NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 07

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.

RC 02121 313706

Licensee	In accordance with letters dated **August 27, 2004 and December 1, 2004,**
1. St. John River District Hospital	3. License number 21-26213-01 is amended in its entirety to read as follows:
2. 4100 South River Road East China, MI 48054	4. Expiration date March 31, 2011 5. Docket No. 030-31795 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, excluding xenon-133	B. As needed
C. Gadolinium-153	C. Sealed source (Isotope Products Model 301B or DuPont Merck Model No. CNES-84-24)	C. 4 sources, not to exceed 323 millicuries each

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 (excluding xenon-133).

C. Two sources to be used in SMV Model PS 96 Transmission Attenuation Correction source holder 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 4100 South River Road, East China, Michigan.

11. Radiation Safety Officer: H. Tansuche, M.D.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
21-26213-01

Docket or Reference Number
030-31795

Amendment No. 07

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:

	Authorized Users	Material and Use
A.	Clare A. Scheurer, Jr., M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
B.	Jose A. Carrion, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
C.	Kaneez B. Shaikh, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
D.	H. Tansuche, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
E.	Herminio Calderon, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
F.	Frederick Coop, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
G.	Peter Clive, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
H.	David Tracy, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
I	Leopold Fregoli, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
J.	Daniel Shogren, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.
K.	John Ference, M.D.	10 CFR 35.100, 35.200 (excluding xenon-133) and gadolinium-153 in SMV devices for medical radiography.

13. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.

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.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
21-26213-01

Docket or Reference Number
030-31795

Amendment No. 07

15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

16. 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. Letters dated December 12, 2000, May 12, 1999, **August 27, 2004 and December 1, 2004.**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date DEC 0 6 2004

By Loren J. Hueter
Loren J. Hueter
Materials Licensing Branch
Region III