

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.

[Handwritten Signature]
Licensee

[Handwritten Number] 317056

- 1. Bates County Memorial Hospital
Nuclear Medicine Department
- 2. 615 W. Nursery Street
Butler, Missouri 64730

In accordance with the letters dated ~~May 8, 2007~~, **March 3, 2008 (with attached close-out surveys)**, facsimile letter dated **June 13, 2008**, and facsimile received **June 25, 2008**,

3. License number 24-18740-01 is amended in its entirety to read as follows:

4. Expiration date April 30, 2016

5. Docket No. 030-14114
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	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Iodine-131 permitted by 10 CFR 35.300	C. Any	C. 200 millicuries

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 (limited to hyperthyroid therapy).

CONDITIONS

- 10. Licensed material shall be received, used, and stored at the licensee's facility located at 615 W. Nursery Street, Butler, Missouri.
- 11. Radiation Safety Officer: Kenneth M. Jacob, M.D.
- 12. Licensed material is only authorized for use by, or under the supervision of:

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-18740-01

Docket or Reference Number
030-14114

Amendment No. 16

- 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 medical uses:

Authorized Users

Material and Use

Kenneth M. Jacob, M.D.

10 CFR 35.100, 35.200 and 35.300 for any diagnostic procedure and iodine-131 for hyperthyroidism treatments.

Wayne E. Putnam, D.O.

10 CFR 35.100, 35.200 and 35.300 for any diagnostic procedure.

13. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Materials."
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. 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 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 March 9, 2006.
- B. Letters dated **May 8, 2007**, and **March 3, 2008 (with attached close-out surveys); and**
- C. **Facsimile letter dated June 13, 2008; and**
- D. **Facsimile received June 25, 2008.**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUN 30 2008

By 
William P. Reichhold
Materials Licensing Branch
Region III