



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

OCT 24 2012

Thomas K. Spencer
Radiation Safety Officer
Sigma-Aldrich Company
P.O. Box 14508
St. Louis, MO 63178

SUBJECT: TERMINATION OF YOUR NRC RADIOACTIVE MATERIALS LICENSE

Dear Mr. Spencer:

In letter dated August 28, 2012, you contacted the U.S. Nuclear Regulatory Commission and indicated that you wished to terminate your NRC radioactive materials license. The NRC staff has reviewed your submittal and previous NRC inspection reports. Based on its review, the staff has concluded that all licensable radioactive material has been removed from your facility and residual radioactive material attributable to licensed activities does not exceed current NRC criteria.

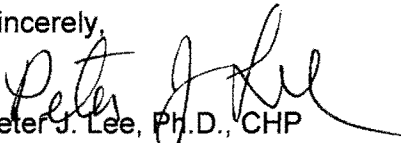
Based on these conclusions no further remediation or actions with respect to NRC regulated material is required and NRC license number 24-16607-02 is hereby terminated.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c) (20) (iii).

In accordance with 10 Code of Federal Regulations 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>.

If you have any questions, please contact me at (630) 829-9870.

Sincerely,


Peter J. Lee, Ph.D., CHP
Materials Control, ISFSI, and Decommissioning
Branch

License No. 24-16607-02
Docket No. 30-28732
Enclosure: Amendment No. 8