

**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.

Licensee

1. Midwest Division - RBH, LLC  
(d/b/a Research Belton Hospital)  
2. 17065 South 71 Highway  
Belton, MO 64012

In accordance with letter dated

**September 17, 2007,**

3. License number 24-24405-01 is amended in  
its entirety to read as follows:

4. Expiration date December 31, 2010

5. Docket No. 030-18606  
Reference No.

6. Byproduct, source, and/or special  
nuclear material

7. Chemical and/or physical form

8. Maximum amount that licensee may  
possess at any one time under this  
license

- A. Any byproduct material  
permitted by 10 CFR 35.100  
B. Any byproduct material  
permitted by 10 CFR 35.200  
C. Any byproduct material  
permitted by 10 CFR 35.300

A. Any  
B. Any  
C. Any

- A. As needed  
B. As needed  
C. 1 Curie

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.  
C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300 excluding iodine-131 for thyroid carcinoma therapy.

**CONDITIONS**

10. Licensed material may be used or stored only at the licensee's facilities located at 17065 South 71 Highway, Belton, Missouri.  
11. The Radiation Safety Officer for this license is Barry A. Gubin, M.D.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
24-24405-01Docket or Reference Number  
030-18606

Amendment No. 16

**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. The following individuals are authorized users for the materials and uses indicated:

Authorized UsersMaterial and Use

Barry A. Gubin, M.D.

10 CFR 35.100, 35.200, and 35.300 (excluding iodine-131 for thyroid carcinoma).

James E. Sear, M.D.

10 CFR 35.200.

13. The licensee will establish and implement the model personnel monitoring program in Appendix D of Regulatory Guide 10.8, Revision 2, August 1987.

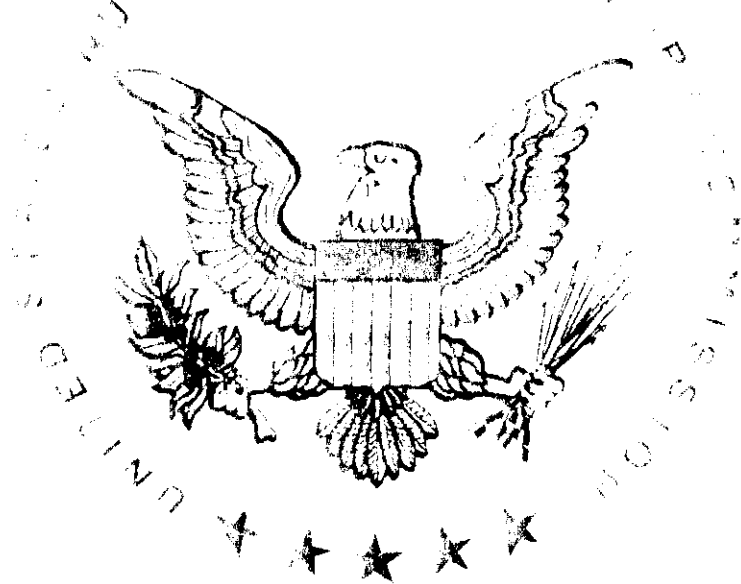
14. The licensee will establish and implement the model radiation safety procedures for radiopharmaceutical therapy in Appendix E of Regulatory Guide 10.8, Revision 2, August 1987.

15. In addition to the possession limit in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the maximum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
24-24405-01Docket or Reference Number  
030-18606

Amendment No. 16

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 dated June 28, 2000 (except Quality Management Program); and
- B. Letters dated March 26, 2003, April 15, 2003 (with enclosure) and January 10, 2005 (with enclosure).



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DEC 17 2007

Date \_\_\_\_\_

By

A handwritten signature in cursive script, reading "Toye L. Simmons", is written over a horizontal line.

Toye L. Simmons  
Materials Licensing Branch  
Region III