

CARDIOVASCULAR ASSOCIATES OF MOUNTAINSIDE
1216 ROUTE 22 WEST
MOUNTAINSIDE, NJ 07092
(908) 654-1200

NMSB2

RECEIVED
REGION 1
2008 FEB 27 PM 12: 16

Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

03036192

Re: Notification to NRC License #29-30797-01

November 28, 2007

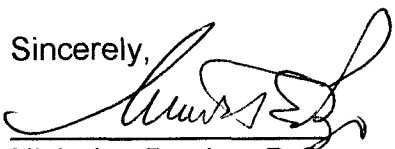
Dear Sir/ Madam,

Please **add** authorized user David L. Robbins M.D to our NRC License #29-30797-01 Enclosed for your review regarding Dr. Robbins are:

- 1) Nuclear Medicine Board Certificate in Nuclear Cardiology. (2006-2016)
- 2) Curriculum vitae for Dr. Robbins
- 3) The Heart Center (Eatontown Facility) NJBRP license #20763/01/002 and NRC license #29-30763-01 listing David L. Robbins, M.D. as an authorized user.

Thank you in advance for your cooperation.

Please contact our Physics Consultant, Elaine Rovazzi, M.S. @ (973) 322-5118 for any further information.

Sincerely,


Nicholas Brodyn, D.O.
Management, Cardiovascular Associates of Mountainside

- enc Curriculum vitae
CBNC board certification
NRC license #29-30763-01
NJBRP license #20763

142063

Certification Board of Nuclear Cardiology

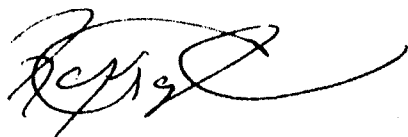
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Certifies That

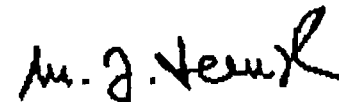
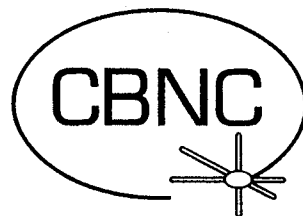
David Lodge Robbins Jr., MD

HAVING MET THE REQUIREMENTS PRESCRIBED BY THIS BOARD
FOR PHYSICIANS TRAINED IN THE UNITED STATES
AND HAVING SATISFACTORILY PASSED THE REQUIRED EXAMINATION,
IS HEREBY DESIGNATED
A DIPLOMATE CERTIFIED IN THE SUBSPECIALTY OF
NUCLEAR CARDIOLOGY

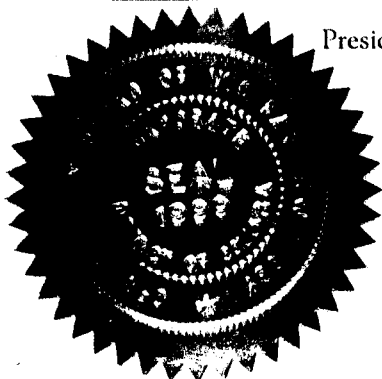
FOR THE PERIOD 2006 - 2016



President



Secretary



CERTIFICATE NUMBER: 4951

DAVID L. ROBBINS JR., M.D.

[REDACTED]
[REDACTED] (Home)
(908) 654-1200 (Office)
[REDACTED] (Cell)
(973) 467-2933 (Fax)
[REDACTED]

EDUCATION

University of Vermont College of Medicine, Burlington, VT. Doctor of Medicine.
August, 1990 - May, 1994.

University of Vermont, Burlington, VT. Post Graduate Studies.
January, 1988 - August, 1990.

University of Vermont, Burlington, VT. Bachelor of Science, Biochemistry.
August, 1982 - May, 1986.

POST-GRADUATE TRAINING

University of Vermont College of Medicine, Department of Medicine, Cardiology Division,
Burlington, VT.
Fellowship in Interventional Cardiology.
July, 2000 - July, 2001.

University of Vermont College of Medicine, Department of Medicine, Cardiology Division,
Burlington, VT.
Fellowship in Cardiovascular Disease.
July, 1997 - July, 2000.

University of Vermont College of Medicine, Department of Medicine, Burlington, VT.
Residency in Internal Medicine.
July, 1994 - July, 1997.

