



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

**JUL 11 2011**

Paul S. Jones, M.D.  
Radiation Safety Officer  
Freeman – Oak Hill Health System  
d/b/a Freeman Hospitals and Health System  
1102 West 32<sup>nd</sup> Street  
Joplin, MO 64804

Dear Dr. Jones:

Enclosed is Amendment No. 31 to your NRC Material License No. 24-17205-01 in accordance with your request dated June 10, 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.

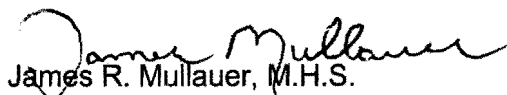
Please be advised that, prior to performing positron emission tomography (PET) imaging, you will need to amend your NRC license to include appropriate shielding information for your facility. In your amendment request you should include a copy of your facility diagrams and shielding calculations that 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."

Please note that we have reformatted Subitem Nos. 6, 7, and/or 9 and Condition No. 12 at this time to remove all references to excluded authorizations, including but not limited to authorizations such as "generators, xenon-133, aerosols, etc."

Please also note for the use of iodine-131, the standard language for hyperthyroid treatments have changed. Drs. Jones and Farnham are still authorized for iodine-131 therapy use only up to 33 millicuries.

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. 24-17205-01  
Docket No. 030-12360

Enclosure: Amendment No. 31