

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.

<p>Licensee</p> <p>1. Schoolcraft Memorial Hospital</p> <p>2. 500 Main Street Manistique, MI 49854</p> <p style="font-size: 2em; margin-left: 20px;"><i>PC02121</i></p>	<p>In accordance with the letter received March 22, 2010,</p> <p>3. License number 21-16542-03 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date August 31, 2012</p> <hr/> <p>5. Docket No. 030-29993 Reference No. <i>218929</i></p>
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<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. Gadolinium-153 permitted by 10 CFR 35.500</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Sealed Source (DuPont Pharmaceutical Model NES-8429)</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. 4 sources, not to exceed 450 millicuries per source. Total activity 1800 millicuries.</p>
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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. Two sources for medical use as permitted by 10 CFR 35.500, in a GE Medical Systems Model MG ATC Rod Unit (P/N ASM 000415) Attenuation Correction System. Two sources in their shipping containers for replacement of sources.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 500 Main Street, Manistique, Michigan.
- 11. The Radiation Safety Officer for this license is **Tom R. Miles, 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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-16542-03

Docket or Reference Number
030-29993

Amendment No. 13

B. The following individuals are authorized users for medical use as indicated:

Authorized Users

Material and Use

Leon Kinasiewicz, M.D.

10 CFR 35.100, 35.200 and gadolinium-153 in G.E. MG ATC Rod Unit attenuation correction system for medical radiography.

Tom R. Miles, D.O.

10 CFR 35.100, 35.200 and gadolinium-153 in G.E. MG ATC Rod Unit attenuation correction system for medical radiography.

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. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
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."
16. The licensee shall develop and will implement and maintain written waste disposal procedures for sealed sources in accordance with 10 CFR 20.1101, that also meet the requirements of the applicable section of Subpart K to 10 CFR Part 20.
17. 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 July 19, 2002; and

B. Letters dated February 18, 2004 and **March 17, 2010**; and

C. Facsimile letter dated May 12, 2004.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUN 07 2010

By 
William P. Reichhold
Materials Licensing Branch
Region III