



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

SEP 02 2015

James J. Cox, M.S., CHP
Radiation Safety Officer
Donald Danforth Plant Science Center
975 North Warson Road
St. Louis, MO 63132

Dear Mr. Cox:

Enclosed is Amendment No. 16 to your NRC Material License No. 24-32339-01 in accordance with your request. Please also note that we have removed Condition Nos. 13 and 19 from your license, as they no longer apply to your license, based on a previous amendment to your license. 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.

Please also note that, in our review of your license file, we have observed that your actual tritium and carbon-14 radioactive materials use history may necessitate significantly lower possession limits than are currently listed on your license. This may remove the requirement to have Decommissioning Financial Assurance (DFA) on file with our office.

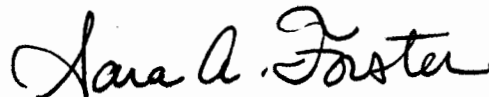
To request reduced tritium and carbon-14 possession limits, please submit an amendment request to our office to do so. Include a history of your current and maximum tritium and carbon-14 possession limits. Also state the maximum possession limits you are requesting for tritium and carbon-14. Refer to NUREG 1556, Volume 7, "Program-Specific Guidance about Academic, Research and Development, and other Licenses of Limited Scope," Section 8.5.2, "Financial Assurance and Record Keeping for Decommissioning," for additional discussion of DFA requirements. Amendment requests should be submitted under a signed and dated cover letter, and may be submitted to our office via regular U.S. mail or via facsimile, Attention: Materials Licensing Branch, to (630) 515-1078.

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 cursive script that reads "Sara A. Forster".

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

License No. 24-32339-01
Docket No. 030-35805

Enclosure: Amendment No. 16