EMPLOYMENT

Newark Beth Israel Medical Center, Newark, NJ.
Staff Cardiologist.
April, 2007 - present.
Responsibilities: Perform all duties of a hospital based general and Interventional cardiology practice.

Cardiovascular Associates of Mountainside, P.A., Mountainside, NJ.
Interventional Cardiologist.
April, 2007 - present.
Responsibilities: Perform all duties of an office and hospital based general and Interventional cardiology practice.

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

David L. Robbins Jr., M.D.

The Heart Center, pc, Eatontown, NJ.

Interventional Cardiologist.

September, 2002 – April, 2007.

Responsibilities: Performed all duties of an office and hospital based general and interventional cardiology practice.

**University of Vermont College of Medicine, Department of Medicine, Cardiology Division,
Burlington, VT.**

Laboratory Technician.

December, 1986 - August, 1990.

University of Vermont College of Medicine, Department of Pharmacology, Burlington, VT.

Laboratory Technician. College work-study position.

September, 1982 - May, 1986.

CERTIFICATION

Diplomate of the Certification Board of Nuclear Cardiology, 2006.

Diplomate in Cardiovascular Disease, American Board of Internal Medicine, 2005.

Diplomate in Internal Medicine, American Board of Internal Medicine, 1997.

National Board of Medical Examiners, 1995.

LICENSURE

New Jersey, 2002 - present.

Vermont, 1999 - present.

HOSPITAL AFFILIATIONS

Overlook Hospital, 99 Beauvoir Avenue, Summit, NJ, 07902.

July, 2007 - present.

Union Hospital, 1000 Galloping Hill Road, Union, NJ, 07083.

June, 2007 - present.

Newark Beth Israel Medical Center, 201 Lyons Avenue, Newark, NJ, 07112.

February, 2007 - present.

University Hospital, 185 South Orange Avenue, Newark, NJ, 07101.

September, 2006 - present.

**Robert Wood Johnson University Hospital, One Robert Wood Johnson Place, New Brunswick,
NJ, 08903.**

April, 2004 - present.

Monmouth Medical Center, 300 Second Avenue, Long Branch, NJ, 07740.

October, 2003 - present.

David L. Robbins Jr., M.D.

ACADEMIC APPOINTMENTS

University of Medicine and Dentistry of New Jersey, Department of Medicine, Newark, NJ.
Clinical Instructor in Medicine
March, 2006 - present.

University of Vermont College of Medicine, Department of Medicine, Burlington, VT.
Clinical Instructor in Medicine
July, 1995 - July, 2001.
Supervised medical students, residents, and fellows in the clinical setting.

RESEARCH EXPERIENCE

University of Vermont College of Medicine, Department of Medicine, Cardiology Division, Burlington, VT.
1994-2001.
Clinical trial experience involving the implementation of protocols for a variety of multicenter trials including: GUSTO, TIMI 14, TIMI 23, GUARD (Angioguard distal protection device), and AGT Protocol 97166 (Coronary angiogenesis gene therapy protocol).

University of Vermont College of Medicine, Department of Medicine, Cardiology Division, Burlington, VT.
1995-1996.
Studied the age and sex related differences in cholesterol screening, education, and treatment following an acute myocardial infarction.

University of Vermont College of Medicine, Department of Medicine, Cardiology Division, Burlington, VT.
June - September, 1991.
Medical Student Research Fellowship.
Designed and implemented a protocol to assess the use of flow cytometry and labeled microspheres in the measurement of regional myocardial blood flow.

University of Vermont College of Medicine, Department of Pharmacology, Burlington, VT.
January - May, 1984.
Undergraduate Research Elective.
Studied the acute effects of varying concentrations of ethanol on fetal mouse hearts.

PUBLICATIONS

Ershler, WB; Robbins, DL; Moore, AL; Hebert, JC. The Age-Related Decline in Antibody Response is Transferred by Old to Young Bone Marrow Transplantation. *Experimental Gerontology*, 1986; 21(1):45-53.

Metzger, WJ; Dominey, HC; Robbins, DL; Richerson, HB. Late Asthmatic Responses (LAR) During Bronchoprovocation (BPC). Correlation with Specific IgE and Symptoms. Abstract No. 42, American Academy of Allergy and Immunology - Abstract Book, San Francisco. 1981.

