

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

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<p>Licensee</p> <p>1. Barnes-Jewish West County Hospital</p> <p>2. 12634 Olive Blvd St. Louis, MO 63141</p>	<p>In accordance with letter dated July 30, 2007,</p> <p>3. License number 24-26243-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date May 31, 2011</p> <p>5. Docket No. 030-31901 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p>
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9. Authorized Use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
 - B. Any imaging and localization study permitted by 10 CFR 35.200.

CONDITIONS

- 10. Location of Use: 12634 Olive Blvd., St. Louis, Missouri.
- 11. Radiation Safety Officer: John J. Chorzel, M.S.
- 12. Licensed material is only authorized for use by, or under the supervision of:
 - A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
 - B. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-26243-01

Docket or Reference Number
030-31901

Amendment No. 07

Authorized Users

Material and Use

Robert Gordon Levitt, M.D.	10 CFR 35.100 and 35.200.
William B. Dawson, M.D.	10 CFR 35.100 and 35.200.
Mary Middleton, M.D.	10 CFR 35.100 and 35.200.
Victor Davila-Roman, M.D.	10 CFR 35.200.
Farrokh Dehdashti, M.D.	10 CFR 35.100, 35.200.
Keith C. Fischer, M.D.	10 CFR 35.100 and 35.200.
Robert J. Gropler, M.D.	10 CFR 35.200.
Tom R. Miller, M.D., Ph.D.	10 CFR 35.100 and 35.200.
Mark A. Mintun, M.D.	10 CFR 35.100 and 35.200.
Henry D. Royal, M.D.	10 CFR 35.100 and 35.200.
Barry A. Siegel, M.D.	10 CFR 35.100 and 35.200.
Wade L. Thorstad, M.D.	10 CFR 35.100 and 35.200.
Jerold W. Wallis, M.D.	10 CFR 35.100 and 35.200.
Delphine Chen, M.D.	10 CFR 35.100 and 35.200.

13. The licensee shall limit the use of xenon-133 to the nuclear medicine procedure room number 2243.
14. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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16. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application received November 30, 2000; and
- B. Facsimile dated May 7, 2001.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date AUG 22 2007By *Toye L. Simmons*
Toye L. Simmons
Materials Licensing Branch
Region III