** font.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we may provide appropriate corrections and answers.

In completing this amendment, we have also noted that Condition No. 18 restricts overall possession of radioactive materials to quantities below that requiring a Decommissioning Funding Plan (DFP). Although your license lists an overall unsealed-form sodium-22 possession limit of 250 millicuries, please note that the a DFP would be required for any possession of greater than 10 millicuries sodium-22 (unsealed), independent of all other authorized radionuclides listed on the license.

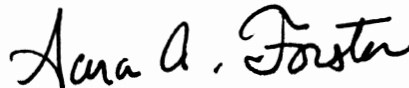
**If you require a sodium-22 (unsealed) possession limit in excess of 10 millicuries (unsealed), please submit an amendment request to remove Condition No. 18, together with a DFP, to our office within 60 days of this letter.** If a 10 millicurie sodium-22 possession limit is adequate to meet your needs, you may request a revision to Item 8.A. at the next time you are requesting an amendment to the license.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with Title 10 of the *Code of Federal Regulations* Section 2.390, a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

A handwritten signature in black ink that reads "Sara A. Forster". The signature is written in a cursive, flowing style.

Sara A. Forster, M.S.  
Health Physicist  
Materials Licensing Branch

License No. 21-00741-08  
Docket No. 030-01995

Enclosure: Amendment No. 52