



12/29/2010

U.S. Nuclear regulatory Commission, Region I  
Commercial and R&D Branch  
Nuclear Medicine Safety Branch  
Licensing Division  
475 Allendale Road  
King of Prussia, PA 19406-1415

K-8

**Subject:** Amendment of NRC Radioactive materials license number 06-00843-03 issued to St. Vincent's Medical Center of Bridgeport, CT to add new Authorized User for Nuclear Cardiology work

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REGION I  
JAN - 3 PM 12: 37

**License number:** 06-00843-03  
**Docket number:** 030-01245  
**Issued to:** St. Vincent's Medical Center, Bridgeport, CT

This request is for amending our current NRC license referenced above to:

Add Lawrence Schek, M.D. Authorized user for Nuclear Cardiology applications under 10 CFR 35:100 and 10 CFR 35:200.

Dr. Schek is Chairman of Cardiovascular Medicine at our hospital. Prior to joining St. Vincent's Medical Center he was named as authorized user on New York State Radioactive Materials license number 3036 issued to Hudson Valley Heart Center, Poughkeepsie, NY valid through November 30<sup>th</sup>, 2013. Copy of the referenced license is attached with this letter.

Please let me know if you have any questions concerning this request or call our radiation safety officer, Adel Mustafa, Ph.D. at 732 580 8071.

Sincerely,

Susan L. Davis, R.N., Ed.D.  
Chief Executive Officer

CC: Adel Mustafa, Ph.D.  
2800 Rte 1 Street • Bridgeport, Connecticut 06606 • (203) 576-6000 • www.stvincents.org



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NMSS/RGN1 MATERIALS-002

**NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE**

Corrected Copy

Amendment No. 14

Pursuant to the Public Health Law and Part 16 of the New York State Sanitary Code, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing radioactive material(s) for the purpose(s), and at the place(s) designated below. The license is subject to all applicable rules, regulations, and orders now or hereafter in effect of all appropriate regulatory agencies and to any conditions specified below.

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|---|--|
| 1. Name<br><br>Hudson Valley Heart Center   | 3. License Number 3036<br><br>is amended in its entirety to read as follows:                     |
| 2. Address<br><br>1 Columbia Street<br>Poughkeepsie, New York 12601<br><br>Attention: Louis W. Kantaros, M.D.<br>Radiation Safety Officer | 4. a. Effective Date<br><br>November 13, 2003<br><br>b. Expiration Date<br><br>November 30, 2013 |
| 5. Reference Number<br>DH Nos. 02-665, 03-310 & 03-326  |  |
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- |  |                                     |  |
|--|-------------------------------------|--|
| 6. Radioactive Materials<br>(element & mass no.) | 7. Chemical and/or<br>Physical Form | 8. Maximum quantity<br>licensee may possess<br>at one time |
| A. Technetium 99m                                | A. Any                              | A. 1 curie<br>(all forms combined)                         |
| B. Thallium 201                                  | B. Thallous Chloride                | B. 50 millicuries  |
9. Authorized use (unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2, above).
- A. and B. Determination of cardiac function.

**NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE**

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**CONDITIONS**

License No. 3036  
Amendment No. 14  
*(Corrected Copy)*

10. A. Radioactive material listed in Item 6 shall only be used by:
- Ronald Cuffe, M.D.
  - Glenn Gerber, D.O.
  - M. Zubair Jafar, M.D.
  - Louis W. Kantaros, M.D.
  - Douglas Kroll, M.D.
  - Stephen B. Lichtenburg, M.D.
  - Julie Ling, M.D.
  - Lee S. Marcus, M.D.
  - Daniel J. O'Dea, M.D.
  - John Portelli III, M.D.
  - Lawrence Schek, M.D.
  - Lawrence W. Solomon, M.D.
  - Ronald J. Tatelbaum, M.D.
  - David Weinreich, M.D.
- B. Radioactive materials listed in Item 6 shall be used by Louis W. Kantaros, M.D., as appropriate to fulfill the responsibilities of the Radiation Safety Officer.
11. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license, in accordance with statements, representations, and procedures contained in the documents (including any enclosures) listed below:
- A. Application for New York State Department of Health Radioactive Materials License dated December 17, 2002, signed by Louis W. Kantaros, M.D.
  - B. Letter dated December 16, 2002, signed by Louis W. Kantaros, M.D.

**NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE**

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11. C. Letter dated February 18, 2003, signed by Louis W. Kantaros, M.D.

