



University of Missouri Health Care

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June 17, 2009

U.S. Nuclear Regulatory Commission
Nuclear Materials Licensing Section
2443 Warrenville Road
Suite 210
Lisle, IL. 60532 -4352

Re: Amendment application for the purpose of adding an authorized user to Capital Region Medical Center's NRC License, 24-12699-01

Capital Region Medical Center, license 24-12699-01, requests Matthew Hrastich, D.O. be added as an authorized user for Materials and Use in 10 CFR 35.100 , and 35.200 .

Dr. Hrastich is currently listed as an authorized user for Materials and Use on NRC License Number 24-15095-01.

I have enclosed a copy of the license for Department of the Army Commander USA MEDDAC , license 19-B 383-01, and Capital Region Medical Centers' License.

You may direct any questions to Ron Thompson, Supervisor of Nuclear Medicine, at 573-632-5286.

Sincerely,

Janet Weckenborg,

Vice President, VP Operations and Administrative Representative Radiation Safety Committee

RECEIVED JUN 23 2009

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.

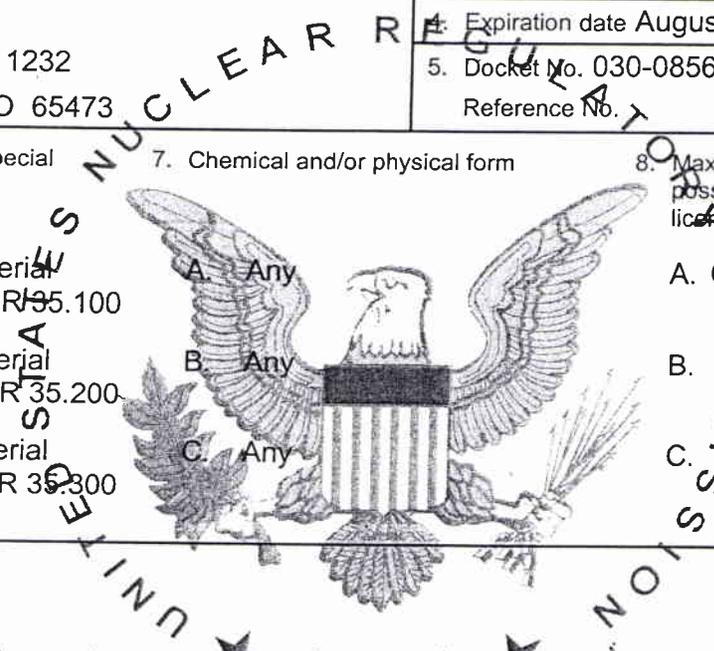
<p>Licensee</p> <p>1. Department of the Army Commander USA MEDDAC</p> <p>2. ATTN: MCXP PMD RP 126 Missouri Ave., Box 1232 Fort Leonard Wood, MO 65473</p>	<p>In accordance with the facsimile letter dated March 14, 2007,</p> <p>3. License number 24-15095-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date August 31, 2013</p> <p>5. Docket No. 030-08561 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>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</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. 1000 millicuries</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 or therapy procedure permitted by 10 CFR 35.300.</p>

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at General Leonard Wood Army Community Hospital, 126 Missouri Ave., Fort Leonard Wood, Missouri.
- 11. The Radiation Safety Officer for this license is Adam J. Benson, M.D.



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-15095-01

Docket or Reference Number
030-08561

Amendment No. 43

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:

Authorized Users

Material and Use

Adam J. Benson, M.D.

35.100, 35.200 and 35.300.

Matthew Hrastich, D.O.

35.100 and 35.200.

13. Pursuant to 10 CFR Part 40, "Domestic Licensing of Source Material," the licensee is authorized to possess, use, transfer, and import up to 999 kilograms of depleted uranium contained as shielding 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.
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. Application dated January 29, 2002.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

