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REGION I
2006 DEC -5 PM 1:08

Br.1

Division of Nuclear Materials Safety
US Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

License Number 47-25469-01 03035028

To Whom It May Concern:,

Please amend our byproduct materials license as follows:

1. Add the following two physicians to our license as authorized users for materials identified in 10 CFR 25.100 and 35.200. Verification of these physicians training and experience is attached.
 - a. Gary L. Dier, MD
 - b. Clinton E. Curtis, MD
 - c. Andrew McDonnell, MD
 - d. Ralph J. Perrico, III, MD

Thank you for your attention to this matter.

Sincerely,

Administration

NRC FORM 313
(4-2004)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2005

Estimated burden per response to comply with this mandatory collection request: 7 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER 47-25469-01
☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Plateau Medical Center
430 Main Street East
Oak Hill, West Virginia 25901-2136

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Same

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Sharon L. Long, NPC

TELEPHONE NUMBER

(888) 456-5255

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL.

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 7C AMOUNT ENCLOSED \$ 0.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

David V. Bunch Chief Executive Officer

SIGNATURE

David V. Bunch

DATE

11/10/04

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY			\$	DATE	

RECEIVED
REGIONAL
DEC -5 PM 1:08



STATE OF NEW YORK DEPARTMENT OF HEALTH

Flanigan Square, 547 River Street, Troy, New York 12180-2216

Antonia C. Novello, M.D., M.P.H., Dr.P.H.
Commissioner

Dennis P. Whalen
Executive Deputy Commissioner

Lakes Radiology, PLLC
450 Canisteo Street
Hornell, New York 14843

MAY 16 2006

Attention: Iddo Netanyahu, M.D.
Radiation Safety Officer

Re: NYS Dept. of Health Radioactive
Materials License No. 5140
DH No. 06-189

Dear Licensee:

Enclosed is Amendment No. 1 to New York State Department of Health Radioactive Materials License No. 5140, which incorporates the following changes:

1. Names Kenneth Nalaboff, M.D., as an authorized user for nuclear diagnostic medicine.
2. Removes Andrew Rabin, M.D., as an authorized user.
3. Changes the name of the facility to Lakes Radiology, PLLC.

If I can be of further assistance to you, please contact me at 518-402-7590, or at:

New York State Department of Health
Bureau of Environmental Radiation Protection
Radioactive Materials Section
547 River Street, Flanigan Square - Room 530
Troy, New York 12180-2216

Sincerely,

Alexander H. Damiani, M.S., M.P.H.
Associate Radiological Health Specialist

RED/AHD; gsd

Enclosure: Amendment No.1

2006 DEC -5 PM 1:08

RECEIVED
REGION 1

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LAKES RADIOLOGY

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Central Field Office

217 South Salina Street

Syracuse, New York 13202

Antonla C. Novello, M.D., M.P.H., Dr. P.H.
CommissionerDennle P. Whalen
Executive Deputy Commissioner

October 24, 2005

Lakes Radiology, PC
450 Canisteo St.
Hornell, NY 14843

Attn: Dr. Iddo Netanyahu

Re: Inspection of Radioactive Materials License No. 5140

Dear Dr. Netanyahu:

This letter refers to the inspection conducted by this writer on October 20, 2005, of activities authorized by the New York State Department of Health Radioactive Materials and to the discussion of findings held with you and other members of your staff at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the requirements of the State Sanitary Code, Chapter 1, Part 16, "Ionizing Radiation," and the conditions of your license(s). The inspection consisted of selective examinations of procedures and representative records, interviews with personnel and observations by this writer.

During the inspection, no items of noncompliance with the requirements of Part 16 and the license were noted. It was noted, however, that you had not begun to use radioactive materials under this license. You are requested to notify this office at the time you commence use so that a more detailed inspection may be performed.

I wish to thank you for the cooperation and assistance given to me during the inspection. Please feel free to contact me at (315)- 477-8448 or by email at ghb01@health.state.ny.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary Baker".

