

TERRE HAUTE  
**Regional**  
 HOSPITAL

Dr. Thomas Schmitz  
 Regional Hospital Cancer Center  
 3901 South Seventh Street  
 Terre Haute, In. 47802  
 812-237-9326

# Fax Coversheet

To: NRC - Bill Reichhold

Lit # 13-09649-02  
 Fax Number: 630-829-9782 Pages: 6

Date: 1/29/09

From: 812-237-9326 812-237-9572  
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IDNS-FLM-004-01 (9/91)

STATE OF ILLINOIS  
 ILLINOIS EMERGENCY MANAGEMENT AGENCY  
 DIVISION OF NUCLEAR SAFETY  
 1035 OUTER PARK DRIVE  
 SPRINGFIELD, ILLINOIS 62704  
 (217) 785-9947

**RADIOACTIVE MATERIAL LICENSE**

Pursuant to the Illinois Radiation Protection Act and the rules and regulations in 32 Illinois Administrative Code promulgated thereunder, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material(s) listed herein; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified in the license.

<b>LICENSEE</b> Riverside Medical Center 350 North Wall Street Kankakee, IL 60901	<b>LICENSE NUMBER</b> IL-01242-01	<b>EXPIRATION DATE</b> June 30, 2013
	<b>AMENDMENT NUMBER</b> 27	

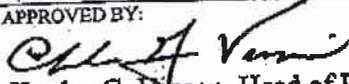
Attention: Dale Wheeler, R.T.  
 Radiation Safety Officer

In accordance with application dated June 10, 2008, License Number IL-01242-01 is renewed in its entirety.  
 Previous amendments are void.

ITEM	RADIONUCLIDE	CHEMICAL and/or PHYSICAL FORM	MAXIMUM ACTIVITY* PER SOURCE	MAXIMUM POSSESSION LIMIT
A.	Any in 32 Ill. Adm. Code 335.2040	Any calibration or reference source identified in 32 Ill. Adm. Code 335.2040.		As needed
B.	Any in 32 Ill. Adm. Code 335.3010	Any radiopharmaceutical identified in 32 Ill. Adm. Code 335.3010.		As needed
C.	Any in 32 Ill. Adm. Code 335.4010	Any radiopharmaceutical identified in 32 Ill. Adm. Code 335.4010.		As needed
D.	Any in 32 Ill. Adm. Code 335.5010	Any radiopharmaceutical identified in 32 Ill. Adm. Code 335.5010.		As needed
E.	Any in 32 Ill. Adm. Code 335.7010	Any sealed source identified in 32 Ill. Adm. Code 335.7010.	1 Ci	As needed

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

APPROVED BY:

  
 Charles G. Vinson, Head of Radioactive Materials  
 IL 473-0039

DATE

August 4, 2008

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IDNS.PLM-004-02 (8/91)

STATE OF ILLINOIS  
 IEMA DIVISION OF NUCLEAR SAFETY  
 RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
Riverside Medical Center	IL-01242-01	27	June 30, 2013

8. Investigational New Drugs (IND) labeled with radioactive material shall not be used in human beings until the individual user has filed with the Federal Food and Drug Administration the required documentation in accordance with 21 CFR 312.1, and the exemption has not been terminated.
9. The licensee is authorized to receive, possess and transfer depleted uranium in amounts not greater than 999 kg for use as shielding material.
10. Notwithstanding the distribution requirements of 32 Ill. Adm. Code 335.1090 the licensee may receive, possess, and use naturally-occurring or accelerator-produced radioactive material (NARM) specifically authorized by this license and distributed by a supplier located in a non-Licensing State.
11. Sealed sources containing radioactive material shall not be opened.
12. The licensee may use the Calcorp, Inc. "Calicheck" device or the Atomic Products Corp. "Lineator" device for linearity tests of their dose calibrator(s). Such tests shall be performed in strict accordance with the procedures contained in the device manufacturer's instruction manual. A copy of the appropriate device manufacturer's instruction manual shall be maintained at the licensee's facility if one of these devices is used.
13. The licensee is authorized to store waste containing, or comprised of, radioactive material with a physical half-life of less than 90 days for "decay-in-storage" before disposal with the following provisions:
  - A. Radioactive waste to be disposed of shall be held for decay a minimum of ten half-lives.
  - B. Pursuant to 32 Ill. Adm. Code 340.510(a) and (b), radiation surveys shall be performed prior to disposal of the waste to ensure that the waste's radioactivity cannot be distinguished from background radiation levels. The package/container surface shall be surveyed with an appropriate radiation detection survey instrument set on its most sensitive scale, with no interposed shielding between the detector and the waste, in a low background radiation environment. Records of monitoring shall be maintained to include: date of disposal; date placed in storage; manufacturer, model and serial number of the survey instrument used; background radiation levels; measured radiation levels; and identity of the individual performing the monitoring. All radiation labels shall be removed or obliterated.
  - C. Generator columns shall be segregated from their shields and other waste and monitored separately to ensure decay to background levels prior to disposal.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

APPROVED BY:

DATE

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Charles G. Vinson, Head of Radioactive Materials  
 IL 473-0059

August 4, 2008

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IDNS.FLM-004-02 (8/91)

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(Condition 13. continued)

D. Nothing in this condition relieves the licensee from complying with other applicable federal, state, and local regulations governing any other toxic or hazardous property of these materials.

14. The licensee shall maintain records for the measurements of ventilation rates described in 32 Ill. Adm. Code 335.4030(f). The records must include: the date of measurement; the results of measurements taken; confirmation that rooms are at negative pressure, under the same conditions which radioactive gases will be administered, compared to contiguous areas; the manufacturer, model and serial number of the measurement instrument used; and the identity of the individual who performed the measurements.

15. In addition to the possession limits stated in item E., the licensee shall further restrict the possession of licensed material to quantities not to exceed the applicable limits referenced in Appendix A to 32 Ill. Adm. Code 326.

16. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with statements, representations and procedures contained in, referenced in, or enclosed with the documents listed below. The regulations contained in 32 Ill. Adm. Code: Chapter II, Subchapters b and d shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations. The most recent statements, representations and procedures listed below shall govern if they conflict with previously submitted documents.

A. Application dated June 10, 2008.

CGV:YLM:33c

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram

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