



SAINT LUKE'S HEALTH SYSTEM

saintlukeshealthsystem.org

**Materials Licensing Section
U.S. NRC Region III
2443 Warrensville Road Ste 210
Lisle, IL 60532-4352
Attn: Colleen Casey**

Dear Ms. Casey , Per our phone conversation of 3/15/2010, I have enclosed the requested documents. It is my understanding that an error was made on our last Materials License Amendment . The amendment we received was titled # 3 and included several physicians that are no longer affiliated with our facility. As you mentioned, this error occurred during a conversion to a new word processing program. Enclosed I have included a copy of the Original Amendment #3, a copy of Amendment #4 and a copy of the request to include 35.300 to our license, and a copy of the amendment we received. On the last copy I have taken the liberty of making the requested corrections. These include the amendment # change to # 5 and the removal of several physicians. Please let me know if additional information is required. Thank you for your attention to this request.

Robert A Moore R.T. CRA

A handwritten signature in black ink, appearing to read "R. A. Moore", with a long horizontal line extending to the right.

Radiology Manager
Hedrick Medical Center.

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. Grand River Health System Corporation d/b/a Hedrick Medical Center</p> <p>2. 100 Central Street Chillicothe, MO 64601</p>	<p>In accordance with letter dated March 7, 2003,</p> <p>3. License number 24-32027-01 is amended in its entirety to read as follows</p> <hr/> <p>4. Expiration date November 30, 2012</p> <hr/> <p>5. Order No. 030-34539 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material identified in 10 CFR 35.100</p> <p>B. Any byproduct material identified in 10 CFR 35.200</p>	<p>7. Chemical and/or physical form</p> <p>A. Any radiopharmaceutical identified in 10 CFR 35.100</p> <p>B. Any radiopharmaceutical identified in 10 CFR 35.200 (excluding generators and xenon-133)</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>
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9. Authorized Use:

- A. Medical use described in 10 CFR 35.100.
- B. Medical use described in 10 CFR 35.200 (excluding generators and xenon-133).

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at Hedrick Medical Center, 100 Central Street, Chillicothe, Missouri.
- 11. The Radiation Safety Officer for this license is **Jack L. Bridges, M.D.**

Original Amendment # 3

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-32027-01

Docket or Reference Number
030-34539

Amendment No. 03

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 the materials and uses indicated:

Authorized Users

Material and Use

Timothy Blackburn, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
John H. Bartow, D.O.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
Robert C. Johnson, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
Bruce Hoskins, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
Edward M. Stevens, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
Robert Jon Lackamp, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
S. Chris Looney, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
Jack L. Bridges, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
Stephen N. Blatt, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
Bonnie K. Goins, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)
David Edward Marcus, M.D.	10 CFR 35.100 and 35.200 (excluding generators and xenon-133)

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

24-32027-01

Docket or Reference Number

030-34539

Amendment No. 03

Anthony L. Wheeler, M.D.

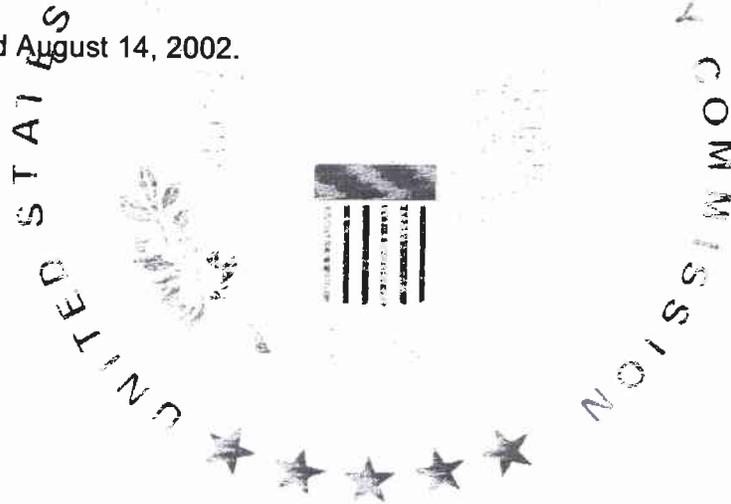
10 CFR 35.100 and 35.200 (excluding generators and xenon-133)

Francisco J. Lammoglia, M.D.

10 CFR 35.100 and 35.200 (excluding generators and xenon-133)

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. **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 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 August 14, 2002.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

MAY 16 2003

Date _____

By _____

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



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD STE 210
LISLE, ILLINOIS 60532-4352

JAN 15 2008

Jack L. Bridges, M.D.
Radiation Safety Officer
Grand River Health System Corporation
d/b/a Hedrick Medical Center
100 Central Street
Chillicothe, MO 64601

Dear Dr. Bridges:

Enclosed is Amendment No. 04 to your NRC Material License No. 24-32027-01 in accordance with your request. Please note that the changes made to your license are printed in **bold** font.