Gary Baker
Principal Radiological
Health SpecialistCC: BERP
License

07/06/2006 08:25 18775253701

LAKES RADIOLOGY

PAGE 04

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

License Number 5140

Amendment Number 1

DH. No. 06-189

Lakes Radiology, PLLC
450 Canisteo Street
Hornell, New York 14843

Attention: Iddo Netanyahu, M.D.
Radiation Safety Officer

Dear Licensee:

In accordance with the request dated April 19, 2006, signed by Iddo Netanyahu, M.D., New York State Department of Health Radioactive Materials License No. 5140 is amended as follows:

Change Condition No. 1 to Read:

1. Name:

Lakes Radiology, PLLC.

Change Condition No. 10 to Read:

10. A. Radioactive material listed in Item 6 shall only be used by the following individuals:

Andrew McDonnell, M.D.

Kenneth Nalaboff, M.D.

Iddo Netanyahu, M.D.

B. Radioactive material listed in Item 6 shall be used by Iddo Netanyahu, M.D., as appropriate to fulfill the responsibilities of the Radiation Safety Officer.

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

Date: **MAY 16 2006**
RED/AHD; gsd

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

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

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	3.	License Number
	Lakes Radiology, P.C.		5140
2.	Address	4. a.	Effective Date
	450 Canisteo Street		June 18, 2004
	Hornell, New York 14843		
	Attention: Iddo Netanyahu, M.D.	b.	Expiration Date
	Radiation Safety Officer		June 30, 2014
		5.	Reference Number
			DH No. 03-445

6.	Radioactive Materials (element & mass no.)	7.	Chemical and/or Physical Form	8.	Maximum quantity licensee may possess at one time
A.	Fluorine 18	A.	Fluorodeoxyglucose (FDG)	A.	300 millicuries

9. Authorized use (unless otherwise described, the authorized place of use is the licensee's address stated in Item 2, above).

A. For any diagnostic procedure involving imaging and localization studies as described in 10 NYCRR 16.123 (b) (2). Radioactive materials may not be delivered directly to the ~~Alliance Imaging vehicle~~.
Vantage Health Corp. Vehicle

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

CONDITIONS

License No. 5140

10. A. Radioactive material listed in Item 6 shall only be used by the following individuals:
- Andrew McDonnell, M.D.
- Iddo Netanyahu, M.D.
- ~~Andrew Robin, M.D.~~ *Nalaboff >*
- B. Radioactive material listed in Item 6 shall be used by Iddo Netanyahu, 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 August 12, 2003, signed by Iddo Netanyahu, M.D.
- B. Letter dated July 22, 2003, signed by Iddo Netanyahu, M.D.
- C. Letter dated December 4, 2003, signed by Iddo Netanyahu, M.D.
- D. Letter dated March 18, 2004, signed by Iddo Netanyahu, M.D.
- E. Facsimile June 4, 2004, signed by Iddo Netanyahu, 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.

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

CONDITIONS

License No. 5140

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 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.
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.
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. 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.

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

CONDITIONS

License No. 5140

17. 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.
18. 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.
19. 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.
20. The licensee shall maintain records of information important to safe and effective decommissioning at Lakes Radiology, P.C., 450 Canisteo Street, Hornell, 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.
21. Radiation safety ~~tasks~~ may be delegated to qualified entities, however responsibility for seeing that these ~~tasks~~ have been completed rests with the licensee named in Condition No. 1, and appropriate records must be maintained at the address shown in Condition No. 2.
22. Radioactive materials may be used in the Medical Consultants Imaging Company, a subsidiary of Alliance Imaging, Inc., coach located outside of the Lakes Radiology, P.C., offices as described in the Application for New York State Department of Health Radioactive Materials License dated August 12, 2003, signed by Iddo Netanyahu, M.D.