APR 30 2007

Date _____

By

William P. Reichhold

William P. Reichhold
Materials Licensing Branch
Region III

U.S. NUCLEAR REGULATORY COMMISSION

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 style="text-align: center;">Licensee</p> <p>1. Capital Region Medical Center Nuclear Medicine Department</p> <p>2. 1125 Madison P.O. Box 1128 Jefferson City, MO 65102</p>	<p>In accordance with the letter dated September 25, 2008,</p> <p>3. License number 24-12699-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2015</p> <hr/> <p>5. Docket No. 030-02375 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 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed Sources (Theragenics Corporation I-Seed Model 125.S06, Bard Brachytherapy Inc. Model STM 125-1; Theragenics Corporation Model 200; 3M Health Physics Services Model 6711; BEBIG GmbH Model I25.S06; Best Industries Model Nos. 2301 and 2335; Implant Sciences Corp., Model 3500; International Brachytherapy, Inc. Model Nos. Intersource 1251L and 1032P; IsoAid, LLC Model IAI--125A; Mills Biopharmaceuticals, Inc. Model Nos. 125SL and 125SH; North American Scientific, Model Nos. Med 3631 and 3633.)</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. 2 curies of palladium-103, 2 curies of iodine-125, 4 curies total.</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-12699-01

Docket or Reference Number
030-02375

Amendment No. 64

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.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 1125 Madison, Jefferson City, Missouri.

11. The Radiation Safety Officer for this license is Kenneth L. Andrews, M.S., DABR.

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

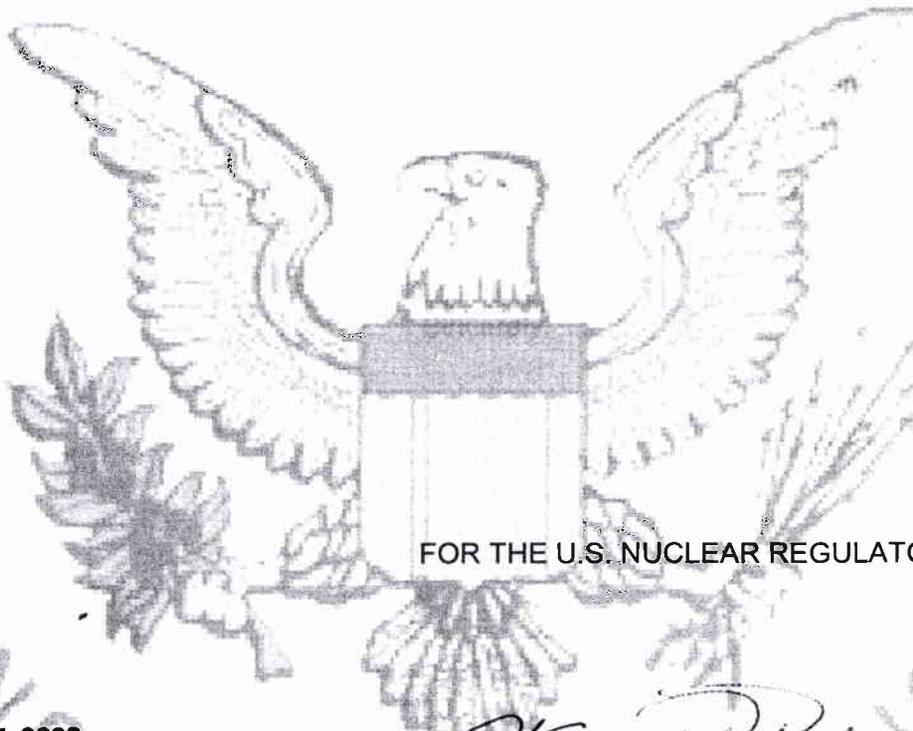
S. J. Westgate, M.D.	10 CFR 35.400.
Conrad Balcer, D.O.	10 CFR 35.100 and 35.200.
Mark Phillip Bryer, M.D.	10 CFR 35.300 and 35.400.
William L. Schlegel, D.O.	10 CFR 35.100 and 35.200.
Rodney Adkison, D.O.	10 CFR 35.100, 35.200 and 35.300.
Joseph M. Bean, M.D.	10 CFR 35.300 and 10 CFR 35.400.
James Russell Allen, M.D.	10 CFR 35.300 and 35.400.
Patrick J. Morello, M.D.	10 CFR 35.100 and 35.200.
Joy A. Johnson, M.D.	10 CFR 35.100, 35.200 and 35.300.

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.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
24-12699-01Docket or Reference Number
030-02375

Amendment No. 64

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 December 6, 2004; and
- B. Facsimile letters dated May 26, 2005, June 6 and 7, 2005 and March 8, 2006.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date DEC 05 2008By William P. Reichhold
William P. Reichhold
Materials Licensing Branch
Region III



**CAPITAL REGION
MEDICAL CENTER**

University of Missouri Health Care

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RETURN SERVICE REQUESTED



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