Please review the enclosed document carefully and be sure that you understand all conditions.

If you have any questions concerning this amendment, please contact me at either (800) 522-3025 or (630) 829-9841.

Please note that your letter dated October 8, 2007, was sent to our former address at "801 Warrenville Road, Lisle, Illinois..." instead of our current address, shown above. We relocated in April 2004 and notified all of our licensees at that time. As mail is generally not being forwarded if addressed incorrectly anymore, please use our current address for all future correspondence.

Please note that we have reformatted Subitem Nos. 7.B. and Condition No. 12 at this time to remove all references to excluded authorizations, including but not limited to authorizations such as "generators, xenon-133, aerosols, etc."

Please be reminded, however, that you are still bound by the restrictions imposed by the excluded authorizations contained in documents incorporated into your license in Condition No. 15 of your license.

I also added two new standard License Conditions, Nos. 13. and 14. Neither should have any impact on your licensed program.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

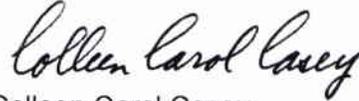
You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions.

J. Bridges

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Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

A handwritten signature in cursive script that reads "Colleen Carol Casey".

Colleen Carol Casey
Materials Licensing Branch

License No. 24-32027-01
Docket No. 030-34539

Enclosure:

Amendment No. 04

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	In accordance with letter dated October 8, 2007,
1. Grand River Health System Corporation d/b/a Hedrick Medical Center	3. License number 24-32027-01 is amended in its entirety to read as follows
2. 100 Central Street Chillicothe, MO 64601	4. Expiration date November 30, 2012
	5. Docket No. 030-34539 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

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 Hedrick Medical Center, 100 Central Street, Chillicothe, Missouri.
- 11. The Radiation Safety Officer for this license is Jack L. Bridges, 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
24-32027-01

Docket or Reference Number
030-34539

Amendment No. 04

B. The following individuals are authorized users for the materials and uses indicated:

Authorized Users

Material and Use

Edward M. Stevens, M.D.

10 CFR 35.100 and 35.200.

S. Chris Looney, M.D.

10 CFR 35.100 and 35.200.

Jack L. Bridges, M.D.

10 CFR 35.100 and 35.200.

David Edward Marcus, M.D.

10 CFR 35.100 and 35.200.

Francisco J. Lammoglia, M.D.

10 CFR 35.100 and 35.200.

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.

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 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 August 14, 2002; and,

B. Letter dated October 8, 2007.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 15 2008

By

Colleen Carol Casey
Colleen Carol Casey
Materials Licensing Branch
Region III

January 30, 2009

Materials Licensing Section
U.S. Nuclear Regulatory Commission, Region III
2443 Warrensville Road, Ste 210
Lisle, IL 60532-4352

Attn: Patricia Pelke

Re: License Amendment Application for License No. 24-32027-01

Grand River Health System Corporation d/b/a/ Hedrick Medical Center would like to amend its radioactive material license No. 24-32027-01. Specifically, we would like to add 35.300 to our Authorized Uses. Enclosed please find NRC Form 313, and supplemental attachments that will provide specific information regarding this change. Hedrick Medical Center continues to provide its strongest backing to fulfill its materials license commitments. If you have any questions regarding this application, please contact Robert Moore at (660) 646-4371.

Thank you for your consideration.

Matthew Wenzel
Director, Ancillary Services
Hedrick Medical Center

Enc: NRC Form 313
Supplemental Information to NRC Form 313

The supplemental information provided is intended to be consistent in format and content with Appendix C of NUREG-1556, Vol. 11.

NRC Form 313 Item 3, Additional addresses where byproduct material is currently used

Hedrick Medical Center
100 Central Street
Chillicothe, MO 64601

NRC Form 313 Item 5, Radioactive Material

Any byproduct material permitted by 10 CFR 35.300.

NRC Form 313 Item 6, Purpose for which licensed material will be used

Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.

NRC Form 313 Item 7, Individuals Responsible for Radiation Safety Program and their Training Experience

No change from current license.

NRC Form 313 Item 8, Training for Individuals Working in or Frequenting Restricted Areas

The following authorized users are authorized to use materials under 35.100, 35.200 and 35.300 (see attached license No. 24-18287-01):

Edward M. Stevens, MD
S. Chris Looney, MD
Jack Bridges, MD
Noel G. Dias, MD

NRC Form 313 Item 9, Facilities and Equipment

No change from current license.

NRC Form 313 Item 10, Radiation Safety Program

Incorporate attached procedures for conducting therapy procedures.

NRC Form 313 Item 11, Waste Management

No change from current license.