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

CONDITIONS


License No. 5140

23. The licensee shall maintain doses to members of the public from licensed activities such that the total effective dose equivalent to an individual shall not exceed 100 millirem in one year. The total effective dose equivalent to an individual member of the public shall include doses resulting from exposure to patients administered radioactive materials while those patients remain on the licensee's premises.
24. 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.
25. The licensee shall follow the camera manufacturer's recommendations for radiation safety and quality assurance.
26. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

Date: JUN 18 2004
RD/OAO

By


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

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

Amendment No. 40

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	3. License Number 421
Corning Hospital	is amended in its entirety to read as follows:
2. Address	4. a. Effective Date
176 Denison Parkway East Corning, New York 14830	<u>March 12, 2001</u>
Attention: Peter Nicholson, M.D. Radiation Safety Officer	b. Expiration Date
	<u>March 31, 2011</u>
	5. Reference Numbers DH No. 00-380 DH No. 01-16

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)	B. As necessary for uses in Subitem 9B

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

CONDITIONS

License No. 421
Amendment No. 40

- | | | |
|--|---|--|
| 6. Radioactive Materials
(element & mass no.) | 7. Chemical and/or
Physical Form | 8. Maximum quantity
licensee may possess
at one time |
| C. Iodine 125 | C. Sealed sources | C. 1 curie |
| D. Palladium 103 | D. Sealed sources | D. 1 curie |
| E. Technetium 99m | E. Diethylenetriamine-
pentaacetic acid (DTPA) | E. 100 millicuries |
| F. Molybdenum 99/
Technetium 99m | F. Generator | F. 2 curies |
9. Authorized use (unless otherwise described, the authorized place of use is the licensee's address stated in Item 2, above).
- A. and F. Any diagnostic procedure involving measurement of uptake, dilution, or excretion, as described in 10 NYCRR 16.123 (b) (1).
- B. and F. Any diagnostic procedure involving imaging and localization studies, as described in 10 NYCRR 16.123 (b) (2).
- C. and D. For interstitial treatment of cancer.
- E. Evaluation of pulmonary ventilation.
10. A. Radioactive material listed in Item 6 shall be used by, or under the tutelage of the following individuals, with the specified limitations:
- | | |
|---------------------------|-------------------------|
| Peter LaNasa, M.D. | Subitems C and D |
| D. Eugene Martin, M.D. | Subitems A, B, E, and F |
| Andrew J. McDonnell, M.D. | Subitems A, B, E, and F |
| Peter J. Nicholson, M.D. | Subitems A, B, E, and F |

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 3 PAGES
Amendment No. 02**MATERIALS LICENSE**

Licensee to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below, to use such material for the purpose(s) and at the place(s) designated below, to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee 1. Marshfield Clinic Lakeland Center 2. 9601 Townline Road Minocqua, WI 54548		In accordance with letter dated December 7, 2001, 3. License number 48-32193-01 is amended in its entirety to read as follows: 4. Expiration date September 30, 2009 5. Docket No. 030-35132 Reference No.
6. Byproduct source, and/or special nuclear material A. Any byproduct material identified in 10 CFR 35.100 B. Any byproduct material identified in 10 CFR 35.200 C. Iodine-125 D. Palladium-103 E. Gadolinium-153 F. Barium-133	7. Chemical and/or physical form A. Any radiopharmaceutical identified in 10 CFR 35.100 B. Any radiopharmaceutical identified in 10 CFR 35.200 (excluding xenon-133) C. As identified in 10 CFR 35.400 D. As identified in 10 CFR 35.400 E. Sealed sources (North American Scientific, Inc. Model 3601) F. Sealed sources (Isotope Products Laboratories, Model PHI-0094)	8. Maximum amount that licensee may possess at any one time under this license A. As needed B. As needed C. 200 millicuries D. 600 millicuries E. 4 sources, not to exceed 250 millicuries each F. 4 sources, not to exceed 10 millicuries each
9. Authorized Use: A. Medical use described in 10 CFR 35.100. B. Medical use described in 10 CFR 35.200 (excluding xenon-133). C. and D. Any brachytherapy procedure approved in 10 CFR 35.400 for which the patient can be released under the provisions of 10 CFR 35.75. E. Two sources to be used in ADAC Laboratories Transmission Line Source Housing VANTAGE devices for medical radiography in humans. Two sources in shipping containers for replacement of the sources.		

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FILE ROOM RADIOLOGY

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NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 3 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
48-32183-01Docket or Reference Number
030-35132

Amendment No. 02

- F. Two sources to be used in Picker AXIS, BEACON shielded source housing devices for medical radiography in humans. Two sources in shipping containers for replacement of the sources.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 9601 Townline Road, Minocqua, Wisconsin.
11. The Radiation Safety Officer for this license is **Randell L. Kruger, Ph.D.**
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized Users

Gary L. Dier, M.D.

