

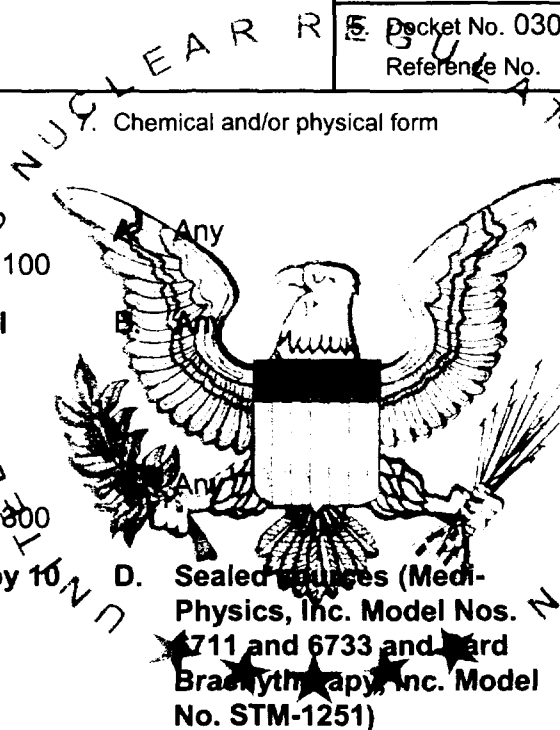
**MATERIALS LICENSE**

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.

PC 22120

315870

<p>Licensee</p> <ol style="list-style-type: none"> <li>Kirksville Missouri Hospital Company, LLC d/b/a Northeast Regional Medical Center, Inc.</li> <li>800 West Jefferson Kirksville, MO 63501</li> </ol>	<p>In accordance with letters dated <b>November 16, 2006, and January 15, 2007,</b></p> <ol style="list-style-type: none"> <li>License number 24-05245-01 is amended in its entirety to read as follows:</li> <li>Expiration date November 30, 2010</li> <li>Docket No. 030-02332 Reference No.</li> </ol>	
<p>6. Byproduct, source, and/or special nuclear material</p> <ol style="list-style-type: none"> <li>Any byproduct material permitted by 10 CFR 35.100</li> <li><b>Any byproduct material permitted by 10 CFR 35.200</b></li> <li>Any byproduct material permitted by 10 CFR 35.300</li> <li><b>Iodine-125, permitted by 10 CFR 35.400</b></li> <li>Any byproduct material permitted by 10 CFR 31.11</li> </ol>	<p>7. Chemical and/or physical form</p> <ol style="list-style-type: none"> <li>Any</li> <li>Any</li> <li>Any</li> <li><b>Sealed sources (Medi-Physics, Inc. Model Nos. 6711 and 6733 and Card Brachytherapy, Inc. Model No. STM-1251)</b></li> <li>Prepackaged Kits</li> </ol>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <ol style="list-style-type: none"> <li>As needed</li> <li>As needed</li> <li>As needed (not to exceed 1 curie of I-131)</li> <li><b>300 millicuries</b></li> <li>As needed</li> </ol>



## 9. Authorized Use:

- Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- Any imaging and localization study permitted by 10 CFR 35.200.
- Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- Any manual brachytherapy procedure permitted by 10 CFR 35.400.**
- In vitro studies.

# **MATERIALS LICENSE SUPPLEMENTARY SHEET**

License Number  
24-05245-01

Docket or Reference Number  
030-02332

Amendment No. 42

## CONDITIONS

10. Location of Use: 800 West Jefferson, Kirksville, Missouri.
11. Radiation Safety Officer: Paul M. Williams, D.O.
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 medical use as indicated:

### Authorized Users

### Material and Use

Paul M. Williams, D.O.

10 CFR 35.100, 35.200, 35.300, and 31.11.

Catherine McDermott Barteau, D.O.

10 CFR 35.100, 35.200, 35.300 (excluding iodine-131 for  
therapy) and 31.11.

Lowell I. Gerber, M.D.

10 CFR 35.200 (excluding sodium iodide in quantities  
greater than 30 microcuries)

Steven J. Westgate, M.D.

Iodine-125 in 10 CFR 35.400.

Mark Bryer, M.D.

Iodine-125 in 10 CFR 35.400.

Jay Allen, M.D.

Iodine-125 in 10 CFR 35.400.

13. The licensee shall collect spent aerosol in a shielded trap and, for reusable traps, monitor the trap effluent with an air contamination monitor that will be checked regularly according to the manufacturer's instruction.
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."

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

24-05245-01

Docket or Reference Number

030-02332

Amendment No. 42

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 October 19, 2000, and
- B. Letters dated November 15, 2000, December 10, 2002, May 1, 2003, October 7, 2003, **November 16, 2006, and January 15, 2007**; and
- C. Facsimile dated January 24, 2001.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 19 2007

By

Colleen Carol Casey  
Colleen Carol Casey  
Materials Licensing Branch  
Region III