David L. Robbins Jr., M.D.

License No.: NJSL-20763/01/002
 Amendment No.: 002
 Page 1 of 4

State of New Jersey

Department of Environmental Protection
 Bureau of Environmental Radiation
 Radioactive Materials Section
 PO Box 415, Trenton, NJ 08625-0415
 Phone (609) 984-5462

New Jersey Radioactive Materials License

Pursuant to the New Jersey Radiation Code, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive or use the naturally occurring and/or accelerator produced material(s) (NARM) designated below; and to such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations, and orders of the State Department of Environmental Protection, now or hereafter in effect, and to any conditions specified below.

1. License No.: NJSL-20763/01/002		2. Expiration Date: 11/30/2007	
3. Licensee: HEART CENTER (FHE) (EATONTOWN FACILITY)		4. Address: 117 Highway 35 Eatontown NJ 07724	
Radiation Safety Officer: John Clemente, M.D.		County: Monmouth Telephone: (732) 389-0266	
Administrator: John Clemente, M.D.		5. Reference No.: 800	

RADIOACTIVE MATERIALS DATA (A)

6. Material	7. Limit (mCi)	8. Form
A. Any naturally occurring and/or accelerator produced material included under Group II, Section 4.7 of NJAC	100.0000	Any radiopharmaceutical included under Group II, Section 4.7 of NJAC 7:28-4.
B. CO-57	36.0000	Sealed Source

RADIOACTIVE MATERIALS DATA (B)

9. Authorized Use
A. Any diagnostic procedure under Group II of NJAC 7:28-4, Section 4.7
B. For calibrating and checking of instruments.

Conditions begin on the following page.

License No.: NJSL-20763/02/003
Amendment No.: 003
Page 2 of 4

New Jersey Radioactive Materials License

10. Radioactive material shall only be used at 2958 Highway 35, Hazlet, New Jersey.
11. Radioactive material listed in Conditions 6, 7, and 8 shall be used by or under the supervision of the following: John Clemente, M.D. and David L. Robbins, Jr., M.D. ✓
12. Compliance with other U.S. Agencies having jurisdiction and regulations for radiopharmaceuticals must be maintained.
13. The licensee shall retain records of misadministrations in the use of the licensed radioactive materials. Misadministrations being defined as a radiopharmaceutical or radiation from a sealed source which is improperly used as follows:
 - A. Administration of the wrong radiopharmaceutical or sealed source.
 - B. Administration to the wrong patient.
 - C. Administration by a route other than that intended by the prescribing physician.
 - D. Administered diagnostic dose differing by more than 50 percent of the prescribed dose.
 - E. Administered therapeutic dose differing by more than 10 percent of the prescribed dose.Records of misadministrations are to include the following information: name of the referring physician, description of the event, the effect on the patient and the action taken to prevent recurrence.
14. The licensee shall not open sealed sources containing radioactive material.
15. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months.
 - A. The test shall be capable of detecting the presence of 0.005 microcuries of removable radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surface of the device in which the sealed source is permanently mounted or stored.
 - B. If the test reveals the presence of 0.005 microcuries of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with the Department regulations. Within five days after obtaining results of the test, a report shall be filed with the Department describing the circumstances, the test results and the corrective action taken.
 - C. The sealed sources shall be tested for leakage and/or contamination by appropriately trained personnel.
16. Repair, initial leak tests and disposal of sealed sources containing radioactive material shall be performed only by the manufacturer or by other persons specifically licensed by New Jersey or the Federal Government to perform this service.
17. Radioactive material with a physical half life of less than 300 days may be disposed of as non-radioactive waste provided that (a) the radioactive waste is stored behind adequate shielding to meet the requirements of New Jersey Radiation Code 28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radioisotope to be disposed of, (c) the radioactive waste is monitored with a GM meter prior to disposal to insure background levels, (d) all radiation labels are removed or obliterated and (e) a log shall be maintained to include the results of the radiation survey and date of disposal.
18. A survey of the administration area used for stress thallium studies shall be performed and documented on the day the test is done.