William W. Kronzer, M.D.

Brian D. Nelson, M.D.

Material and Use

10 CFR 35.100, 35.200 (excluding xenon-133), Gadolinium-153 in VANTAGE devices for medical radiography, and Barium-133 in Picker AXIS devices for medical radiography.

10 CFR 35.100, 35.200 (excluding xenon-133), Gadolinium-153 in VANTAGE devices for medical radiography, and Barium-133 in Picker AXIS devices for medical radiography.

10 CFR 35.100, 35.200 (excluding xenon-133, limited to cardiovascular clinical procedures), Gadolinium-153 in VANTAGE devices for medical radiography, and Barium-133 in Picker AXIS devices for medical radiography.

13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by NRC under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.

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FILE ROOM RADIOLOGY

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NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 3 of 3 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
48-32193-01DocId or Reference Number
030-35132

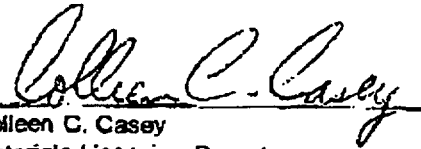
Amendment No. 02

- C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U. S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, IL 60532-4351, ATTN: Director, Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.
- E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not perform the analysis; analysis of leak samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated June 15, 1999 (excluding any reference to Quality Management Program); and
- B. Letter dated August 11, 2000 (with attachments).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 18 2002

By


 Colleen C. Casey
 Materials Licensing Branch
 Region III

Amendment No. 12Page 1 of 3

OHIO DEPARTMENT OF HEALTH

LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3746 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the applications of Chapter 3746 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

LICENSEE 1. Alliance Community Hospital 2. 200 East State Street Alliance, Ohio 44601	LICENSE NUMBER 3. 02121770001 EXPIRATION DATE 4. February 1, 2009 BUREAU DOCKET NUMBER 5. LS14-03-98
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- | | | |
|--|---|---|
| 6. RADIOACTIVE MATERIAL

A. Any radioactive material identified in rule 3701:1-58-32 of the Ohio Administrative Code

B. Any radioactive material identified in rule 3701:1-58-34 of the Ohio Administrative Code

C. Any radioactive material identified in 3701:1-46-11 of the Ohio Administrative Code

D. Cobalt - 57 | 7. CHEMICAL AND/OR PHYSICAL FORM

A. Any Radiopharmaceutical Form identified in rule 3701:1-58-32 of the Ohio Administrative Code

B. Any Radiopharmaceutical form identified in rule 3701:1-58-34 of the Ohio Administrative Code (excluding Xe-133)

C. Prepackaged Kits

D. Sealed Source | 8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE

A. As Needed, not to exceed 3.7 GBq (100 mCi) cobalt-57

B. As Needed

C. As Needed

D. As Needed, no single source to exceed 925 MBq (25 mCi) |
|--|---|---|

9. Authorized Use

- A. Uptake, Dilution, and Excretion studies per rule 3701:1-58-32 of the Ohio Administrative Code.
- B. Diagnostic Imaging and Localization rule 3701:1-58-34 of the Ohio Administrative Code (excluding Xe-133).
- C. In Vitro studies as identified in 3701:1-46-11 of the Ohio Administrative Code.
- D. Check, calibration, and reference sources.

CONDITIONS

10. Licensed material may only be used at the licensee's facilities located at:
 200 East State Street
 Alliance, Ohio 44601
11. The Radiation Safety Officer or Person in Charge of the radioactive material for this license is:
 Gary L. Dier, M.D.

