



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

April 25, 2007

Docket No. 03036660  
Control No. 140405

License No. 29-30952-01

Ajay Agarwala, M.D.  
Radiation Safety Officer  
Cardio-Pulmonary Diagnostic, LLC  
Newark International Airport Office  
Building 340  
Newark, NJ 07114

SUBJECT: CARDIO-PULMONARY DIAGNOSTIC, LLC, LICENSE AMENDMENT,  
CONTROL NO. 140405

Dear Dr. Agarwala:

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.

Please note that Unmesha Patel of your staff provided additional information in a telephone conversation on April 25, 2007 to show that Dr. Barbaraia was already an authorized user on NRC license No. 29-30983-01. We added Dr. Barbaraia with this additional information.

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, Industrial, and Academic 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 9:00 p.m. EST, Monday through Friday (except Federal holidays).

A. Agarwala  
Cardio-Pulmonary Diagnostic, LLC

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Thank you for your cooperation.

Sincerely,

***Original signed by Thomas K. Thompson***

Thomas K. Thompson  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 3

DOCUMENT NAME: C:\FileNet\ML071210349.wpd

**SUNSI Review Complete: TThompson**

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NAME	TThompson /TKT/							
DATE	4/25/07							

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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 letters dated April 18, 2007,
1. Cardio-Pulmonary Diagnostic, L.L.C.	3. License No. 29-30952-01
	is amended in its entirety to read as follows:
2. Newark Liberty International Airport Building 340 Newark, New Jersey 07114	4. Expiration Date: November 30, 2014
	5. Docket No. 030-36660

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 Newark Liberty International Airport, Building 340, Newark, New Jersey.
- 11. The Radiation Safety Officer for this license is Ajay K. Agarwala, 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.
  - B. The following individuals are authorized users for medical use as indicated:

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.  
29-30952-01

Docket No.  
03036660

Amendment No. 3

Authorized User

Material and Use

Ajay K. Agarwala, M.D.

35.100; 35.200

Ashokkumar Barbaria, 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 August 23, 2004 (ML042520370)

For the U. S. Nuclear Regulatory Commission

Date April 25, 2007

By *Original signed by Thomas K. Thompson*  
 Thomas K. Thompson  
 Commercial and R&D Branch  
 Division of Nuclear Materials Safety  
 Region I  
 King of Prussia, Pennsylvania 19406