NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 23

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.

Licensee	In accordance with letter dated **March 13, 2009,**
1. Mercy Health Services North Grayling 2. 1100 East Michigan Avenue Grayling, MI 49738	3. License number 21-16489-01 is amended in its entirety to read as follows:
	4. Expiration date August 31, 2011
	5. Docket No. 030-11125 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 35.400	C. Sealed sources (Bard Model No. STM 1251)	C. No single source to exceed 15 millicuries, 200 millicuries total

9. Authorized Use:

A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.

B. Any imaging and localization study permitted by 10CFR 35.200.

C. Any manual brachytherapy procedure permitted by 10CFR 35.400.

CONDITIONS

10. Location of Use: 1100 East Michigan Avenue, Grayling, Michigan.

11. The Radiation Safety Officer for this license Robert L. Balestrero, 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 uses:

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SUPPLEMENTARY SHEET

License Number
21-16489-01

Docket or Reference Number
030-11125

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Authorized User	Material Uses
David Keith Heimburger, M.D.	10 CFR 35.400.
Patrick McNamara, M.D.	10 CFR 35.100 and 35.200.
Robert L. Balestrero, M.D.	10 CFR 35.100 and 35.200.
Michael E. Schulte, M.D.	10 CFR 35.200.
David K. MacIntosh, D.O.	10 CFR 35.200.
John N. Beattie, M.D.	10 CFR 35.200.
Thomas W. Crosby, M.D.	10 CFR 35.200.
John Andrew Varner, D.O.	10 CFR 35.200.

13. The licensee shall follow the procedures found in Appendix O "Model Procedure for Monitoring, Calculating, and Controlling Air Concentrations" found in Regulatory Guide 10.8, Revision 2 dated August 1987 for use of radioactive gases and radioactive aerosols.

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."

15. 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 10CFR 30.35(d) for establishing decommissioning financial assurance.

16. 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.

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A. Application dated July 20, 2001; and,

B. Letters dated June 26, 2003; and March 31, 2008 (with attached facility diagram), **March 13, 2009**; and

C. Facsimile letter dated June 16, 2005

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date APR 14 2009

By James Mullauer
James R. Mullauer, M.H.S.
Materials Licensing Branch
Region III