



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

APR 13 2017

Surendra K. Gupta, Ph.D.
American Radiolabeled Chemicals
101 Arc Drive
St. Louis, Missouri 63146

Dear Dr. Gupta:

Enclosed is Amendment No. 56 to your NRC Material License No. 24-21362-01 in accordance with your request. Please note that your license format has changed in accordance with our new licensing process system.

Also, note that in accordance with NRC policy, we have updated License Condition No. 10, regarding authorized place of use, License Condition No. 16, regarding the sealed source inventory requirement, License Condition No. 17, regarding the requirement for sealed source leak tests, and License Condition No. 19, regarding decay-in-storage of radioactive materials. Additionally, License Condition No. 21, referencing the transportation requirement in Title 10 of the *Code of Federal Regulations (CFR)*, Part 71, "Packaging and Transportation of Radioactive Materials," has been removed in accordance with current NRC policy. The transportation regulation is now included in the preamble on page 1 of the license.

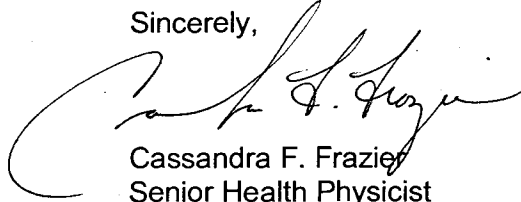
We have also added NRC's Agencywide Documents Access and Management System (ADAMS) document accession numbers to the documents referenced in the updated License Condition No. 21 of the amended license.

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.

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,

A handwritten signature in black ink, appearing to read 'C. F. Frazier', written over a large, sweeping flourish that starts on the left and curves under the name.

Cassandra F. Frazier
Senior Health Physicist
Materials Licensing Branch

License No. 24-21362-01
Docket No. 030-20567
Enclosure: Amendment No. 56