License No.: NJSL-20763/02/003
Amendment No.: 003
Page 3 of 4

New Jersey Radioactive Materials License

19. The licensee shall make the following items available to their staff:
- Copy of the New Jersey Radiation Protection Code.
 - Copy of the New Jersey State Radioactive Material License.
20. The licensee shall post the following items in an area frequented by employees engaged in the use of licensed materials:
- Notice to Employees – RPP-14.
 - Emergency procedures involving major, minor spills including the names and phone numbers of people to contact.
 - Appropriate signs and labels in areas and/or containers and equipment in which radiation and/or radioactive material are contained. These postings are to conform to Subchapter 10 of the Code.
21. The following tests shall be performed as a minimum:
- Surveys of:
 - All radioactive materials received.
 - All radioactive waste decayed to background levels prior to release.
 - Controlled areas, where licensed materials are used on days they are used.
 - Uncontrolled areas, where licensed materials are used on days they are used.
 - Personnel who handle radioactive materials when radioactive materials are used.
 - Wipe tests of:
 - Controlled areas, weekly, where unsealed sources of licensed materials are used during weeks the material is used.
22. The following records shall be maintained:
- Radioactive materials received including but not necessarily limited to date of receipt, radionuclide, activity, mass or volume of material, results of package survey, instrument used for surveys and surveyor's initials.
 - Radioactive materials administered to patients including but not necessarily limited to date of administration, radionuclide, calibrated activity administered, quantity, patient name, administrator's signature.
 - Radioactive material disposals including but not necessarily limited to:
 - Disposals to Vendor: nuclide, activity, vendor name, quantity, date of disposal.
 - Disposal by Decay: Results of survey of the waste, date of survey, date of waste disposal, instrument used, and surveyor's initials.
 - Disposal to Sanitary Sewer: nuclide, activity, volume of dilution waste per day, date of disposal.
 - Survey instrument calibration performed annually and after instrument repair.
 - Sealed source leak tests at intervals not to exceed six months. Results are to be reported in microcuries.

License No.: NJSL-20763/02/003
Amendment No.: 003
Page 4 of 4

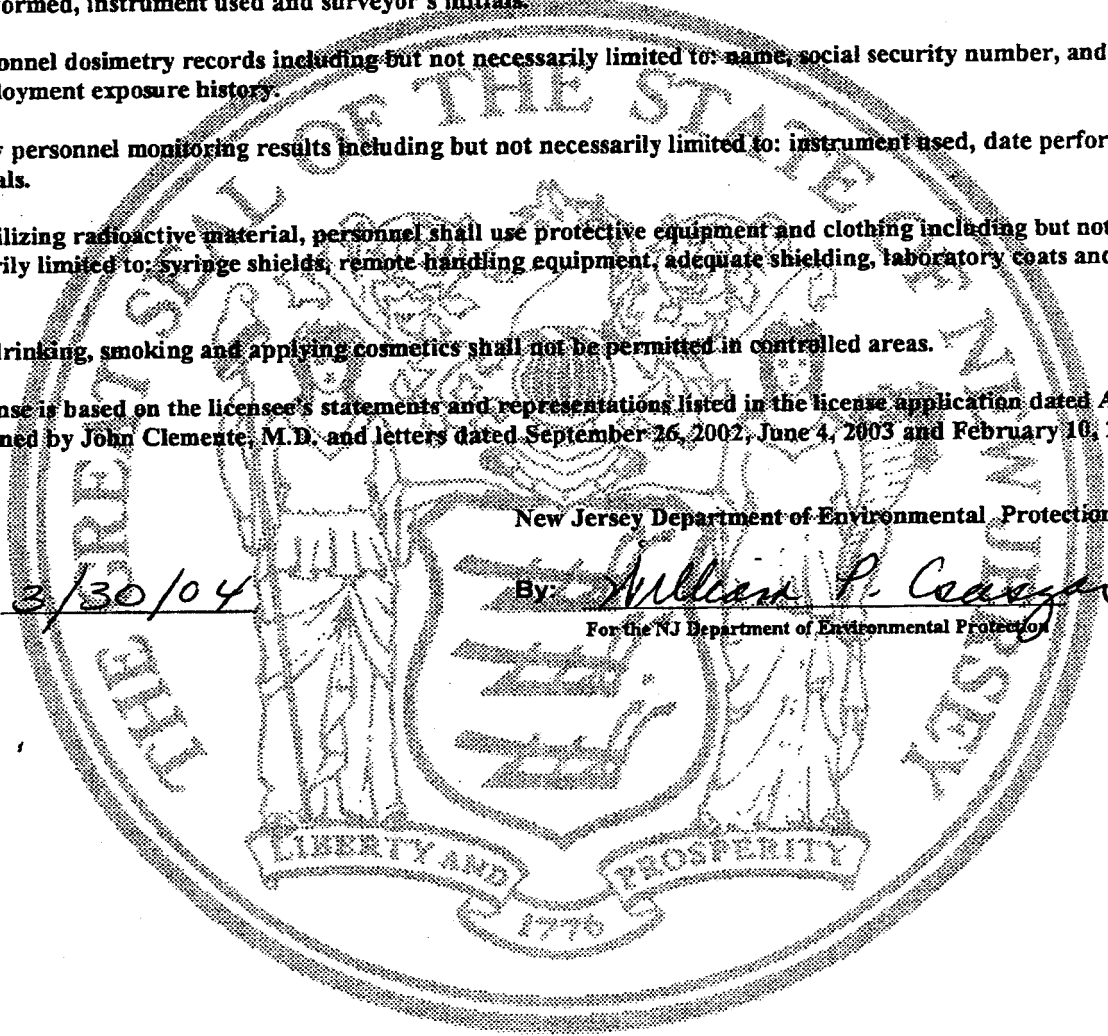
New Jersey Radioactive Materials License

