

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. *OC 02/20* *574415*

<p style="text-align: center;">Licensee</p> <p>1. Freeman - Oak Hill Health System d/b/a Freeman Hospitals and Health System</p> <p>2. 1102 West 32nd Street Joplin, MO 64804</p>	<p>In accordance with the letter dated February 7, 2011 and the application dated February 16, 2011,</p> <p>3. License number 24-17205-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2013</p> <hr/> <p>5. Docket No. 030-12360</p> <p>Reference No.</p>
---	--

<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>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any (excluding xenon-133)</p> <p>C. Any</p> <p>D. Sealed Sources (AEA Technology, formerly Amersham, Model CDC.T1 J Series Tube Sources and 3M Series 6500 Tube Sources)</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> <p>C. As needed (not to exceed 1 curie of iodine-131)</p> <p>D. One curie</p>
--	--	---

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
24-17205-01

Docket or Reference Number
030-12360

Amendment No. 30

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 1102 West 32nd Street, Joplin, Missouri and at 932 East 34th Street, Joplin, Missouri.
11. The Radiation Safety Officer for this license is Paul S. Jones, M.D.
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:**
- | <u>Authorized Users</u> | <u>Material and Use</u> |
|----------------------------|---|
| Paul S. Jones, M.D. | 10 CFR 35.100 and 35.200, and 35.300 (excluding iodine-131 for treatment of thyroid carcinoma). |
| John K. Williams, M.D. | 10 CFR 35.100 and 35.200. |
| B. Michael Driver, M.D. | 10 CFR 35.300 and 35.400. |
| Mark Farnham, M.D. | 10 CFR 35.100, 35.200, and 35.300 (excluding iodine-131 for treatment of thyroid carcinoma). |
| David Lawrence Wells, M.D. | 10 CFR 35.100 and 35.200. |
- C. The following individual is an authorized medical physicist: David S. Goodin, Ph.D.
13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
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. 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
24-17205-01Docket or Reference Number
030-12360

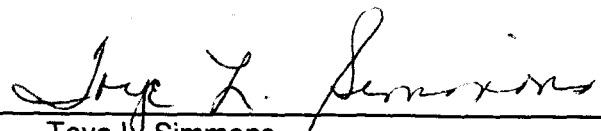
Amendment No. 30

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. Applications dated December 6, 2002 and **February 16, 2011**;
 - B. Letters dated December 10, 2001, January 4, 2002, December 6, 2002, June 5, 2003, April 19, 2007, and **May 3, 2011**;
 - C. Letter received April 26, 2004 (with three attached "Instructions for Use" Addendums for the Guidant Galileo Source Delivery Unit); and
 - D. Facsimile received July 8, 2007.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date MAY 11 2011

By

Toye L. Simmons
Materials Licensing Branch
Region III