



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

JAN 09 2007

Brian Kennedy, Ph.D.
Radiation Safety Officer
Indiana University School of Medicine
Northwest Center for Medical Education
3400 Broadway
Gary, IN 46408

Dear Dr. Kennedy:

Enclosed is Amendment No. 20 to your NRC Material License No. 13-18384-01 in accordance with your request dated November 20, 2006. Please note that the 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 note that you are no longer required to hold for decay-in-storage for 10 half lives byproduct material with half lives of less than 120 days in accordance with the NRC Regulatory Issues Summary (RIS) 2004-17. This RIS may be found on the NRC website at www.nrc.gov.

Please be advised that sodium-22 and magnesium-28 were removed from your NRC license since they are not byproduct materials. These isotopes need to be regulated by the State of Indiana.

Also, please be advised that prior to releasing your old facility(s) for unrestricted use, you will need to perform a close-out survey and provide the results to the NRC. The close-out evaluation will need to include survey results in mR/hr and smear test results in DPM keyed to specific areas on the facility(s) diagram.

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.

B. Kennedy, Ph.D.

2

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 Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,


James R. Mullauer, M.H.S.
Health Physicist
Materials Licensing Branch

License No. 13-18384-01

Docket No. 030-14970

Enclosure: Amendment No. 20