



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

FEB 08 2012

Robert F. Thompson, Ph.D.
Radiation Safety Officer
Midwest Division - LSH, LLC
d/b/a Lee's Summit Hospital
2100 S.E. Blue Parkway
Lee's Summit, MO 64063

Dear Dr. Thompson:

Enclosed is Amendment No. 27 to your NRC Material License No. 24-24660-01 in accordance with your requests stated in letters dated November 18, 2011, and December 14, 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.

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>.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis P. O'Dowd".

Dennis P. O'Dowd
Materials Licensing Branch

License No. 24-25660-01
Docket No. 030-29074

Enclosure: Amendment No. 27