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page 3 of 3
	License Number: 02121770001
	Bureau Docket Number: LS14-03-98
	Amendment No. 12

- A. Application dated October 29, 2003
- B. Letter dated December 1, 2003
- C. Amendment #6, license # 2121770001 renewed in its entirety.
- D. Letter dated May 5, 2005 (Amendment 7)
- E. Letter dated June 15, 2005 (Amendment 8)
- F. Letter dated January 26, 2006 (Amendment 9)
- G. Letter dated February 7, 2006 (Amendment 10)
- H. Director's Order dated April 21, 2005 (Amendment #11)
- I. Letter dated July 14, 2006 (Amendment #12)
- J. Facsimile dated September 20, 2006 (Amendment #12)

For the Ohio Department of Health

DATE:

10/4/06

BY:


Director, Ohio Department of Health

OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET	Page 2 of 3
	License Number: 02121770001
	Bureau Docket Number: LS14-03-98
	Amendment No. 12

12. Licensed material shall be used by, or under the supervision of, individuals designated in writing:

Authorized Users

Material and Use

- | | |
|--------------------------------|---|
| A. Dennis Burton, M.D. | A. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
| B. Peter Caruso, M.D. | B. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
| C. Mark Hackney, M.D. | C. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
| D. Robert Smith, M.D. | D. Uses permitted by rule 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
| E. Jeffrey M. Yost, M.D. | E. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
| F. Gary L. Dier, M.D. | F. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
| G. William Lee Noble, M.D. | G. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
| H. Ralph J. Parrico, III, M.D. | H. Uses permitted by rules 3701:1-58-32 and 3701:1-58-34 (excluding Xe-133) of the Ohio Administrative Code |
13. All sealed sources that are used or obtained shall have been evaluated and approved by the U.S. Nuclear Regulatory Commission under the provisions 3701:1-49-46 of the Ohio Administrative Code or by equivalent NRC, Agreement State, or NARM licensing state.
14. All persons performing activities meeting the definition of "Nuclear Medicine Technologist" as specified in R.C. 4773.01 shall be licensed by, and in good standing with the State of Ohio.
15. In addition to the possession limits in item 8, the licensee shall further restrict the possession of sealed source licensed materials to quantities below the minimum limit specified in 3701:1-40-17(C) of the Ohio Administrative Code, for establishing decommissioning financial assurance.
16. In addition to the requirements in rule 3701:1-58-30 of the Ohio Administrative Code any patient administered gamma emitting radiopharmaceuticals or permanent brachytherapy sources shall be provided a patient release card to include:
- (1) The patient's name.
 - (2) The radionuclide administered and its activity.
 - (3) The facility name which administered the radionuclide.
 - (4) The date of the administration of the radionuclide.
 - (5) The expiration date of the card.

The card is not applicable to those patients who are institutionalized (Hospitals, Nursing Homes, Correctional Institutions, etc.) or whose radiation levels do not exceed 0.1 mR/hr at one meter.

17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.



**Charleston Area
Medical Center**

MEDICAL IMAGING

3200 MacCorkle Ave. SE
Charleston, WV 25304
(304) 388-5474
Fax: (304) 388-8922

July 13, 2006


Dear Colleague,

I am an authorized user listed on the Radioactive Material License of NRC, license number 47-15473-01. This communication is to confirm that Clinton E. Curtis, MD has successfully completed all training requirements set forth by the Nuclear Regulatory Commission guidelines section 35.290, paragraph c (1). Dr. Curtis has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC guidelines 35.100 and 35.200. Dr. Curtis has completed 700 hours of training and experience in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies. This training and experience include a minimum of the following:

- A. 1) Classroom and laboratory training in the following areas:
 - a. radiation physics and instrumentation
 - b. radiation protection
 - c. mathematics pertaining to the use and measuring of radioactivity
 - d. chemistry of byproduct material for medical use
 - e. radiation biology
 - f. generator elution
- 2) Work experience under the supervision of Steven w. Walter, MD (Corscan Plus Inc.), which meet the requirements under 35.290, involving:
 - a. ordering, receiving and unpacking radioactive materials safely and performing the related radiation surveys
 - b. calibrating instruments used to determine the activity of dosages and performing checks for proper operation of survey meters
 - c. calculating, measuring, and safely preparing patient or human research subject dosages
 - d. using administrative controls to prevent a medical event involving the use of unsealed byproduct material
 - e. using procedures to safely contain spilled radioactive material and using proper decontamination procedures
 - f. administering dosages of radioactive drugs to patients or human research subjects
 - g. eluting generator systems appropriate for preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radioactive purity and processing the eluate with reagent kits to prepare labeled radioactive drugs.

