NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 18

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 317190

Licensee	
1. Carson City Hospital	In accordance with the letter dated **May 23, 2008**, and facsimile letter dated **July 28, 2008**,
2. 406 E. Elm Street P.O. Box 879 Carson City, MI 48811-0879	3. License number 21-16339-01 is amended in its entirety to read as follows:
	4. Expiration date May 31, 2016
	5. Docket No. 030-10847 Reference No.

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. Iodine-131 permitted by 10 CFR 35.300	C. Sodium iodide	C. 30 millicuries

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 sodium iodide iodine-131 uptake, imaging and localization study permitted by 10 CFR 35.300.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 406 E. Elm Street, Carson City, Michigan.

11. The Radiation Safety Officer for this license is Donna R. Moyer, D.O.

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:

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
21-16339-01

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Authorized Users	Material and Use
Donna R. Moyer, D.O.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
Reese J. James, D.O.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
Eduard V. Kotlyarov, M.D.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
David A. Kellam, D.O.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
Leighton M. S. Lum, D.O.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
Kenneth P. Tarr, D.O.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
Herbert R. Kaufman, D.O.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
Richard F. Grzybowski, D.O.	10 CFR 35.100, 35.200, and oral administration of sodium iodide iodine-131 for uptake, imaging and localization studies.
Michael J. Hecimovich, D.O.	10 CFR 35.100 and 35.200.

13. The licensee is authorized to transport licensed material 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 decommissioning financial assurance.**

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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 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 9, 2006; and,

B. Letters dated April 10, 2006, and **May 23, 2008**; and

C. Facsimile letter dated July 28, 2008 (with facility diagram).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date AUG 0 6 2008

By William P. Reichhold
William P. Reichhold
Materials Licensing Branch
Region III