



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 7, 2016

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

Dear Mr. Spencer:

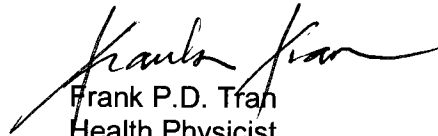
We have reviewed your amendment request dated January 12, 2016. We determined that additional information is needed to complete our review.

- 1) The licensee requests to add Paul Klueh as an authorized user (AU). Please provide documentation approved by the Radiation Safety Committee in 2007 authorizing Mr. Klueh as an AU (including the authorized isotopes, quantities, and activities). In addition, please specify the isotopes and quantities and the activities that Mr. Klueh will perform.
- 2) The licensee requests to release the location of use located at 3500 DeKalb Street, St. Louis for unrestricted use. Please provide a) a copy of the radiation survey record that R.M. Wester surveyed the sub-floor of the areas of use in 2012 and b) a copy of the close out surveys of Labs C1 and C2 and the storage room.
- 3) In Item 3.a. of letter, the licensee states that licensed material has been removed from 3500 DeKalb Street and transferred to 3300 South Second Street, St. Louis, Missouri. In Item 3.b. of the letter, the licensee requests to remove the address 3300 South Second Street from the license but discussed the facilities located at 3500 DeKalb Street in the content. Please provide a clarification.
- 4) The licensee requests to remove Co-57 from the license. Please provide information of the disposal of Co-57.

To continue the review of your amendment request, please provide a response in writing by March 29, 2016. Your response must be dated and signed by an authorized personnel and please refer Mail Control Number 589864 in your response to facilitate proper mail handling in our office. To expedite the licensing process, you could fax your response to 630-515-1078 or scan and email your response as a pdf file to [frank.tran@nrc.gov](mailto:frank.tran@nrc.gov). If you have any questions or require clarification on any of the information stated above, please do not hesitate to contact me at 630-829-9887 or [frank.tran@nrc.gov](mailto:frank.tran@nrc.gov).

In accordance with Title 10 Code of Federal Regulations 2.390 of the U.S. Nuclear Regulatory Commission's (NRC) "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,



Frank P.D. Tran  
Health Physicist  
Materials Licensing Branch

License No. 24-16607-03  
Docket No. 030-28992