



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

October 3, 2018

William Leutzinger
Director
Curators of the University of Missouri
The Chancellor, University of Missouri – Kansas City
Administrative Center
5115 Oak Street
Kansas City, MO 64110

Dear Mr. Leutzinger:

We have reviewed your amendment requests dated September 7, 2018 and September 20, 2018. Before we can take further actions, we will need the following information.

- 1) With regard to the decommissioning of Room 104 in Flarsheim Hall, 5100 Rockhill Rd., Kansas City, Missouri, please provide:
 - a) A history of all radionuclides and the maximum quantities were used or stored in the room.
 - b) A history of any spill, leaking sources, or contaminations in the room.
 - c) The name of the person performing the survey.
- 2) You request to name Jon David Van Horn, Ph.D. as the new Radiation Safety Officer (RSO). Based on NUREG-1556, Volume 7, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope", dated February 2018, the proposed RSO may need to complete at least 40 hours of radiation safety training specific to the RSO duties which described in Appendix E, "Radiation safety Officer Duties and Responsibilities". This guidance is available on the NRC Web site at <https://www.nrc.gov/docs/ML1806/ML18065A006.pdf>. In addition, the guidance said that the RSO designee should have obtained the training in formal course(s) designed for RSOs, presented by an academic institution, commercial radiation safety consulting company, or a professional organization of radiation protection experts. We could not locate the above information in your letter. Please provide additional information for the above.
- 3) It appears that since Mr. William R. Wright is no longer with your organization, licensed materials listed in Item 6.M. of your license has have no authorized users. Please have a qualified individual manage the storage of those materials and propose your plan for those materials.
- 4) Based on your license, it appears that Item 6.L. (phosphorus-33) can only be stored at the location specified in Condition 10.F. If it has been used or will be used in other locations, please provide a clarification.

To continue the review of your amendment requests, we request that you submit a written response to this letter by November 5, 2018. Your response must be dated and signed and

please reference Mail Control Number 609889. To expedite the licensing process, you could fax your response to 630-515-1078. 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.

In accordance with Title 10 of the *Code of Federal Regulations* Section 2.390 of the U.S. Nuclear Regulatory Commission's (NRC) "Rules of Practice," a copy of this letter 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. 24-00513-37
Docket No. 030-32693