



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

January 3, 2007

Docket No. 03029501  
Control No. 139551

License No. 45-24867-01

Neil C. Smarte, C.N.M.T  
Radiation Safety Officer  
Cardiac Diagnostic Services of Virginia, Inc.  
8505 Arlington Boulevard, Suite 320  
Fairfax, VA 22031

SUBJECT: CARDIAC DIAGNOSTIC SERVICES OF VIRGINIA, INC., LICENSE  
AMENDMENT, CONTROL NO. 139551

Dear Mr. Smarte:

This refers to your license amendment request. Enclosed with this letter is the amended license. In addition, your license was amended to reflect current language protocols.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Dennis R. Lawyer***

Dennis R. Lawyer  
Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 14

DOCUMENT NAME: C:\FileNet\ML070030093.wpd

**SUNSI Review Complete: DLawyer**

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NAME	DLawyer /DRL1/						
DATE	1/03/2007						

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**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 style="text-align: center;">Licensee</p> <p>1. Cardiac Diagnostic Services of Virginia, Inc.</p> <p>2. 8505 Arlington Boulevard Suite 320 Fairfax, Virginia 22031</p>	<p>In accordance with the letter dated October 2, 2006,</p> <p>3. License number 45-24867-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date July 31, 2012</p> <hr/> <p>5. Docket No. 030-29501 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 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.500</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Sealed Sources (North American Scientific, Inc. Model MED 3601; DuPont Merck Model NES-8412)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
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9. Authorized use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
  - B. Any imaging and localization study permitted by 10 CFR 35.200.
  - C. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at 8505 Arlington Boulevard, Suite 320, Fairfax, Virginia.
- 11. The Radiation Safety Officer for this license is Neil C. Smarte, CNMT.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
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030-29501

Amendment No. 14

12. 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 medical use as indicated:

Authorized Users

Material and Use

Christine D. Bussey, M.D.	35.100; 35.200; 35.500
Albert H. Kim, M.D.	35.100; 35.200
Robert G. Matthews, M.D.	35.100; 35.200; 35.500
Pradeep K. Nayak, M.D.	35.100; 35.200
Eric H. Norby, M.D.	35.100; 35.200; 35.500
Todd Pulerwitz, M.D.	35.100; 35.200

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. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE  
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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 February 19, 2002 (ML020520366)
- B. Letter dated August 29, 2003 (ML032450252)



For the U.S. Nuclear Regulatory Commission

Date January 3, 2007

By

***Original signed by Dennis R. Lawyer***

Dennis R. Lawyer  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406