- F. Surveys performed in controlled and uncontrolled areas including but not necessarily limited to: test results in mR/hr, date performed, instrument used and surveyor's initials.
- G. Wipe tests performed in controlled areas including but not necessarily limited to: test results in dpm, date performed, instrument used and surveyor's initials.
- H. Personnel dosimetry records including but not necessarily limited to: name, social security number, and prior employment exposure history.
- I. Daily personnel monitoring results including but not necessarily limited to: instrument used, date performed and initials.
- 23. While utilizing radioactive material, personnel shall use protective equipment and clothing including but not necessarily limited to: syringe shields, remote handling equipment, adequate shielding, laboratory coats and disposable gloves.
- 24. Eating, drinking, smoking and applying cosmetics shall not be permitted in controlled areas.
- 25. This license is based on the licensee's statements and representations listed in the license application dated August 9, 2002 signed by John Clemente, M.D. and letters dated September 26, 2002, June 4, 2003 and February 10, 2004.

New Jersey Department of Environmental Protection Signature

Date: 3/30/04

By: William P. Cooney
For the NJ Department of Environmental Protection



NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 2 PAGES
Amendment No. 1

MATERIALS LICENSE

Pursuant 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.

<p>Licensee</p> <p>1. The Heart Center</p> <p>2. ✓ 117 US Highway 35 Eatontown, New Jersey 07724</p>	<p>In accordance with the letter dated February 10, 2004,</p> <p>3. License number 29-30763-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date October 31, 2012</p> <hr/> <p>5. Docket No. 03066098 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.200</p>	<p>7. Chemical and/or physical form</p> <p>A. As needed</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p>
<p>9. Authorized use:</p> <p>A. Any imaging and localization study permitted by 10 CFR 35.200.</p>		

★ **CONDITIONS** ★

- 10. Licensed material may be used or stored only at the licensee's facilities located at 117 US Highway 35, Eatontown, New Jersey and 2958 US Highway 35, Hazlet, New Jersey.
- 11. Licensed material is only authorized for use by, or under the supervision of:
 - A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
 - B. The following individuals are authorized users for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
John Clemente, M.D.	35.200
✓ David L. Robbins, Jr., M.D.	35.200

