



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

AUG 27 2013

Michael Gleason, Ph.D.  
Radiation Safety Officer  
University of Detroit Mercy  
4001 West McNichols Road  
Detroit, MI 48221-3030

Dear Dr. Gleason:

Enclosed is Amendment No. 10 to your NRC Material License No. 21-00241-09 in accordance with your request, with the exception of retaining your use authorization in spite of a lack of radioactive materials use in over twenty-four months. Your license has been amended to authorize possession and storage of material in standby in Item No. 9. This license must be amended prior to any use. 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 can provide appropriate corrections and answers.

**To reinstate your research and development use authorization, resubmit your request. Include a firm date by which you expect to commence use of radioactive materials. Also, during our review of your inspection history, we have observed that use over at least the past ten years appears to be limited to the use of tritium. If you wish to remove your carbon-14 and phosphorus-32 authorizations from your license, please indicate this with any request to reinstate your research and development use authorization.**

For any authorizations you wish to remove from the license, please indicate the use history for that isotope, together with final disposition and transfer information for that isotope. If materials were transferred to another licensee, specify the date of the transfer and include the recipient licensee's name and license number, and a name and telephone number for a contact person at the recipient licensee. For disposal of radioactive materials, licensees should describe the specific disposal method (e.g., by release into sanitary sewerage or decay-in-storage). For any materials disposed of by a licensed disposal site or waste contractor, include a copy of the final waste manifest and provide a name, address, and telephone number for a contact person from the site operator or waste contractor.

Refer to NUREG 1757, "Consolidated Decommissioning Guidance," Volume 1, Revision 2 (September 2006) and Volume 2, Revision 1 (September 2006), found at web site <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1757/> when preparing your response. This action is without prejudice to resubmission.

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 10 CFR 2.390 of the NRC's "Rules of Practice," 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,



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

License No. 21-00241-09  
Docket No. 030-14288

Enclosure: Amendment No. 10