



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

February 8, 2005

Docket No. 030-35466
Control No. 136382

License No. 45-25533-01

Neil C. Smarte, C.N.M.T
Radiation Safety Officer
The Cardiovascular Group
130 Park Street, S.E.
Suite 100
Vienna, VA 22180

SUBJECT: THE CARDIOVASCULAR GROUP, ISSUANCE OF LICENSE AMENDMENT,
CONTROL NO. 136382

Dear Mr. Smarte:

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).

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the NRC Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or pdr@nrc.gov.

Thank you for your cooperation.

Sincerely,

Original signed by Bryan A. Parker

Bryan A. Parker
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:

N. Smarte
The Cardiovascular Group

2

Amendment No. 04

DOCUMENT NAME: E:\Filenet\ML050410413.wpd

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI			
NAME	BParker /BAP/							
DATE	02/08/05							

OFFICIAL RECORD COPY

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 January 26, 2005,
1. The Cardiovascular Group	3. License No. 45-25533-01
2. 130 Park Street, S.E. Suite 100 Vienna, Virginia 22180	is amended in its entirety to read as follows:
	4. Expiration Date: October 31, 2010
	5. Docket No. 030-35466

- | | | |
|---|----------------------------------|--|
| 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:

- | | |
|---|---|
| A. 130 Park Street, S.E.
Suite 100
Vienna, Virginia | C. 4660 Kenmore Avenue
Suite 1200
Alexandria, Virginia |
| B. 8503 Arlington Boulevard
Building B, Suite 120
Fairfax, Virginia | D. 44055 Riverside Parkway
Suite 108
Leesburg, Virginia |

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License No.
45-25533-01Docket No.
030-35466Amendment No.
04

E. 1625 N. George Mason Drive
Suite 414
Arlington, Virginia

11. The Radiation Safety Officer (RSO) for this license is Neil C. Smarte, C.N.M.T.

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:

<u>Authorized User</u>	<u>Material and Use</u>
Pradeep K. Nayak, M.D.	35.100; 35.200
Stuart Sheifer, M.D.	35.100; 35.200
Stephen Day, M.D.	35.100; 35.200
Sara Kulangara, M.D.	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
SUPPLEMENTARY SHEET**License No.
45-25533-01Docket No.
030-35466Amendment No.
04

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 1, 2000
- B. Letter dated October 12, 2000
- C. Letter dated February 12, 2001
- D. Letter dated February 27, 2001
- E. Letter dated June 6, 2002
- F. Letter dated January 15, 2003
- G. Letter dated May 22, 2003
- H. Letter dated January 26, 2005



For the U. S. Nuclear Regulatory Commission

Date February 8, 2005

Original signed by Bryan A. Parker
By _____
Bryan A. Parker
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406