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 2 PAGES

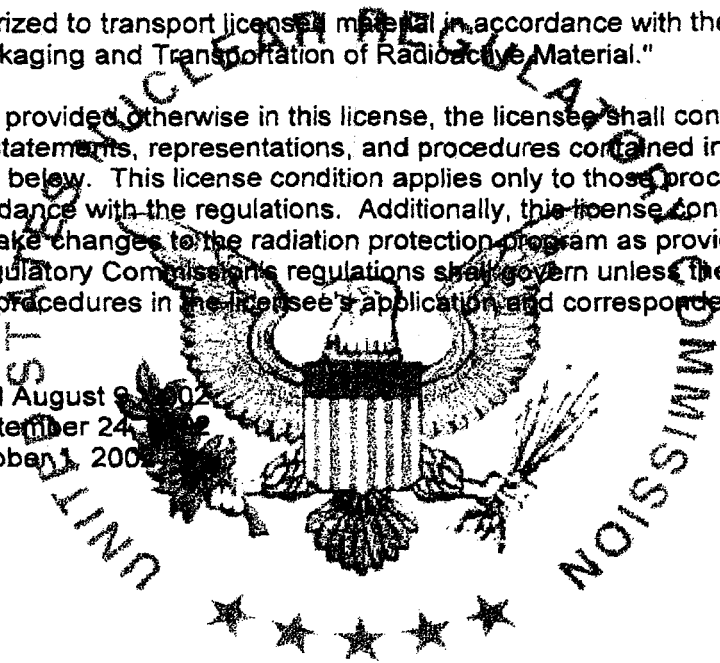
**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
29-30763-01

Docket or Reference Number
03036098

Amendment No. 1

- 12. The Radiation Safety Officer for this license is John Clemente, M.D..
- 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 financial assurance for decommissioning.
- 14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. 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 August 9, 2002
 - B. Letter dated September 24, 2002
 - C. Letter dated October 1, 2002



For the U.S. Nuclear Regulatory Commission

Date March 9, 2004

By *Michelle Beardsley*
 Michelle Beardsley
 Nuclear Materials Safety Branch 1
 Division of Nuclear Materials Safety
 Region I
 King of Prussia, Pennsylvania 19406

64837486

License No.: NJSL-20763/02/003
 Amendment No.: 003
 Page 1 of 4

State of New Jersey

Department of Environmental Protection
 Bureau of Environmental Radiation
 Radioactive Materials Section
 PO Box 415, Trenton, NJ 08625-0415
 Phone (609) 984-5462

New Jersey Radioactive Materials License

Pursuant to the New Jersey Radiation Code, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, or use the naturally occurring and/or accelerator produced material(s) (NARM) designated below, and to such radioactive materials for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations, and orders of the State Department of Environmental Protection, now or hereafter in effect, and to any conditions specified below.

1. License No.: NJSL-20763/02/003	2. Expiration Date: 09/30/2007
3. Licensee: HEART CENTER (HHE) (HAZLET FACILITY)	4. Address: 2958 Highway 95 Hazlet NJ 07730
Radiation Safety Officer: John Clemente, M.D.	County: Monmouth
Administrator: John Clemente, M.D.	Telephone: (732) 888-4445
	5. Reference No.: 800

RADIOACTIVE MATERIALS DATA (A)

6. Material	7. Limit (mCi)	8. Form
A. Any naturally occurring and/or accelerator produced material included under Group II, Section 4.7 of NJAC	100.0000	Any radiopharmaceutical included under Group II, Section 4.7 of NJAC 7:28-4.
B. CO-57	30.0000	Sealed Source

RADIOACTIVE MATERIALS DATA (B)

9. Authorized Use
A. Any diagnostic procedure under Group II of NJAC 7:28-4, Section 4.7
B. For calibrating and checking of instruments.

Conditions begin on the following page.