I am pleased to confirm that Dr. Curtis has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under NRC guidelines 35.100 and 35.200.

Sincerely,



Steven Artz, MD



**Charleston Area
Medical Center**

Imaging Services

3200 MacCorkle Avenue, SE
Charleston, West Virginia 25304
(304) 348-5474

September 14, 2005

Clinton E. Curtis
305 O'Dell Farm Lane
Oak Hill, West Virginia 25901

RE: Clinton Curtis, MD

To Whom It May Concern:

Dr. Clinton Curtis's training was equivalent to Level 2 training in nuclear cardiology as outlined in the ACC/ASNC COCATS Guidelines (revised 2000).

Dr. Curtis is competent to independently function as an authorized user under NRC 10 CFR 35.290 uses.

Sincerely,

Steven Artz, MD (K48)
NRC authorized user number: 47-15473-01



Quality Control Procedures Worksheet

Name CLINTON E. CURTIS, MD

§ 35.290 Training for imaging and localization studies

Please complete the following activities and have them attested by the nuclear medicine technologist in the laboratory and fax to 703-995-4433.

(B) Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;

(1) Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys;

Date Completed 6/24/05 Attestation Signature April D. Sommer

(2) Calibrating instruments and performing quality control procedures used to determine the activity of dosages and performing checks for proper operation of survey meters;

Date Completed 6/24/05 Attestation Signature April D. Sommer

(3) Calculating, measuring, and safely preparing patient or human research subject dosages;

Date Completed 6/24/05 Attestation Signature April D. Sommer

(4) Using administrative controls to prevent a medical event involving the use of unsealed byproduct material;

Date Completed 6/24/05 Attestation Signature April D. Sommer

(5) Using procedures to safely contain spilled radioactive material and using proper decontamination procedures;

Date Completed 6/24/05 Attestation Signature April D. Sommer

(6) Administering dosages of radioactive drugs to patients or human research subjects;

Date Completed 6/24/05 Attestation Signature April D. Sommer

Certificate of Completion

Authorized User Classroom and Laboratory Training Program

Clinton E. Curtis, D.O.

has successfully completed 80 hours of classroom and laboratory training that included:

Radiation physics and instrumentation; Radiation protection; Mathematics pertaining to the use and measurement of radioactivity; Chemistry of byproduct material for medical use; Radiation biology; Generator elution; Review of regulations regarding the medical use of radioisotopes and performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of assay meters.

CorScan™
The Nuclear Imaging Company
www.corscanplus.com

Steven W. Walter, MD

Steven W. Walter, MD
Program Director
General Manager and CEO
CorScan Plus
910-249-0414
Authorized User NRC License No. 32-31038-01

July 14, 2005

Date



Washington
Hospital Center

MedStar Health

This is to certify that

Clinton Curtis, MD

Attended the following Continuing Medical Education activity

Myocardial Perfusion Scintigraphy: Tricks of the Trade

June 30, 2001-June 30, 2002

Univ. Inn & Conf. Ctr. Amherst, NY

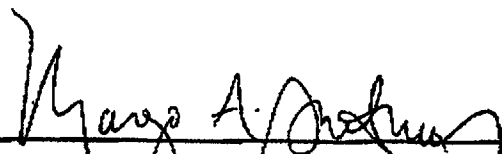
And has earned the following:

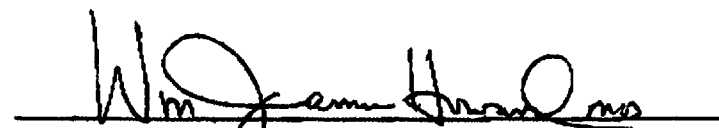
Cat 1 AMA Credit

7.0 hours

Washington Hospital Center is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

Washington Hospital Center has designated this educational activity for category 1 credit towards the AMA Physician's Recognition Award.


Chair, CME Advisory Committee


Senior Vice President & Medical Director

This is to acknowledge the receipt of your letter/application dated

11/10/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 47-25469-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 139807.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.