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

May 20, 2008

Docket No. 030-35734 License No. 45-25564-01
Control No. 142251

Bhanumathi Krishnan, M.D.
Radiation Safety Officer
Cardiac Care Associates, P.C.
8316 Arlington Blvd.
Suite 500
Fairfax, VA 22031

SUBJECT: CARDIAC CARE ASSOCIATES, P.C., LICENSE AMENDMENT, CONTROL NO. 142251

Dear Dr. Krishnan:

This refers to your license amendment request. Enclosed with this letter is the amended license.

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; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. 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 Elizabeth Ullrich***

Betsy Ullrich
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 5

DOCUMENT NAME: C:\FileNet\ML081410727.wpd

**SUNSI Review Complete:** LRoldán
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| OFFICE | DNMS/RI | N | DNMS/RI | N | DNMS/RI | | | |
|---|---|---|---|---|---|---|---|---|
| NAME | LRoldán ***/L4R/*** | | EUllrich ***/BU/*** | | | | | |
| DATE | 05/20/08 | | 5/20/08 | | | | | |

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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.

| Licensee | In accordance with the letter dated March 18, 2008, |
|---|---|
| 1. Cardiac Care Associates, P.C. | 3. License No. 45-25564-01 is amended in its entirety to read as follows: |
| 2. 8316 Arlington Boulevard<br>Suite 500<br>Fairfax, Virginia 22031 | 4. Expiration Date: June 30, 2011 |
| | 5. Docket No. 030-35734 |

| 6. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
|---|---|---|
| A. Any byproduct material permitted by 10 CFR 35.100 | A. Any | A. As needed |
| B. Any byproduct material permitted by 10 CFR 35.200 | B. Any | B. As needed |

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.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 1830 Town Center Drive, Suite 402, Reston, Virginia; 8316 Arlington Boulevard, Suite 500, Fairfax, Virginia; and 224D Cornwall Street, Suite 306, Leesburg, Virginia

11. The Radiation Safety Officer (RSO) for this license is Bhanumathi Krishnan, M.D.

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.

**MATERIALS LICENSE SUPPLEMENTARY SHEET**

License No. 45-25564-01

Docket No. 030-35734

Amendment No. 05

B. The following individuals are authorized users for medical use as indicated:

| Authorized User | Material and Use |
|---|---|
| Bhanumathi Krishnan, M.D. | 35.100; 35.200 |
| Young D. Park, M.D. | 35.100; 35.200 |
| Jonathan E. Yager, 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."

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 March 1, 2001 [ML011380409]
B. Letter dated August 30, 2001 [ML012640394]
C. Letter dated May 19, 2003 [ML031470024]
D. Letter dated August 25, 2003 [ML032450405]
E. Letter dated March 18, 2008 [ML081010543]

For the U. S. Nuclear Regulatory Commission

Date May 20, 2008

By ***Original signed by Elizabeth Ullrich***

Elizabeth Ullrich
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406