



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4352

NOV 17 2004

Jeffrey J. McClure, M.D.
Radiation Safety Officer
Metropolitan Hospital
1919 Boston Ave. S. E.
Grand Rapids, MI 49506

Dear Dr. McClure:

Enclosed is Amendment No. 47 to your NRC Material License No. 21-12829-01 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.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

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 "Toye L. Simmons".

Toye L. Simmons
Materials Licensing Branch

License No. 21-12829-01
Docket No. 030-02134

Enclosure: Amendment No. 47

MATERIALS LICENSE

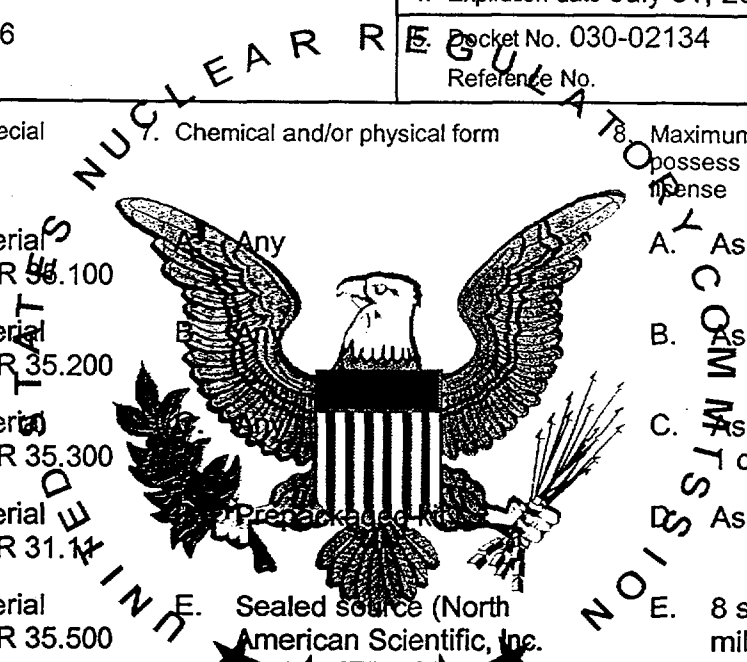
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, 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.

PC 02120

313806

<p>Licensee</p> <p>1. Metropolitan Hospital</p> <p>2. 1919 Boston Ave., S.E. Grand Rapids, MI 49506</p>	<p>In accordance with letter dated October 12, 2004,</p> <p>3. License number 21-12829-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date July 31, 2014</p> <p>5. Pocket No. 030-02134 Reference No.</p>
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<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. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 31.14</p> <p>E. Any byproduct material permitted by 10 CFR 35.500</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Prepackaged kit</p> <p>C. Sealed source (North American Scientific, Inc. Model MED 360) or DuPont Merck Model NES-8412)</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. As needed (not to exceed 1 curie of iodine-131)</p> <p>D. As needed</p> <p>E. 8 sources, not to exceed 300 millicuries each</p>
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<p>9. Authorized Use:</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.</p> <p>D. In vitro studies.</p> <p>E. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-12829-01

Docket or Reference Number
030-02134

Amendment No. 47

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at Metropolitan Hospital, 1919 Boston Ave., S.E., Grand Rapids, Michigan.
- 11. The Radiation Safety Officer for this license is Jeffrey J. McClure, 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, authorized nuclear pharmacist, and/or authorized medical physicist 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

Robert D. DeGuzman, D.O.	10 CFR 35.100, 35.200, 35.500 and 31.11.
Paul Kovack, D.O.	10 CFR 35.200 limited to cardiovascular clinical procedures, and 35.500.
Jeffrey J. McClure, M.D.	10 CFR 35.100, 35.200, 35.300, 35.500, and 31.11.
Stephen Brink, M.D.	10 CFR 35.100, 35.200 and 35.300.
Kerry John Larson, M.D.	10 CFR 35.100, 35.200 and 35.300.
Eric T. Walchak, D. O.	10 CFR 35.100 and 35.200 limited to cardiovascular clinical procedures

- 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."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
21-12829-01Docket or Reference Number
030-02134

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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 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 April 27, 2004; and
- B. Letter dated October 12, 2004.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 17 2004By *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 22, 2004

Jeffrey J. McClure, M.D.
Radiation Safety Officer
Metropolitan Hospital
1919 Boston Avenue, S. E.
Grand Rapids, MI 49506

SUBJECT: ACKNOWLEDGMENT OF CORRESPONDENCE
(Letter Dated 10/12/04)

Dear Jeffrey J. McClure, 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 Nos. 313806
License Nos. 21-12829-01