

February 12, 2009

Mr. James Lynch  
 U.S. Nuclear Regulatory Commission  
 Materials Licensing Branch  
 2443 Warrenville Road, Suite 210  
 Lisle, Illinois 60532-4352

Re: Amendment request to License #24-02704-01

Dear Mr. Lynch:

This letter is to request that the radioactive materials license number referenced above, issued to Saint Joseph Health Center, 1000 Carondelet Drive, Kansas City, Missouri be amended to include those isotopes and sources currently registered with the State of Missouri. Specific information related to this request is below.

<u>Element/mass #</u>	<u>Chemical/physical form</u>	<u>Requested Activity</u>	<u>Purpose</u>
Tl-201	Liquid Tl Chloride	As needed	Diag. Imaging
In-111	Liquid Chloride/DTPA/ Oxine/Octreoscan	As needed	Diag. Imaging
I-123	Capsule NaI	As needed	Diag. Imaging
Ga-67	Liquid Citrate	As needed	Diag. Imaging
F-18	Liquid, Any Form	As needed	Diag. Imaging
Co-57	Sealed sources approved By the NRC or Agreement State	No single source to exceed 20 mCi	Equipment Calibration
Gd-153	Sealed source approved By the NRC or Agreement State	No single source to exceed 10 mCi	Equipment Calibration

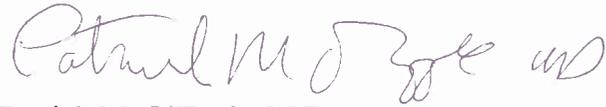
We wish to include Dr. James R. Bergh as an authorized user. Enclosed is a copy of the Kansas State Radioactive Materials License which he was on.

RECEIVED FEB 18 2009



If you have any questions concerning these requests, please do not hesitate to call.

Sincerely,

A handwritten signature in cursive script, reading "Patrick M. O'Toole M.D." with a stylized flourish at the end.

Patrick M. O'Toole, M.D.  
Radiation Safety Officer

State of Kansas

Radioactive Materials License

Pursuant to the Nuclear Development and Radiation Control Act (L. 1963, Ch. 290) and Kansas Annotated Regulations numbers 28-35-133 et. seq., and in reliance on statements and representations made to this agency by the licensee designated below, a license is hereby issued authorizing the licensee to transfer, receive, possess, and use the radioactive material or materials listed below; and to use such materials at the place or places listed below; and to use the material for the purpose or purposes listed below. This license is subject to all applicable rules, regulations, and orders now in effect or placed in effect by the Department of Health and Environment and any conditions specified below.

Amendment No. 39

<b>Licensee</b>		<b>3. License Number</b> 19-C388-01
<b>1. Name</b> <b>MIDWEST DIVISION - OPRMC, LLC</b> <b>d.b.a. OVERLAND PARK REG MED CTR</b>	<b>2. Address</b> <b>10500 QUITVIRA RD</b> <b>OVERLAND PARK, KS 66215</b>	<b>4. Expiration Date</b> November 30, 2009
		<b>5. Reference Number</b>

<b>6. Radioactive Material (Element and Mass Number)</b>	<b>7. Chemical and/or Physical Form</b>	<b>8. Maximum Quantity Licensee May Possess at One Time</b>
<b>A. Any radioactive material approved in Groups I and II, K.A.R 28-35-135g.</b>	<b>A. Any radiopharmaceutical listed in Groups I and II, K.A.R 28-35-135g.</b>	<b>A. As necessary for uses authorized in Subitem 9.A.</b>
<b>B. Any radioactive material approved in Group III, K.A.R 28-35-135g.</b>	<b>B. Any form listed in Group III, K.A.R 28-35-135g.</b>	<b>B. 200 millicuries of each radioactive material authorized in Subitem 6.B.</b>
<b>C. Any radioactive material approved in Group IV, K.A.R. 28-35-135g.</b>	<b>C. Any radiopharmaceutical listed in Group IV, K.A.R. 28-35-135g .</b>	<b>C. 50 millicuries of each radioactive material authorized in Subitem 6.C.</b>
<b>D. Any radioactive material approved in Group V, K.A.R. 28-35-135g.</b>	<b>D. Any radiopharmaceutical listed in Group V, K.A.R. 28-35-135g.</b>	<b>D. 200 millicuries of each radioactive material authorized in Subitem 6.D.</b>
<b>E. Cobalt-57</b>	<b>E. Any sealed source authorized by 10 CFR 35.65 or equivalent agreement state regulation.</b>	<b>E. 50 millicuries of each radionuclide, no single source to exceed 30 millicuries.</b>

CONDITIONS

- 9. Authorized use.
  - A. Any diagnostic procedure listed in Groups I and II, K.A.R. 28-35-135g.
  - B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III, K.A.R. 28-35-135g.
  - C. Any therapeutic procedure listed in Group IV, K.A.R. 28-35-135g.

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- D. Any therapeutic procedure listed in Group V, K.A.R. 28-35-135g.
- E. To be used for calibration, transmission, reference and quality control.

