

**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.

*PCO-2120* *576855*

<p>Licensee</p> <p><b>1. McLaren Medical Center-Bay Region Nuclear Medicine</b></p> <p><b>2. 1900 Columbus Avenue Bay City, MI 48708</b></p>	<p>In accordance with the letter dated <b>January 25, 2012,</b></p> <p>3. License number 21-18585-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date December 31, 2014</p> <p>5. Docket No. 030-13900 Reference No.</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. As needed (not to exceed one curie of iodine-131)
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed sources (Implan Sciences Corp. Model No. 3500, Medi-Physics Inc./Amersham Model No. 6711 Oncoseed, Mills Biopharmaceutical, Mentor Model Nos. I-125SL I-125SH, and IsoAid, L.L.C. Model IAI 125A Advantage)	D. One curie

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  
21-18585-01  
Docket or Reference Number  
030-13900

Amendment No. 51

CONDITIONS

10. A. Location of Use: 1900 Columbus Avenue, Bay City, Michigan.
- B. Licensed material listed in Subitem No. 6.B. may be used at the licensee's facilities located at 315 East Warwick Drive, Alma, Michigan.
11. Radiation Safety Officer: Tyre K. 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:

Authorized Users

Material and Use

Rajnikant H. Mehta, M.D.

10 CFR 35.400.

Rajesh P. Kotecha, M.D.

10 CFR 35.400.

Paul G. Kocheril, M.D.

10 CFR 35.400.

James F. Littles, M.D.

10 CFR 35.400.

Bassam Daghman, M.D.

10 CFR 35.100 and 35.200.

Gualberto Buzon, M.D.

10 CFR 35.100 and 35.200.

Remesh Vedula, M.D.

10 CFR 35.400.

Salwan L. Toma, M.D.

10 CFR 35.100 and 35.200.

Stephen A. Messana, D.O.

10 CFR 35.100, 35.200 and 35.300.

James P. Finch, D.O.

10 CFR 35.100 and 35.200.

Tyre K. Jones, M.D.

10 CFR 35.100, 35.200 and 35.300.

13. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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.

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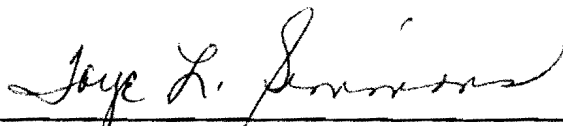
Amendment No. 51

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 22, 2004; and,
- B. Letters dated June 22, 2004, April 28, 2004, September 9, 2004, July 27, 2005, March 14, 2007, and November 5, 2007, March 28, 2011 and **January 25, 2012**; and;
- C. Facsimile letter dated January 25, 2008.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date APR 23 2012

By

Toye L. Simmons  
Materials Licensing Branch  
Region III