License No.: NJSL-20763/01/002
Amendment No.: 002
Page 2 of 4

New Jersey Radioactive Materials License

10. Radioactive material shall only be used at 117 Highway 35, Eatontown, New Jersey.
11. Radioactive material listed in Conditions 6, 7, and 8 shall be used by or under the supervision of the following: John Clemente, M.D. and David L. Robbins, Jr., M.D.
12. Compliance with other U.S. Agencies having jurisdiction and regulations for radiopharmaceuticals must be maintained.
13. The licensee shall retain records of misadministrations in the use of the licensed radioactive materials. Misadministrations being defined as a radiopharmaceutical or radiation from a sealed source which is improperly used as follows:
 - A. Administration of the wrong radiopharmaceutical or sealed source.
 - B. Administration to the wrong patient.
 - C. Administration by a route other than that intended by the prescribing physician.
 - D. Administered diagnostic dose differing by more than 50 percent of the prescribed dose.
 - E. Administered therapeutic dose differing by more than 10 percent of the prescribed dose.Records of misadministrations are to include the following information: name of the referring physician, description of the event, the effect on the patient and the action taken to prevent recurrence.
14. The licensee shall not open sealed sources containing radioactive material.
15. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months.
 - A. The test shall be capable of detecting the presence of 0.005 microcuries of removable radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surface of the device in which the sealed source is permanently mounted or stored.
 - B. If the test reveals the presence of 0.005 microcuries of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with the Department regulations. Within five days after obtaining results of the test, a report shall be filed with the Department describing the circumstances, the test results and the corrective action taken.
 - C. The sealed sources shall be tested for leakage and/or contamination by appropriately trained personnel.
16. Repair, initial leak tests and disposal of sealed sources containing radioactive material shall be performed only by the manufacturer or by other persons specifically licensed by New Jersey or the Federal Government to perform this service.
17. Radioactive material with a physical half life of less than 300 days may be disposed of as non-radioactive waste provided that (a) the radioactive waste is stored behind adequate shielding to meet the requirements of New Jersey Radiation Code 28-6, (b) the radioactive waste is held for ten half-lives of the longest lived radioisotope to be disposed of, (c) the radioactive waste is monitored with a GM meter prior to disposal to insure background levels, (d) all radiation labels are removed or obliterated and (e) a log shall be maintained to include the results of the radiation survey and date of disposal.
18. A survey of the administration area used for stress thallium studies shall be performed and documented on the day the test is done.

New Jersey Radioactive Materials License

19. The licensee shall make the following items available to their staff:
- Copy of the New Jersey Radiation Protection Code.
 - Copy of the New Jersey State Radioactive Material License.
20. The licensee shall post the following items in an area frequented by employees engaged in the use of licensed materials:
- Notice to Employees – RPP-14.
 - Emergency procedures involving major, minor spills including the names and phone numbers of people to contact.
 - Appropriate signs and labels in areas and/or containers and equipment in which radiation and/or radioactive material are contained. These postings are to conform to Subchapter 10 of the Code.
21. The following tests shall be performed as a minimum:
- Surveys of:
 - All radioactive materials received.
 - All radioactive waste decayed to background levels prior to release.
 - Controlled areas, where licensed materials are used on days they are used.
 - Uncontrolled areas, where licensed materials are used on days they are used.
 - Personnel who handle radioactive materials when radioactive materials are used.
 - Wipe tests of:
 - Controlled areas, weekly, where unsealed sources of licensed materials are used during weeks the material is used.
22. The following records shall be maintained:
- Radioactive materials received including but not necessarily limited to date of receipt, radionuclide, activity, mass or volume of material, results of package survey, instrument used for surveys and surveyor's initials.
 - Radioactive materials administered to patients including but not necessarily limited to date of administration, radionuclide, calibrated activity administered, quantity, patient name, administrator's signature.
 - Radioactive material disposals including but not necessarily limited to:
 - Disposals to Vendor: nuclide, activity, vendor name, quantity, date of disposal.
 - Disposal by Decay: Results of survey of the waste, date of survey, date of waste disposal, instrument used, and surveyor's initials.
 - Disposal to Sanitary Sewer: nuclide, activity, volume of dilution waste per day, date of disposal.
 - Survey instrument calibration performed annually and after instrument repair.
 - Sealed source leak tests at intervals not to exceed six months. Results are to be reported in microcuries.

