



Larry Berarducci, M.D., F.A.C.C. | J. Lawrence Davis, M.D., F.A.C.C. | Antonio R. Penilla, M.D., F.A.C.C.

Joanne Tsai, M.D. | Erica Uppstrom, M.D., F.A.C.C. | Michael L. Wood, M.D.

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

RE: Lic.# 24-32625-01

Dear Materials Licensing Section:

This letter is written notification for compliance with 35.14(a) that Dr. Wood has been permitted to work as an authorized user under our NRC License as allowed in 35.13(b)(4)(i).

Attached is a copy of an Illinois Radioactive Material License (IL-02302-01) that specifically lists Dr. Wood as an Authorized User. We have permitted Dr. Wood to use material in 33.100 and 35.200. Dr. Wood is licensed to practice medicine in the State of Missouri. Please add Michael L. Wood, M.D., as an Authorized User on our license for materials permitted in 35.100 and 35.200, limited to cardiovascular procedures.

If you should have any questions about this notification, please contact me at (314) 837-3784.

Sincerely,

Laurence A. Berarducci MD FACC
Signature

Laurence A. Berarducci MD FACC
Name

Medical Director
Title

1/9/08
Date

Attachment: IL License # IL-02302-01

RECEIVED JAN 15 2008

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 places 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

LICENSEE	LICENSE NUMBER	EXPIRATION DATE
The Heart Care Group Anderson Hospital Professional Building 6810 State Route 162, Suite 203 Maryville, Il. 62062	IL-02302-01	May 31, 2011
	AMENDMENT NUMBER	
	1	

Attention: Laura Ellis, CNMT
 Director of Nuclear Cardiology

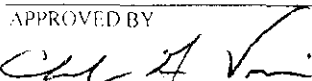
In accordance with letter with attachments dated October 4, 2007, License Number IL-02302-01 is amended in its entirety. Previous amendments are void.

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, excluding generators and gases.		As needed

AUTHORIZED USE:

- A. For use as calibration and reference sources.
- B. Any medical use identified in 32 Ill. Adm. Code 335.3010, for clinical cardiology studies only.
- C. Any medical use identified in 32 Ill. Adm. Code 335.4010, for clinical cardiology studies only.

* μ Ci-microcurie, mCi-millicurie, Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram, μ g-microgram, kg-kilogram

APPROVED BY	DATE	PAGE	of PAGES
 Charles G. Vinson, Acting Head of Radioactive Materials IL 477-0055	November 30, 2007	1	4

STATE OF ILLINOIS
IEMA DIVISION OF NUCLEAR SAFETY
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
The Heart Care Group	IL-02302-01	1	May 31, 2011

CONDITIONS

1. Radioactive material shall be used only at the licensee's facilities located at 6810 State Route 162, Suite 203, Maryville, Illinois in accordance with statements, representations and procedures listed in other conditions of this license.
2. Radioactive material is authorized for use by, or under the supervision of, the following individual(s) for the materials and uses indicated:

Laurence A. Berarducci, M.D.	All
Michael L. Wood, M.D.	All
3. The Radiation Safety Officer for this license is Laurence A. Berarducci, M.D.
4. The licensee shall decontaminate or restrict access to each area described in 32 Ill. Adm. Code 335.2080(d) for which removable radioactive contamination is found to exceed 2000 dpm/100 cm². This monitoring must be performed to ensure that decontamination was effective or decay reduced the levels adequately. Records of monitoring must contain the information specified in 32 Ill. Adm. Code 335.2080(f).
5.
 - A. Each sealed source possessed under this license shall be tested for leakage and/or contamination as specified in 32 Ill. Adm. Code 340.410. Tests for leakage and/or contamination shall be performed by persons specifically licensed to provide such services.
 - B. This license does not authorize analysis of leak test samples. However, the licensee is authorized to collect leak test samples for analysis by persons specifically authorized by the Agency, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.
6. Except as otherwise specifically provided by this license, radioactive material to be administered to humans shall be procured in prepackaged, pre-calibrated form from a supplier who manufactures, labels, packages, or repackages the product in accordance with all applicable state and federal laws and rules related to appropriate pharmaceutical controls for assay, identity, quality, purity, sterility and nonpyrogenicity.
7. 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.
8. The licensee is authorized to receive, possess and transfer depleted uranium in amounts not greater than 999 kg for use as shielding material.

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

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Charles G. Vinson, Acting Head of Radioactive Materials

November 30, 2007

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IEMA DIVISION OF NUCLEAR SAFETY
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<u>LICENSEE</u>	<u>LICENSE NUMBER</u>	<u>AMENDMENT NUMBER</u>	<u>EXPIRATION DATE</u>
The Heart Care Group	IL-02302-01	1	May 31, 2011

9. 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.
10. Sealed sources containing radioactive material shall not be opened.
11. 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.
12. 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. 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.
13. The licensee shall have radiation survey instrument(s) used to establish compliance with 32 Ill. Adm. Code calibrated by a person specifically authorized by the Agency, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services. Records of radiation survey instrument calibrations shall be maintained for Agency inspection.

* μ Ci-microcurie, mCi-millicurie, Ci-Curie, MBq-Megabecquerel, GBq-Gigabecquerel, TBq-Terabecquerel, g-gram, μ g-microgram, kg-kilogram

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The Heart Care Group	IL-02302-01	1	May 31, 2011

14. 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 April 20, 2006.
 - B. Telefacsimile dated May 3, 2006.

CGV MEB kjc

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

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Charles G. Vinson, Acting Head of Radioactive Materials

November 30, 2007

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IL 473-0059

The Health Care Group

201 Dunn Rd.

Florissant, MO 63031



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Region III
Materials Licensing Section
2443 Warrenville Rd. Suite 210
Lisle, IL. 60532-4352

