

U.S. NUCLEAR REGULATORY COMMISSION

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.

M. 02/20
Licensee

In accordance with letter dated *5/4/11*
April 13, 2011,

- 1. Bothwell Regional Health Center
- 2. 601 East 14th Street
Sedalia, MO 65302-1706

3. License number 24-16275-01 is **amended** in its entirety to read as follows:

4. Expiration date **May 31, 2020**

5. Docket No. 030-10715
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. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. As needed (not to exceed 1 curie of iodine-131)
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed sources (Bard, Model Nos. STM 1251 and Theragenics Corp. TheraSeed Model 200)	D. 1.6 curies total

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.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-16275-01

Docket or Reference Number
030-10715

Amendment No. 21

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 601 East 14th Street, Sedalia, Missouri.
11. Radiation Safety Officer: David H. Roehrs, M.D.
12. 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:

<u>Authorized Users</u>	<u>Material and Use</u>
James R. Farkas, M.D.	10 CFR 35.100, 35.200, and 35.300.
David H. Roehrs, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to diagnostic procedures which require a written directive).
Mark Bryer, M.D.	10 CFR 35.300 and 35.400
William E. Decker, M.D.	10 CFR 35.300 and 35.400
Steven J. Westgate, M.D.	10 CFR 35.300 and 35.400
Lawrence Lee, M.D.	10 CFR 35.100, 35.200 and 35.300

13. 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.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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, except for minor changes in the medical use radiation safety procedures as provided 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 February 8, 2010.

B. Letter dated April 13, 2011.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date MAY 04 2011

By James R. Mullauer
James R. Mullauer, M.H.S.
Materials Licensing Branch
Region III