License No.: NJSL-20763/01/002
Amendment No.: 002
Page 4 of 4

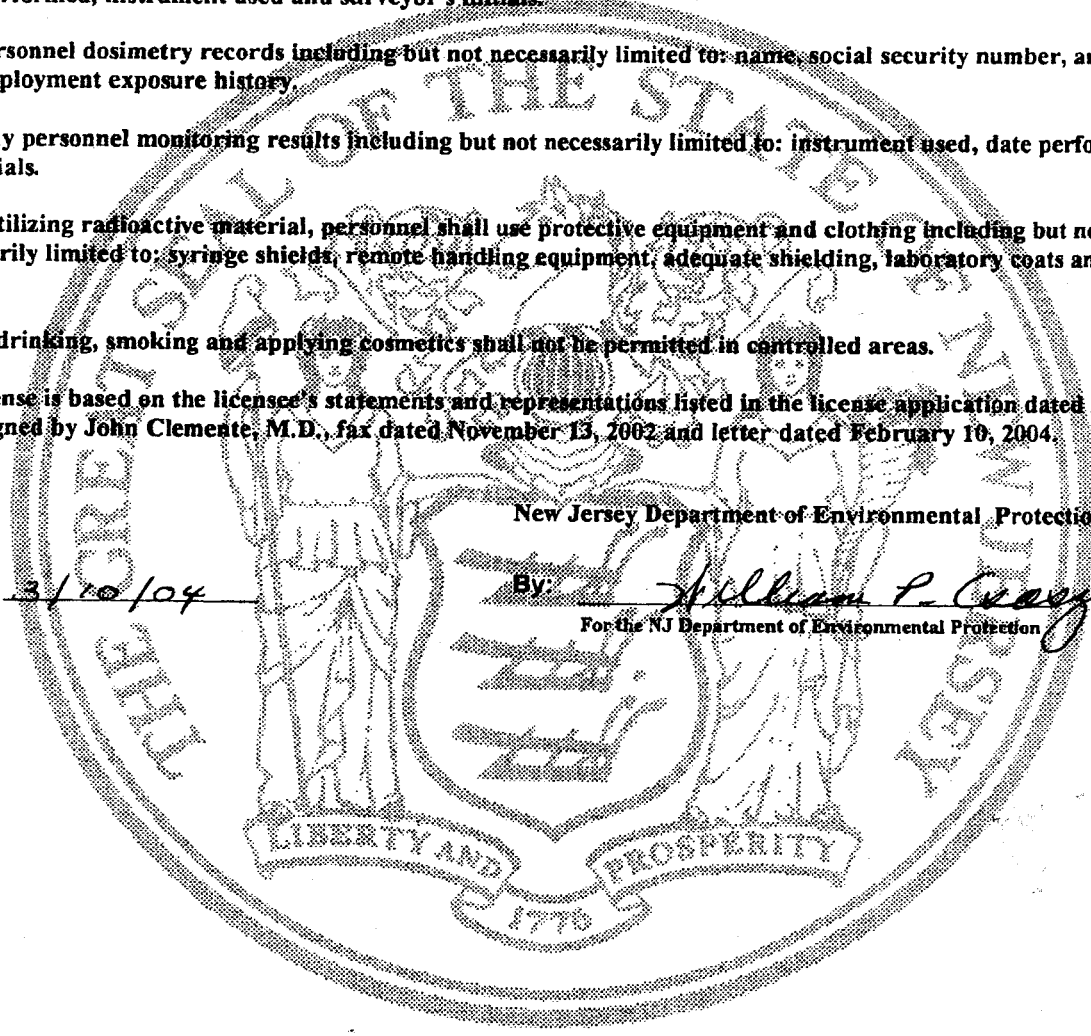
New Jersey Radioactive Materials License

- F. Surveys performed in controlled and uncontrolled areas including but not necessarily limited to: test results in mR/hr, date performed, instrument used and surveyor's initials.
- G. Wipe tests performed in controlled areas including but not necessarily limited to: test results in dpm, date performed, instrument used and surveyor's initials.
- H. Personnel dosimetry records including but not necessarily limited to: name, social security number, and prior employment exposure history.
- I. Daily personnel monitoring results including but not necessarily limited to: instrument used, date performed and initials.
- 23. While utilizing radioactive material, personnel shall use protective equipment and clothing including but not necessarily limited to: syringe shields, remote handling equipment, adequate shielding, laboratory coats and disposable gloves.
- 24. Eating, drinking, smoking and applying cosmetics shall not be permitted in controlled areas.
- 25. This license is based on the licensee's statements and representations listed in the license application dated August 9, 2002 signed by John Clemente, M.D., fax dated November 13, 2002 and letter dated February 10, 2004.

New Jersey Department of Environmental Protection Signature

Date: 3/10/04

By: William P. Crayon
For the NJ Department of Environmental Protection



This is to acknowledge the receipt of your letter/application dated 11/23/2007 (^{RECEIVED} ~~2/27/2008~~) and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 29-30797-01 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** 142063.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.