



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351
NOV 17 2004

Daryl R. Melvin, M.D.
Radiation Safety Officer
Thoracic & Cardiovascular Institute
405 W. Greenlawn, Suite 220
Lansing, MI 48910

Dear Dr. Melvin:

Enclosed is Amendment No.14 to your NRC Material License No. 21-20313-01 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or pdr@nrc.gov.

Sincerely,

A handwritten signature in cursive script that reads "Toyé L. Simmons".

Toyé L. Simmons
Materials Licensing Branch

License No. 21-20313-01
Docket No. 030-18237

Enclosure: Amendment No. 14

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.

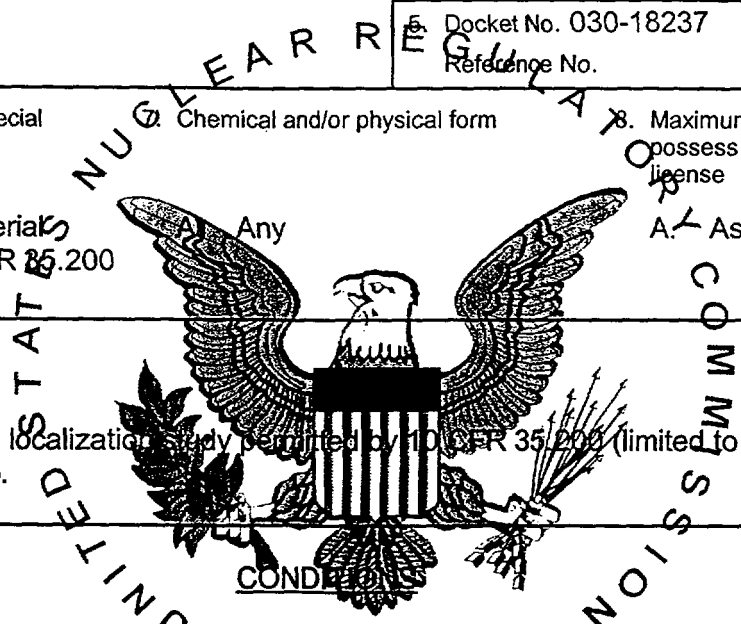
MC 08201

313771

<p>Licensee</p> <p>1. Thoracic & Cardiovascular Institute</p> <p>2. 405 West Greenlawn - Suite 220 Lansing, MI 48910</p>	<p>In accordance with the letter dated September 1, 2004,</p> <p>3. License number 21-20313-01 is amended in its entirety as follows:</p> <p>4. Expiration date May 31, 2013</p> <p>5. Docket No. 030-18237 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct materials permitted by 10 CFR 35.200</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p>
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<p>9. Authorized Use:</p> <p>A. Any imaging and localization study permitted by 10 CFR 35.200 (limited to cardiovascular clinical procedures only).</p>



- 10. Licensed material shall be used only at the licensee's facilities located at 401 W. Greenlawn, Lansing, Michigan and 1205 Mission, Mt. Pleasant, Michigan.
- 11. Radiation Safety Officer: Daryl R. Melvin, 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:

<u>Authorized Users</u>	<u>Material and Use</u>
Daryl R. Melvin, M.D.	10 CFR 35.200.
Edward T. Helble, D.O.	10 CFR 35.200.
George E. Kleiber, D.O.	10 CFR 35.200.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-20313-01

Docket or Reference Number
030-18237

Amendment No. 14

- Marshall S. Spencer, M.D. 10 CFR 35.200.
- James A. Shafer, M.D. 10 CFR 35.200.
- Ronald A. Voice, M.D. 10 CFR 35.200.
- Carlos A. Velez, M.D. 10 CFR 35.200.
- Michael Brown, D.O. 10 CFR 35.200.
- Kirk B. Laman, D. O. 10 CFR 35.200.

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."
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 radioactive material possession 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 February 25, 2003; a
 - B. Letters dated January 21, 2004 and September 1, 2004.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 17 2004

By Toye L. Simmons
 Toye L. Simmons
 Materials Licensing Branch
 Region III



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

October 13, 2004

Daryl R. Melvin, M.D.
Radiation Safety Officer
Thoracic & Cardiovascular Institute
405 W. Greenlawn, Suite 220
Lansing, MI 48910

SUBJECT: ACKNOWLEDGMENT OF CORRESPONDENCE
(Letter Dated 9/1/2004)

Dear Daryl R. Melvin, M.D.:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

 New License ✓ Amendment Termination

No Administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is routine (see 1-2 below, as applicable).

1. New and Amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number(s). Please direct any questions concerning your request to the Materials Licensing Branch at (630) 829-9887.

Materials Licensing Branch

Mail Control No. 313771
License No. 21-20313-01