



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

APR 12 2011

Patrick J. Byrne, DABR, CHP
Radiation Safety Officer
Indiana University Health
Bloomington Hospital
P.O. Box 1149
Bloomington, IN 47402

Dear Mr. Byrne:

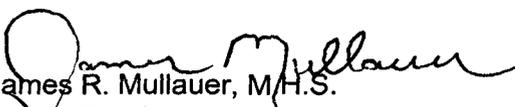
Enclosed is Amendment No. 66 to your NRC Material License No. 13-10408-02 in accordance with your request dated February 28, 2011. Please note that the changes made to your license are printed in **bold** font.

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 be advised that prior to performing positron emission tomography (PET) imaging, you will need to amend your NRC license to include shielding information of your facility and provide a copy of your shielding calculations that shows compliance 10 CFR Part 20, Radiation levels in unrestricted areas.

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,


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

License No. 13-10408-02
Docket No. 030-01644

Enclosure: Amendment No. 66