The New York State Department of Health's regulations shall govern the licensee's statements in applications or letters unless the statements are more restrictive than the regulations.

12. A. Radioactive material shall be stored in a locked facility in the original shipping container, or a container providing equivalent radiation protection. Such a facility may be a cabinet, a safe, or a room, providing the facility is locked at all times when no activities are in progress relating to the use of the radioactive material. This includes periods of brief absence of personnel from a nuclear medicine department, laboratory, etc., where radioactive materials are used or stored.
- B. Radioactive materials shall not be stored in the same facilities with materials which might substantially increase the fire or explosion hazard of the storage space and its radioactive contents.
13. A. Transportation of licensed radioactive material shall be subject to all regulations of the U.S. Department of Transportation and other agencies of the United States having jurisdiction insofar as such regulations relate to the packaging of radioactive material, marking and labeling of the packages, loading and storage of packages, monitoring requirements, accident reporting, and shipping papers.
- B. Transportation of low level radioactive waste shall be in accordance with the regulations of the New York State Department of Environmental Conservation as contained in 6 NYCRR Part 381.
14. The licensee shall have available an appropriate survey meter which shall be maintained operational and shall be calibrated before initial use and at subsequent intervals not exceeding twelve months by person(s) specifically authorized by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. Records of all calibrations shall be kept a minimum of five years.
15. Leak tests of sealed sources shall be performed in accordance with Section 16.10 (a)(4), New York State Sanitary Code (10 NYCRR 16). Off-site analysis of leak test samples shall be performed by persons specifically authorized by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. On-site analysis of leak test samples shall be in accordance with procedures approved by the Department.

**NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE**

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16. 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. Affected radioactive waste shall be held for decay a minimum of ten half-lives.
  - B. Prior to disposal as normal waste, radioactive waste shall be surveyed to determine that its radioactivity cannot be distinguished from background. All radiation labels will be removed or obliterated.
  
17. The licensee shall not administer technetium-99m to patients if the technetium-99m contains more than 0.15 microcurie of molybdenum-99 per millicurie of technetium-99m.
  
18.
  - A. The licensee shall not release any licensed radioactive materials into the environment except as allowed by the New York State Department of Environmental Conservation.
  - B. Before use or disposal of any licensed radioactive material in a manner that could result in discharge or release to the environment, the licensee shall obtain from the New York State Department of Environmental Conservation either:
    - i) A valid permit, or
    - ii) A letter stating that no permit is required.
  - C. The licensee shall maintain the letter or valid permit required in paragraph B of this condition on file for the duration of the license and make such letter or permit available for inspection by the Department upon request.
  
19. The licensee shall submit complete decontamination procedures to the Department for approval ninety (90) days prior to the termination of operations involving radioactive materials in any restricted area.
  
20. Plans of facilities which the licensee intends to dedicate to operations involving the use of radioactive material shall be submitted to the Department for review and approval prior to any such use.

NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE

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21. The licensee shall maintain records of information important to safe and effective decommissioning at Hudson Valley Heart Center, 1 Columbia Street, Poughkeepsie, New York, and at other locations as the licensee chooses. The records shall be maintained until this license is terminated by the Department and shall include:
- A. Records of spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site;
  - B. As-built drawings and modifications of structures and equipment in restricted areas where radioactive materials are used and/or stored, and locations of possible inaccessible contamination, such as buried pipes which may be subject to contamination;
  - C. Records of the cost estimate performed for the decommissioning funding plan or the amount certified for decommissioning, and records of the funding method used for assuring funds if either a funding plan or certification is used.
22. The licensee may receive, possess and use calibration and reference standards in accordance with section 16.123(e) of 10 NYCRR Part 16.
23. Nuclear Medicine Technologists who meet the criteria of 10 NYCRR 16.123(a)(3)(i) may perform parenteral injections of radioactive materials for diagnostic purposes under the supervision of a physician on the premises. Prior to allowing parenteral administration by a nuclear medicine technologist, the Radiation Safety Officer shall insure that the technologist is competent in the performance of parenteral administration. Records of this approval must be retained as long as the Nuclear Medicine Technologist is working under the license.

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

Date: November 13, 2003  
Corrected copy issued: **DEC 24 2003**

RD/CAC:ks

By Robert E. Dansereau  
Robert E. Dansereau, Chief  
Radioactive Materials Section  
Bureau of Environmental Radiation Protection