

**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.

*PC02121**57359*

Licensee

In accordance with the letter dated

**May 14, 2010, received August 18, 2010,**3. License number 21-32168-01 is **amended** in its entirety to read as follows:

4. Expiration date May 31, 2018

5. Docket No. 030-34992

Reference No.

1. Charlevoix Area Hospital

2. 14700 Lakeshore Drive  
Charlevoix, MI 497206. 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 licenseA. 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

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.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 14700 Lakeshore Drive, Charlevoix, Michigan.

11. The Radiation Safety Officer for this license is Carl D. Harlan, 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.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
21-32168-01Docket or Reference Number  
030-34992**Amendment No. 04**

B. The following individual is an authorized user for medical use as indicated:

Authorized UserMaterial and Use

Carl D. Harlan, M.D.

10 CFR 35.100 and 35.200.

12. 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."
13. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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.

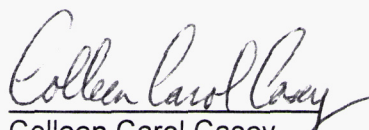
A. Application dated November 11, 2008; **and,**

**B. Letter dated May 14, 2010, received August 18, 2010.**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 16 2010

By

  
Colleen Carol Casey  
Materials Licensing Branch  
Region III