



Wabash County Hospital

710 North East Street  
Post Office Box 548  
Wabash, Indiana 46992  
(219) 563-3131  
Indiana 1-800-346-2110

PUBLIC

D.H.  
10-17-96  
030-13881

October 10, 1996

U.S. Nuclear Regulatory Commission  
Region III  
Licensing Section  
801 Warrenville Road  
Lisle, IL 60532-4351

Re: License # 13-18750-01

Kevin Null,

This letter is in response to your request for additional information on Dr. Hoang. Enclosed is a copy of Illinois License # IL-01605-01. We are also requesting that Dr. Hoang be granted authorization to use all products as listed on our license # 13-18570-01.

Sincerely,

Richard Tucker  
Interim Executive Director

220062

pm: 10-10-96

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REGION III

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IDNS.FLM-004-01 (9/91)

STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY

## RADIOACTIVE MATERIAL LICENSE

DIVISION OF RADIOACTIVE MATERIALS  
1035 OUTER PARK DRIVE  
SPRINGFIELD, ILLINOIS 62704

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 Illinois Department of Nuclear Safety now or hereafter in effect and to any conditions specified in the license. This document confirms that the licensee has registered the sources of radiation listed below in accordance with Section 2 of the Radiation Installations Act.

## LICENSEE

St. Anthony's Memorial Hospital  
503 North Maple Street  
Effingham, Illinois 62401LICENSE NUMBER  
IL-01605-01EXPIRATION DATE  
November 30, 1995AMENDMENT NUMBER  
5Attention: Anthony Pfitzer  
Chief Executive Officer

In accordance with letter dated August 11, 1993, License Number IL-01605-01 is amended in its entirety. Previous amendments are void.

ITEM	RADIOISOTOPE	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 330.220(f)(1)	Prepackaged kits.		100 $\mu$ Ci

## AUTHORIZED USE:

- A. For use as calibration and reference sources.
- B. Any medical use identified in 32 Ill. Adm. Code 335.3010.
- C. Any medical use identified in 32 Ill. Adm. Code 335.4010.
- D. In vitro testing.

\*  $\mu$ Ci-microcuries; mCi-millicuries; Ci-Curies; MBq-Megabecquerels; GBq-Gigabecquerels; TBq-Terabecquerels; g-gram;  $\mu$ g-microgram; kg-kilogram

APPROVED BY:

DATE

PAGE OF PAGES

Joseph G. Klinger, Head of Licensing Section  
IL 473-10073

August 26, 1993

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STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
St. Anthony's Memorial Hospital	IL-01605-01	5	November 30, 1995

CONDITIONS

- Radioactive material shall be used only at the licensee's facilities located at St. Anthony's Memorial Hospital, 503 North Maple Street, Effingham, Illinois in accordance with statements, representations and procedures listed in other conditions of this license.
- Radioactive material is authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:
 

Edgardo D. Apolinar, M.D.	All
Jayasiri R. Fernando, M.D.	All
Kiet A. Hoang, M.D.	All
Ekramul Kabir, M.D.	All
Charisa Mary Ann Spoo, D.O.	All
- The Radiation Safety Officer for this license is Jayasiri R. Fernando, M.D.
- This license does not authorize analysis of leak test samples. However, the licensee is authorized to collect leak test samples for analysis by other persons specifically authorized by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.
- Except as otherwise specifically provided by this license, radioactive material to be administered to humans shall be procured in prepackaged, precalibrated form from a supplier who manufactures, labels, packages, or repackages the product in accordance with the Federal Food, Drug, and Cosmetic Act or the Public Health Service Act under appropriate pharmaceutical controls related to assay, identity, quality, purity, sterility and nonpyrogenicity.
- 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.
- The licensee is authorized to receive, possess and transfer depleted uranium in amounts not greater than 999 kg for use as shielding material.
- Notwithstanding the 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.
- Sealed sources containing radioactive material shall not be opened.

\*  $\mu$ Ci-microcurie; mCi-millicurie; Ci-Curie; MBq-Megabecquerel; GBq-Gigabecquerel; TBq-Terabecquerel; g-gram;  $\mu$ g-microgram; kg-kilogram  
APPROVED BY: \_\_\_\_\_ DATE \_\_\_\_\_ PAGE 2 OF 4

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

STATE OF ILLINOIS  
DEPARTMENT OF NUCLEAR SAFETY  
RADIOACTIVE MATERIAL LICENSE

LICENSEE	LICENSE NUMBER	AMENDMENT NUMBER	EXPIRATION DATE
St. Anthony's Memorial Hospital	IL-01605-01	5	November 30, 1995

10. Notwithstanding the requirements of 32 Ill. Adm. Code 340.3010, waste material generated as a result of *in vitro* testing, for the radioactive material and activities listed in 32 Ill. Adm. Code 330.220(f)(1), may be discarded without regard to its radioactivity. All radiation symbols must be removed or obliterated prior to disposal of these materials.
11. 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 cm<sup>2</sup>. Confirmatory surveys must be performed to ensure that decontamination was effective or decay reduced the levels adequately. Records of each survey must contain the information specified in 32 Ill. Adm. Code 335.2080(f).
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 340.2010, radiation surveys shall be performed prior to disposal to ensure the waste's radioactivity cannot be distinguished from background radiation levels. The package/container surface shall be surveyed with a 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, which include: date of disposal, date placed in storage, specific survey instrument used, background radiation levels, measured radiation levels, and identity of the individual performing the surveys, shall be maintained. All radiation labels shall be removed or obliterated.
  - C. Generator columns shall be segregated from other waste and their shields so that they may be monitored separately to ensure decay to background levels prior to disposal.
  - 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.

STATE OF ILLINOIS  
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RADIOACTIVE MATERIAL LICENSE

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14. The licensee shall take precautions sufficient to prevent loss of each source of radiation.
15. 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 July 30, 1990.
  - B. Letters, with attachments, dated November 29, 1990, May 2, 1991, April 20, 1992, June 17, 1992, and August 11, 1993.
  - C. Letter dated May 30, 1991.

JGK:MEB:sld