

**CRITTENTON HOSPITAL
MEDICAL CENTER**

Quality Care... Close to Home & Work

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Region III Materials Licensing Section	William Bell, Jr.
COMPANY:	DATE:
NRC	1/25/2008
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
(630) 829-9782	Seven (7)
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
(248) 652-5111	License No. 21-13562-01
RE:	YOUR REFERENCE NUMBER:
License Amendment Request	N/A

URGENT ☒ FOR REVIEW PLEASE COMMENT PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

To Whom It May Concern:

Thank you for your cooperation with this faxed license amendment request.

Have a Blessed Day

[CLICK HERE AND TYPE RETURN ADDRESS]

January 25, 2008

**UNITED STATES NUCLEAR REGULATORY COMMISSION
Region III, Materials Licensing Section
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352**

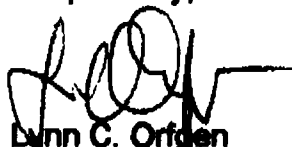
Re: License No. 21-13562-01, Crittenton Hospital.

Please add Carla Cook, M.D. as an authorized user for 35.400 and iridium-192 for medical use in a High dose Rate Remote Afterloading Brachytherapy Unit. Dr. Cook is listed as an AU on License # 21-04080-01 which is enclosed for your review.

Please add Dr. V. Elaine Arterbery, M.D. as an authorized user for 35.300. She is currently listed as an AU on our license for 35.400. Dr. Arterbery is listed as an AU for 35.300 on license #21-06217-02 which is enclosed for your review.

Thank you for you cooperation with this matter. If you have any questions or require additional information please contact our physicist, Michelle L. Kritzman, at (734) 662-3197.

Respectfully,



**Lynn C. Orfgen
President & Chief Executive Officer
Crittenton Hospital Medical Center
Rochester, Michigan 48307**

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.

<p>Licensee</p> <p>1. Mount Clemens Regional Medical Center</p> <p>1000 Harrington Blvd. Mount Clemens, MI 48043</p>	<p>In accordance with the letter dated August 10, 2008, and facsimile letter dated October 27, 2008,</p> <p>3. License number 21-04080-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date March 31, 2014</p> <p>5. Docket No. 839-02040</p> <p>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. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Iodine-125 as permitted by 10 CFR 35.400</p> <p>E. Palladium-103 as permitted by 10 CFR 35.400</p> <p>F. Iridium-192 as permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. As needed (not to exceed 1 curies of Iodine-131)</p> <p>D. 600 millicuries</p> <p>E. 600 millicuries</p> <p>F. 300 millicuries</p>

Official Use Only - Security-Related Information

Nov. 12. 2007 2:53PM MT CLEMENS GENERAL HOSP. No. 3205 P. 2

P-02

NDU-12-2007 15:19

NRD FORM 324A

U.S. NUCLEAR REGULATORY COMMISSION

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MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense Number
21-04080-01Doctel or Reference Number
090-02040

Amendment No. 47

10 CFR 35.200.

10 CFR 35.100 and 35.200.

10 CFR 35.100, 35.200 and 35.300.

10 CFR 35.300, 35.400 and Iridium-192 for medical use in a High Dose Rate Remote Afterloading Brachytherapy Unit.

10 CFR 35.100, 35.200 and 35.300.

10 CFR 35.400 and Iridium-192 for medical use in a High Dose Rate Remote Afterloading Brachytherapy Unit.

Carla Cook, M.D.

10 CFR 35.400 and Iridium-192 for medical use in a High Dose Rate Remote Afterloading Brachytherapy Unit.

C. The following individual is an authorized medical physicist:

Iridium-192 in a High Dose Rate Remote Afterloader Unit and 10 CFR 35.400 for physics calibrations, spot checks, and training.

Iridium-192 in a High Dose Rate Remote Afterloader Unit and 10 CFR 35.400 for physics calibrations, spot checks, and training.

13. 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."
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.

Official Use Only - Security-Related Information

Nov. 12. 2007 2:54 PM MT CLEMENS GENERAL HOSP. No. 3205 P. 3

P. 03

NDU-12-2007 15:19

FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

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Amendment No. 65

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.

Licensee 1. North Oakland Medical Centers 2. 461 West Huron Pontiac, MI 48341-1651		In accordance with letter dated August 31, 2006, 3. License number 21-06217-02 is amended in its entirety to read as follows: 4. Expiration date August 31, 2015 5. Docket No. 030-02060 Reference No.
6. Byproduct, source, and/or special nuclear material A. Any byproduct material permitted by 10 CFR 35.100 B. Any byproduct material permitted by 10 CFR 35.200 C. Any byproduct material permitted by 10 CFR 35.300 D. Any byproduct material identified in 10 CFR 35.400 E. Any byproduct material permitted by 10 CFR 31.11 F. Uranium depleted in Uranium-235	7. Chemical and/or physical form A. Any Any D. Model Mod. Adv. Kit E. Kit F. Cadmium plated metal	8. Maximum amount that licensee may possess at any one time under this license A. As needed B. As needed As needed (not to exceed 1 curie of I-131) 200 millicuries E. As needed F. 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.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. In vitro studies.

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U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
21-06217-02Docket or Reference Number
030-02060

Amendment No. 65

F. Shielding in a linear accelerator.

CONDITIONS

10. A. Licensed material may be used at the licensee's facilities located at 461 West Huron, Pontiac, Michigan.
- B. Licensed material in Item 6.B. may be used at the licensee's facilities located at 6770 Dixie Highway, Suite 100, Clarkston, Michigan.
11. Radiation Safety Officer for this license is Mahmood A. Khalid, 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.
- B. The following individuals are authorized users for medical use as indicated:

Authorized Users**Material Use**

Jehan R. Barbat, M.D.

10 CFR 35.100, 35.200 and 35.300.

Mahmood A. Khalid, M.D.

10 CFR 35.100, 35.200, 35.300 and 31.11.

V. Elaine Arterbery, M.D.

10 CFR 35.300 and 35.400.

Jeffrey Forman, M.D.

10 CFR 35.100 and 35.400.

Arthur Frazier, M.D.

10 CFR 35.300 and 35.400.

Kenneth Levin, M.D.

10 CFR 35.300 and 35.400.

Tara Washington, M.D.

10 CFR 35.300, 35.400.

Adeel Khalid, M.D.

10 CFR 35.100 and 35.200.

James M. Switzer, M.D.

10 CFR 35.100, 35.200, 35.300 and 31.11.

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.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
21-06217-02Docket or Reference Number
030-02060

Amendment No. 65

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."
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 May 17, 2005; and
- B. Letter dated July 25, 2005



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 02 2006By James R. Mullauer
James R. Mullauer, M.H.S.
Materials Licensing Branch
Region III