



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352
AUG 09 2013

Eric R. Jeppesen
Radiation Safety Officer
MRI Global (formerly Midwest Research Institute)
425 Volker Blvd.
Kansas City, MO 64110-2241

Dear Mr. Jeppesen:

Enclosed is Amendment No. 67 to your NRC Material License No. 24-02564-02 in accordance with your request, with the exceptions of removing the tritium authorization, and of lowering the carbon-14 authorization to one curie. 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.

We could not lower your carbon-14 authorization because information submitted was not sufficient to confirm your disposal of all carbon-14 waste, in excess of the requested one curie possession limit. We could not remove your tritium authorization because information was not sufficient to confirm your transfer out of all tritium received or possessed under the license, or sufficiency of your area surveys demonstrating that any tritium contamination has been reduced to levels that would meet the radiological criteria for release outlined in Title 10 of the *Code of Federal Regulations* Part 20 Subpart E.

To remove your tritium authorization, resubmit your request. Include contamination surveys and final tritium disposition. As noted in our June 18, 2013, phone conversation, contamination surveys should include wipe results, background readings, facility diagrams with wipes keyed to specific locations, the names of the persons performing the wipe test, instrument(s) used, and the last calibration date for the instrument(s) used. Area surveys should be provided for all areas of use where tritium was used, stored, or possessed, under this license. To remove the tritium authorization from the license, describe the specific material transfer actions. If radioactive waste was generated in removing the tritium, describe the disposal actions taken, including, but not limited to, the disposition of low-level radioactive waste and any sealed sources or foils.

For materials transferred to another licensee (such as American Radiolabeled Chemicals, as noted in your May 14, 2013, letter), 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). 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.

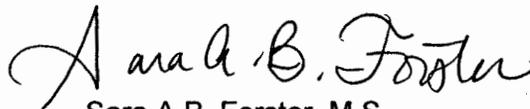
Finally, include the maximum quantity of carbon-14 possessed under the referenced license, and provide final disposition information, as requested for tritium, above, for carbon-14 quantities removed in excess of the one curie possession limit requested on the license. Refer to NUREG 1757, "Consolidated 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. 24-02564-02
Docket No. 030-05083

Enclosure: Amendment No. 67