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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

AUG 01 2011

Christopher Durbin, Ph.D.  
Radiation Safety Officer  
St. Luke's Hospital  
Radiology Department  
232 South Woods Mill Road  
Chesterfield, MO 63017

Dear Dr. Durbin:

Enclosed is Amendment No. 55 renewing your NRC Material License No. 24-01570-03 in accordance with your request dated March 7, 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 appropriate shielding information for your facility. In your amendment request you should include a copy of your facility diagrams and shielding calculations that show compliance 10 CFR Part 20.1101, "Radiation Protection programs," 20.1301 and 20.1302, "Radiation Dose Limits for Individual Members of the Public," and 20.1501, "Surveys and Monitoring."

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability. The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>. A copy of this letter 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

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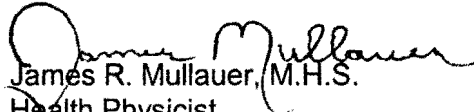
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Sincerely,



James R. Mullauer, M.H.S.

Health Physicist

Materials Licensing Branch

License No. 24-01570-03

Docket No. 030-02305

Enclosure: Amendment No. 55

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