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 03

MATERIALS LICENSE

05

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. Grand River Health System Corporation d/b/a Hedrick Medical Center</p> <p>2. 100 Central Street Chillicothe, MO 64601</p>	<p>In accordance with letter dated March 9, 2009,</p> <p>3. License number 24-32027-01 is amended in its entirety to read as follows</p> <hr/> <p>4. Expiration date November 30, 2012</p> <hr/> <p>5. Docket No. 030-34539 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. One curie</p>
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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 and therapy procedure permitted by 10 CFR 35.300.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at Hedrick Medical Center, 100 Central Street, Chillicothe, Missouri.
- 11. The Radiation Safety Officer for this license is Jack L. Bridges, M.D.
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 - 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
24-32027-01

Docket or Reference Number
030-34539

Amendment No. 03

B. The following individuals are authorized users for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Timothy Blackburn, M.D.	10 CFR 35.100 and 35.200.
John H. Bartow, D.O.	10 CFR 35.100 and 35.200.
Robert C. Johnson, M.D.	10 CFR 35.100 and 35.200.
Bruce Hoskins, M.D.	10 CFR 35.100 and 35.200.
Edward M. Stevens, M.D.	10 CFR 35.100, 35.200 and 35.300.
Robert Jon LaKamp, M.D.	10 CFR 35.100 and 35.200.
S. Chris Looney, M.D.	10 CFR 35.100, 35.200 and 35.300.
Jack L. Bridges, M.D.	10 CFR 35.100, 35.200 and 35.300.
Stephen N. Blatt, M.D.	10 CFR 35.100 and 35.200.
Bonnie K. Goins, M.D.	10 CFR 35.100 and 35.200.
David Edward Marcus, M.D.	10 CFR 35.100 and 35.200.
Anthony L. Wheeler, M.D.	10 CFR 35.100 and 35.200.
Francisco J. Lammoglia, M.D.	10 CFR 35.100 and 35.200.
Noel G. Dias, 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.

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."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
24-32027-01Docket or Reference Number
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Amendment No. 03

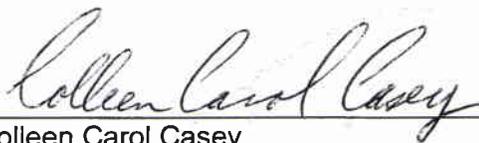
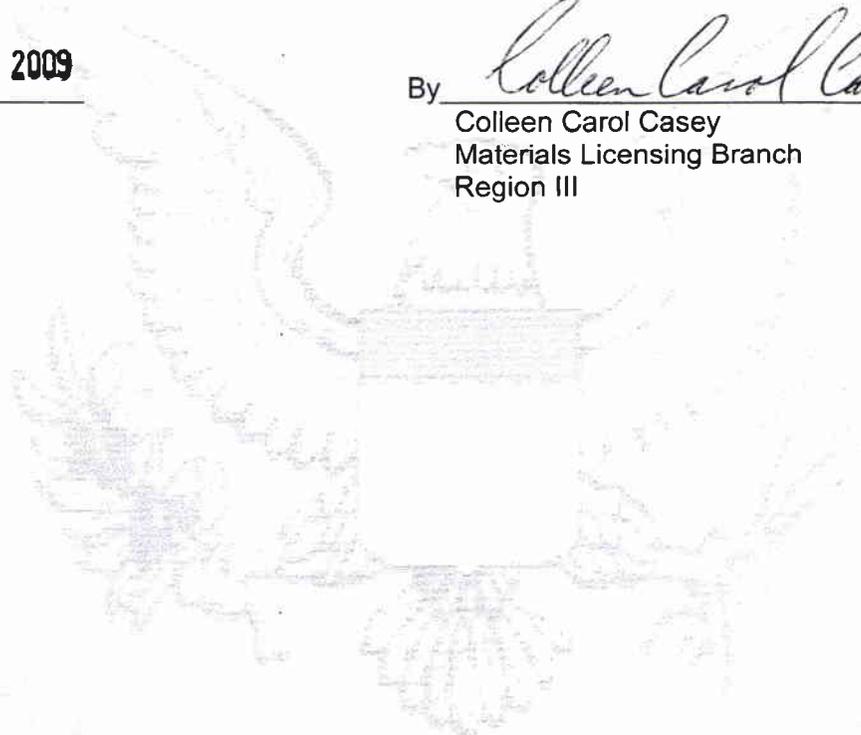
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- A. Application dated August 14, 2002; and,
- B. Letter dated March 9, 2009 (with attachments).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

JUN 16 2009

By

Colleen Carol Casey
Materials Licensing Branch
Region III

HEDRICK MEDICAL CENTER
100 CENTRAL ST.
CHILLICOTHE, MO 64601
RADIOLOGY

CERTIFIED MAIL™



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Materials Licensing Section
U.S. NRC Region III
2443 Warrensville Road Ste 210
Lisle, IL 60532-4352
Attn: Colleen Casey

