NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 47

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.

MC 02130 Licensee

3/7/09

1. Emma L. Bixby Medical Center
   Department of Radiology
2. 818 Riverside Avenue
   Adrian, MI 49221

In accordance with letter dated **April 15, 2008,**

3. License number 21-03194-01 is amended in its entirety to read as follows:

4. Expiration date September 30, 2014

5. Docket No. 030-02027
   Reference No. 030-18540

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 1 curie of iodine-131)
D. Any byproduct material permitted by 10 CFR 31.11	D. Prepackaged Kits	D. As needed
E. Any byproduct material permitted by 10 CFR 35.400	E. Sealed sources (Bard Brachytherapy, Inc. Model STM 1251, and Theragenics Corporation Model No. 200)	E. 3.0 curies total
F. Gadolinium-153	F. Sealed sources (Lunar Radiation Corporation Model GD Series)	F. Two sources not to exceed 1.5 curies each

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. In vitro studies.

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

F. Possession and storage only incident to disposal.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
21-03194-01

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030-02027

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CONDITIONS

10. A. Licensed material shall be used at the licensee's facilities located at 818 Riverside Avenue, Adrian, Michigan.

B. Licensed material in Items 6.A. and 6.B. may be used at medical care facilities anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of material.

C. Licensed material in Items 6.A., 6.B. and 6.F. shall be used at the licensee's facilities located at 500 East Pottawatamie Street, Tecumseh, Michigan..

11. Radiation Safety Officer: John E. Freitas, 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
Wayne S. Court, M.D.	10 CFR 35.300 and 35.400
Rajender K. Ahuja, M.D.	10 CFR 35.300 and 35.400
Gerald W. Marsa, M.D.	10 CFR 35.300 and 35.400
William K. Mueller, M.D.	10 CFR 35.300 and 35.400
Steven R. Zeidner, M.D.	10 CFR 35.300 and 35.400
Steven J. Rubin, M.D.	10 CFR 35.300 and 35.400
John Feldmeier, D.O.	10 CFR 35.300 and 35.400
Faheem Ahmad, M.D.	10 CFR 35.300 and 35.400
Harold A. Johnson, M.D.	10 CFR 35.300 and 35.400
Dhaval Kirit Parikh, M.D.	10 CFR 35.400
Henry R. Silverman III, M.D.	10 CFR 35.100 and 35.200
Sean Theisen, M.D.	10 CFR 35.100 and 35.200

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John E. Freitas, M.D.	10 CFR 35.100, 35.200, 35.300 and 31.11
James A. Fugazzi, M.D.	10 CFR 35.300 and 35.400
Joaquin O. Uy, M.D., Ph.D.	10 CFR 35.100, 35.200, 35.300 and 31.11
Roger T. Kucway, M.D.	10 CFR 35.400

13. 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."

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 financial assurance for decommissioning.

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 received July 29, 2004 and December 8, 2004

    B. Letters dated May 18, 2005, August 13, 2007, August 22, 2007, May 1, 2008; and

    C. Facsimiles dated July 26, 2006 and July 31, 2006.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUL 18 2008

By Toye L. Simmons

Toye L. Simmons
Materials Licensing Branch
Region III