

NAC LN 29-30500-01M

DN 030-34940

Insp No. 2006-001

NEW YORK STATE DEPARTMENT OF HEALTH  
RADIOACTIVE MATERIALS LICENSE

Amendment No. 5

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.

1. Name	Long Island Diagnostic Imaging at Riverhead	3. License Number 3174	is amended in its entirety to read as follows:
2. Address	205 Osborne Avenue Riverhead, New York 11961	4. a. Effective Date	<u>July 11, 2002</u>
Attention:	Azad K. Anand, M.D. Radiation Safety Officer	b. Expiration Date	<u>July 31, 2012</u>
		5. Reference Number	DH No. 01-93

6. Radioactive Materials (element & mass no.)	7. Chemical and/or Physical Form	8. Maximum quantity licensee may possess at one time
A. Any radioactive material as described in 10 NYCRR 16.123(b)(1), except alpha or positron emitting isotopes	A. Any radiopharmaceutical as described in 10 NYCRR 16.123(b)(1)	A. As necessary for uses in Subitem 9A
B. Any radioactive material as described in 10 NYCRR 16.123(b)(2), except alpha or positron emitting isotopes	B. Any radiopharmaceutical or reagent kit as described in 10 NYCRR 16.123(b)(2) (Restricted from molybdenum 99/technetium 99m generators)	B. As necessary for uses in Subitem 9B
C. Technetium 99m	C. Diethylenetriamine-pentaacetic acid (DTPA)	C. 100 millicuries

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

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CONDITION

License No. 3174

12.
  - A. The licensee shall not use radiopharmaceuticals emitting alpha radiation for patient procedures in which this is the radiation of interest.
  - B. The licensee shall not use positron emission tomography agents.
  
13.
  - 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.
  
14.
  - 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.
  
15. 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 persons 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.
  
16. Radioactive gases as free gas or in solution, to be administered to humans, shall be procured from a supplier who distributes the product indicated for human use in accordance with the Federal Food, Drug and Cosmetic Act.
  
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.

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

---

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License No. 3174

18. 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.
19. 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.
20.
  - 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.
21. 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 controlled area.
22. 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**

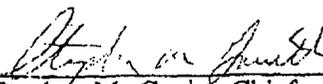
CONDITION

License No. 3174

23. The licensee shall maintain records of information important to safe and effective decommissioning at Long Island Diagnostic Imaging @ Riverhead, 205 Osborne Avenue, Riverhead, 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.
24. The licensee shall establish procedures for preventing misadministrations to patients.
- A. A written order, signed by an authorized user, must be provided before the administration of a therapeutic radiopharmaceutical or a quantity of iodine-125 or iodine-131 greater than 30 microcuries as sodium iodide.
  - B. The written order must contain the radiopharmaceutical, dosage, and route of administration.
  - C. Before administration of a radiopharmaceutical, the patient's identity must be verified by more than one means.

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

Date: February 2, 1996  
SG/CAC:cwd

By   
Stephen M. Gavitt, Chief  
Radioactive Materials Section  
Bureau of Environmental Radiation Protection