

# **MidMichigan Medical Center**

---

## **Midland**

**May 7, 2010**

United States Nuclear Regulatory Commission  
Region III, Materials Licensing  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

**RE: Amendment to NRC License No. 21-01549-02  
Addition of authorized user**

Dear Sir/Madam:

We would like to amend our current NRC license to reflect the following change.

**Item #1**

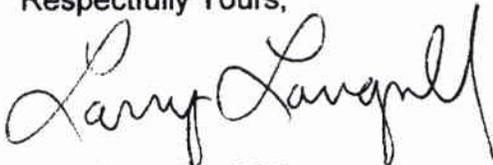
Please add the following physician as an authorized user for materials licensed under 10 CFR 35.100 and 35.200 to our NRC license:

**Robert A. Genovese, M.D.      10 CFR 35.100 and 35.200**

Dr. Genovese is currently listed as an authorized user on NRC license #21-26447-01 (Michigan Cardiovascular Institute).

Thank you. If you have any questions or require additional information, please contact myself at 989-839-3452, or our physics consultant, Sharon Updike at 734-662-3197.

Respectfully Yours,



Larry Langrill, RSO  
MidMichigan Medical Center  
Midland, Michigan 48670-0001

**Official Use Only- Security-Related Information**

NRC FORM 374

PAGE 1 OF 4 PAGES

Amendment No. 26

U.S. NUCLEAR REGULATORY COMMISSION

**MATERIALS LICENSE**

In accordance with 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.

<p>1. Michigan CardioVascular Institute</p> <p>2. 1015 S. Washington Ave. Saginaw, MI 48601</p>	<p>In accordance with the letter dated April 10, 2009, and facsimile dated June 26, 2009,</p> <p>3. License number 21-26447-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date April 30, 2013</p> <p>5. Docket No. 030-32923 Reference No.</p>
---	---

<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Gadolinium-153</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Sealed sources (IPL Model No. 301B or DuPont Model No. NES-8424)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. Four sources total, not to exceed 323 millicuries each</p>
---	--	--

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. Two sources to be used in an SMV American Transmission Attenuation Correction (TAC) Source Holder Model PS-96 device for medical radiography in humans. Two sources in shipping containers for replacement of the sources.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 1015 S. Washington Avenue, Saginaw, Michigan; 301 W. Wakerly, Midland, Michigan, and 315 East Warwick, Suite E, Alma, Michigan.
11. Radiation Safety Officer: Jeffery W. Camey, M.D.

**Official Use Only- Security-Related Information**

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 4 PAGES

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

21-26447-01

Docket or Reference Number

030-32923

Amendment No. 26

**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 the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Jeffery W. Carney, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
Sarosh Anwar, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
Robert A. Genovese, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
David W. T. Chen, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
Tanveer Malik, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
Safawan Kassas, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
Alok Maheshwari, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
Gregory G. Pellizzoni, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.
Susan M. Sallach, M.D.	10 CFR 35.100, 35.200 and gadolinium-153 for medical radiography in humans.

13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source received from another person shall not be put into use until tested.

**Official Use Only- Security-Related Information**

**MidMichigan**  
Medical Center  
Midland



**RADIATION ONCOLOGY**  
4005 Orchard Drive  
Midland, MI 48670

Phone: (989) 839-3450  
Fax: (989) 839-1347

**FAX TRANSMITTAL**

**Date:** 5-7-10

**To:** REGION III, NUCLEAR REGULATORY COMMISSION  
LISLE, ILL 60532-4352

**Fax No.:** 630-515-1078

**From:** HARRY LANGRILL, RSO

**No. of Pages:** 4

AMENDMENT REQUEST TO ADD  
AUTHORIZED USER.

\*\*\*\*CONFIDENTIAL\*\*\*\*

*If this document is not received in its entirety, please call (989)839-3450.*

The documents accompanying this transmission contain confidential information that is legally privileged. This information is intended only for the use of the individual or entity named above. The authorized recipient of this information is prohibited from disclosing this information to any other party unless required to do so by law or regulation and is required to destroy the information after its stated need has been fulfilled.

If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or action taken in reliance on the contents of these documents, is strictly prohibited. If you have received this information in error, please notify the sender immediately and arrange for the return or destruction of these documents.