

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 42

**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.

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<p>Licensee</p> <p><b>1. McLaren Lapeer Region</b></p> <p>2. 1375 North Main Street Lapeer, MI 48446</p>	<p>In accordance with the letter dated <b>November 16, 2011</b>,</p> <p>3. License number 21-11553-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date December 31, 2013</p> <hr/> <p>5. Docket No. 030-02102</p> <p>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>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</p> <p>C. Any</p> <p>D. Sealed sources (Mills Biopharmaceuticals, Inc. model I-125 SL and Theragenics Corporation, TheraSeed®, Model 200)</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. 1000 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. Any therapy procedure permitted by 10 CFR 35.300.
  - D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

CONDITIONS

- 10. A. Licensed material shall be used or stored at the licensee's facilities located at 1375 North Main Street, Lapeer, Michigan.
- B. Licensed material listed in 6. B. may be used at Lake Orion Cardiology, 720 N. Lapeer Road, Lake Orion, Michigan.

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11. Radiation Safety Officer: Kenneth P. Tarr, 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 the materials and uses indicated:

Authorized Users

Material and Use

**Donna Ruth Moyer, D. O.**

**10 CFR 35.100 and 35.200.**

Kenneth P. Tarr, D.O.

10 CFR 35.100 and 35.200

M. S. Lum, D.O.

10 CFR 35.100 and 35.200.

Reese J. James, D.O.

10 CFR 35.100 and 35.200.

**Adam R. Schwaderer**

**10 CFR 35.100, 35.200 and 35.300 (for iodine-131, oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).**

Edward V. Kotlyarov, M.D.

10 CFR 35.100, 35.200 and 35.300 (for iodine-131, oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).

Hesham M. El Gayer, M.D.

10 CFR 35.300 and 35.400.

Jack L. Nettleton, M.D.

10 CFR 35.300 (excluding hypothyroid therapy using iodine-131) and 35.400.

William E. Naill, Jr., M.D.

10 CFR 35.400.

**Kevin R. Carter, D.O.**

**10 CFR 35.100, 35.200 and 35.300 (for iodine-131, oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).**

C. The following individual is an authorized medical physicist: Arthur J. Ewald, M.S.

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 only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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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. 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 June 27, 2003;
  - B. Letters dated November 4, 2004, March 24, 2011, **November 16, 2011, January 13, 2012**; and
  - C. Facsimile dated April 22, 2011.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 26 2012

By

Toye L. Simmons  
Materials Licensing Branch  
Region III