

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 02120

315832

Licensee

1. Memorial Medical Center
of West Michigan
2. One Atkinson Drive
Ludington, MI 49431

In accordance with the letter dated
November 6, 2006 (with attachments),

3. License number 21-16737-01 is amended in
its entirety to read as follows:

4. Expiration date May 31, 2011

5. Docket No. 030-11565

Reference No.

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. 500 millicuries

D. Any byproduct material
permitted by 10 CFR 31.100

D. Prepackaged Kits

D. As needed

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 (excluding iodine-131 for treatment of thyroid carcinoma).

D. In vitro studies.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

21-16737-01

Docket or Reference Number

030-11565

Amendment No. 16

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at One Atkinson Drive, Ludington, Michigan.
11. A. The Radiation Safety Officer for this license is Darin Gurizzian, D.O.
B. The Assistant Radiation Safety Officer for this license is Ann Koss, 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 medical use as indicated:

Authorized UsersMaterial and Use

- A. Ann Koss, D.O. 10 CFR 35.100, 35.200, and 31.11.
- B. Darin Gurizzian, D.O. 10 CFR 35.100, 35.200, and 31.11.
- C. Cynthia Blount, D.O. 10 CFR 35.100, 35.200, 10 CFR 35.300 (excluding iodine-131 for treatment of thyroid carcinoma) and 31.11.

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 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. Applications dated April 24, 2001, and January 14, 2003; and
 - B. Letter dated January 18, 2006, and November 6, 2006 (with attachments); and
 - C. Facsimile letter dated March 31, 2006.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 23 2007

By

William P. Reichhold
Materials Licensing Branch
Region III