

U.S. NUCLEAR REGULATORY COMMISSION

**Amendment No. 24**

**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 style="text-align: center;">Licensee</p> <p>1. <b>Portage Health</b></p> <p>2. 500 Campus Drive Hancock, MI 49930</p>	<p>In accordance with the letters dated <b>January 23, 2014</b>,</p> <p>3. License number 21-18525-01 is amended in its entirety as follows:</p> <hr/> <p>4. Expiration date <b>September 30, 2014</b></p> <hr/> <p>5. Docket No. 030-13827 Reference No.</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>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</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>
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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.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at **Portage Health**, 500 Campus Drive, Hancock, Michigan.
- 11. The Radiation Safety Officer for this license is Paul Anthony Lyle, 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:
  - 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:

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
21-18525-01

Docket or Reference Number  
030-13827

**Amendment No. 24**

Authorized Users

Material and Use

Paul Anthony Lyle, M.D.

10 CFR 35.100 and 35.200.

Ethelbert M. Lara, M.D.

10 CFR 35.100 and 35.200.

Nathan D. McParlan, M.D.

10 CFR 35.100 and 35.200.

13. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
14. 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 12, 2004; and
- B. Letters dated March 9, 2004, March 12, 2004, July 25, 2005 and **two letters dated January 23, 2014 (one letter signed by Jeffrey Seraphine and one letter signed by Jim Bogan).**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date FEB 06 2014

By *William P. Reichhold*  
William P. Reichhold  
Materials Licensing Branch  
Region III