10. Radioactive materials shall only be used at the following location(s):

MIDWEST DIVISION - OPRMC, LLC, 10500 QUIVIRA RD  
OVERLAND PARK, KS 66215

11. The following shall be responsible for the licensee's radiation protection program  
John E. Cullivan R.T. Radiation Safety Officer

12. Radioactive material listed in Item 6 above is authorized for use by individuals for the materials and uses described as follows:

Radioactive materials shall be used by or under the supervision of an individual listed below:

James R. Bergh M.D.	Subitem(s) A, B, C, D, E
Stephen Bloom M.D.	Subitem(s) A, B
Douglas W. Hughes M.D.	Subitem(s) A, B, C, D, E
Charles Medbery M.D.	Subitem(s) A, B, C, D, E
Ujjaival Patel M.D.	Subitem(s) A, B
Alan Schneider M.D.	Subitem(s) A, B
Leo J. Spittler M.D.	Subitem(s) A, B, C, D, E

13. The licensee shall perform testing for leakage or contamination of sealed sources in accordance with K.A.R. 28-35-216a.

14. The licensee shall conduct a physical inventory every three (3) months to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for two years from the date of the inventory for inspection by the Radiation Control Program, Bureau of Air and Radiation, Kansas Department of Health and Environment, and shall include the quantities and kinds of radioactive material, location of sealed sources and the date of the inventory.

15. The use of radioactive material in or on humans shall be by a physician.

16. Sealed sources containing radioactive material shall not be opened.

17. A. Radiopharmaceuticals dispensed and/or distributed for human use shall be either:

(1) Repackaged from prepared radiopharmaceuticals that are the subject of an FDA-approved "New Drug Application" (NDA) or for which FDA has accepted a "Notice of Claimed Investigational Exemption for a New Drug" (IND), or

(2) Prepared from generators and reagent kits that are the subject of an FDA-approved NDA or for which FDA has accepted an IND.

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**B. Prepared radiopharmaceuticals for which FDA has accepted an IND and radiopharmaceuticals prepared from generators or reagent kits for which FDA has accepted an IND shall be dispensed and/or distributed:**

**(1) In accordance with the directions provided by the sponsor of the IND, and**

**(2) Only to physicians who have been accepted by the sponsor of the IND to participate in clinical evaluation of the drug.**

The licensee shall inform, in writing, each physician who participates in an IND evaluation, that the physician is responsible to the sponsor of the IND for use of the drug in accordance with protocols established by the sponsor and for reporting to the sponsor the clinical information obtained through use of the drug.

18. Patients containing therapeutic quantities of radiopharmaceuticals shall remain hospitalized until the total effective dose equivalent to any other individual from exposure to the released individual is not likely to exceed 5 millisieverts (0.5 rem).
19. Patients containing temporary interstitial or brachytherapy implants shall remain hospitalized until surveys made with an appropriate radiation detection instrument indicate all implants have been removed. The results of these surveys shall be recorded and maintained for inspection by the Radiation Control Program, Bureau of Air and Radiation, Kansas Department of Health and Environment.
20. **The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:**
  - A. **Radioactive waste to be disposed in this manner shall be held for a minimum of 10 half-lives.**
  - B. **Before disposal as normal waste, radioactive waste shall be surveyed to determine that its radioactivity cannot be distinguished from background and all radiation labels shall be removed or obliterated.**
21. The licensee may transport radioactive material or deliver radioactive material to a carrier for transport, in accordance with the provisions of K.A.R. 28-35-196a, "Preparation of Radioactive Material for Transport".
22. The licensee shall comply with the provisions of Kansas Radiation Protection Regulations, Part 4, "Standards for Protection Against Radiation" and Part 10, "Notices, Instructions and Reports to Workers; Inspections."

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- 23. The licensee shall possess and use radioactive material described in Items 6, 7 and 8 of this license according to the most restrictive of; the Kansas Radiation Protection Regulations, this license or statements, representations, and procedures contained in the following documents.
  - a. The letter dated October 22, 2004, signed by Kevin J. Hicks, with attachment(s).
  - b. The letter dated February 3, 2005, signed by John E. Cullivan, with attachment(s).
  - c. The letter dated March 1, 2005, signed by John E. Cullivan, with attachment(s).
  - d. The letter dated June 21, 2005, signed by John E. Cullivan, with attachment(s).
  - e. The letter dated July 3, 2006, signed by John E. Cullivan.
  - f. The letter dated December 20, 2006, signed by John E. Cullivan, with attachment(s).
  - g. The letter dated February 26, 2008, signed by John E. Cullivan, with attachment(s).

**FOR THE STATE DEPARTMENT OF HEALTH AND ENVIRONMENT**

Date March 18, 2008

By:   
\_\_\_\_\_  
Thomas A. Conley, CHP  
Radiation Control Program



1000 Carondelet Drive  
Kansas City, Missouri 64114



Nationally Recognized  
for Excellence in Nursing

Attention: Donna - Nuclear Medicine

Mr. James Lynch  
U.S. Nuclear Regulatory Commission  
Material Licenses Branch  
2443 Warrenville, Road. Suite 210  
Lisle, Illinois 60532-4352



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MR. JAMES LYNCH  
US NUCLEAR REG COMMISSION  
Material Licensing Branch  
2443 WARRENVILLE ROAD SUITE 210  
LISLE, ILL. 60532-4352

United States Postal Service  
**DELIVERY CONFIRMATION**



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