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

August 29, 2006

Docket No. 03014707 License No. 37-03390-03
Control No. 139122

H. L. Perry Pepper
President
The Chester County Hospital
701 E. Marshall Street
West Chester, PA 19380

SUBJECT: THE CHESTER COUNTY HOSPITAL, LICENSE AMENDMENT, CONTROL NO. 139122

Dear Mr. Pepper:

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 **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 Richard McKinley

Richard McKinley
Health Physicist
Medical Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 17

cc:
William J. Barry, M.D., Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML062480410.wpd

SUNSI Review Complete: RMcKinley
After declaring this document "An Official Agency Record" it **will** be released to the Public.

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	RMcKinley ***/RWM1/***							
DATE	8/29/06							

OFFICIAL RECORD COPY

Amendment No. 17

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 July 7, 2006,
1. The Chester County Hospital	3. License number 37-03390-03 is amended in its entirety to read as follows:
2. 701 E. Marshall Street West Chester, Pennsylvania 19380	4. Expiration date May 31, 2011
	5. Docket No. 030-14707 Reference No. 37-30034-01

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 identified in 10 CFR 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200 except generators	B. As needed
C. Any byproduct material identified in 10 CFR 35.300	C. Any radiopharmaceutical identified in 10 CFR 35.300	C. 1000 millicuries
D. Any byproduct material identified in 10 CFR 35.400	D. Any brachytherapy source identified in 10 CFR 35.400	D. 3000 millicuries
E. Any byproduct material permitted by 10 CFR 35.500	E. Sealed Sources (Isotope Products Laboratory Model NES-8497)	E. 300 millicuries per source and 1000 millicuries total
F. Strontium 90/ Yttrium 90	F. Sealed Sources (BEBIG Model Sr0.S03 or AEAT SICW Series (SICW.1 and SICW.2))	F. 5.0 millicuries per source; 280 millicuries total

9. Authorized use:

A. Any uptake, dilution and excretion procedure approved in 10 CFR 35.100.
B. Any imaging and localization procedure approved in 10 CFR 35.200.
C. Any radiopharmaceutical therapy procedure approved in 10 CFR 35.300.
D. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
37-03390-03

Docket or Reference Number
030-14707/37-30034-01

Amendment No. 17

E. Any brachytherapy procedure approved in 10 CFR 35.400.
F. Notwithstanding the requirements of 10 CFR 35.400, for use in Novoste A1000 series devices for intravascular brachytherapy.

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at 701 East Marshall Street, West Chester, Pennsylvania.

11. The Radiation Safety Officer for this license is William J. Barry, 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 the materials and uses indicated:

Authorized Users	Material and Use
William J. Barry, M.D.	35.100; 35.200; 35.300
Patricia Laffey, M.D.	35.100; 35.200
Royce Russell, Jr., M.D.	35.100; 35.200
Jeffrey Wahl, M.D.	35.200 for cardiovascular clinical studies; 35.500
Richard Yelovich, M.D.	35.300; 35.400
Marlana S. Ottinger, M.D.	35.300; 35.400
David W. Levy, M.D.	35.100; 35.200; 35.300
Michael H. Bleshman, M.D.	35.100; 35.200
Allen Cohen, M.D.	35.100; 35.200; Iodine 131 for the treatment of hyperthyroidism and cardiac dysfunction
David H. Malamed, M.D.	35.100; 35.200; 35.300
Steven M. Greenberg, M.D.	35.100; 35.200; Iodine 131 for the treatment of hyperthyroidism and cardiac dysfunction

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
37-03390-03

Docket or Reference Number
030-14707/37-30034-01

Amendment No. 17

Authorized Users	Material and Use
Ann Marie Siegal, M.D.	35.300; 35.400 Strontium 90/Yttrium 90 in Novoste A1000 series systems
Lisa Klein, M.D.	35.100; 35.200; Iodine 131 for the treatment of hyperthyroidism and cardiac dysfunction
Evan Madianos, M.D.	35.100; 35.200; Iodine 131 for the treatment of hyperthyroidism and cardiac dysfunction
Gregory Ochsner, M.D.	35.300; 35.400
Philip D. Bergey, M.D.	35.100; 35.200
Steven M. Borislow, M.D.	35.100; 35.200
Harry H. Chen, M.D.	35.100; 35.200
Frank A. DuPont, M.D.	35.100; 35.200
Maheep K. Goyal, M.D.	35.100; 35.200; Iodine 131 for the treatment of hyperthyroidism and cardiac dysfunction
Pamela S. Puder, M.D.	35.100; 35.200
Fredric B. Squires, M.D.	35.100; 35.200
Jonathan D. Rubin, M.D.	35.100; 35.200
George Bocobo, M.D.	35.100; 35.200; Iodine 131 for the treatment of hyperthyroidism and cardiac dysfunction
John M. Egan, D.O.	35.100; 35.200
Lisa Pinhiero, M.D.	35.100; 35.200
Anjolie Gupta, M.D.	35.400 Strontium 90/Yttrium 90 in Novoste A1000 series systems

C. Licensed material in Subitem 6.E. shall be used by or under the supervision of an authorized user, who will consult with th interventional cardiologist/physician and medical physicist prior to initiating treatment. The procedures will be conducted in the physical presence of the authorized user or medical physicist.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
37-03390-03

Docket or Reference Number
030-14707/37-30034-01

Amendment No. 17

D. The Medical Physicists for this license are Michael G. Stambaugh, M.S., Peter Bloch, Ph.D. and Gregory E. Desobry, Ph.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), 40.36(b), and 70.25(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. In lieu of the source inventory described in 10 CFR 35.406, the licensee shall:

    A. Promptly determine that all sources have returned to the safe, shielded position at the conclusion of each intravascular brachytherapy procedure.

    B. Promptly make a survey of the area of use to confirm that no sources have been misplaced.

    C. Make a record of the survey including survey instrument used, dose rate, time, date and name of the individual making the survey.

    D. Retain the record of the survey in lieu of the record required in 10 CFR 35.406(d).

16. In lieu of 10 CFR 35.404(a), immediately after retracting the source from the patient into its shielded position in the intravascular brachytherapy device, a radiation survey shall be made of the patient and the intravascular brachytherapy device with a portable radiation detection survey instrument to confirm that the source has been removed from the patient. Records of the survey shall be maintained in lieu of the record required in 10 CFR 35.404(b).

17. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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. Letter dated February 21, 2001
    B. Letter dated May 6, 2002 except attached Quality Management Plan
    C. Letter dated July 2, 2002
    D. Letter dated July 7, 2006

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
37-03390-03

Docket or Reference Number
030-14707/37-30034-01

Amendment No. 17

For the U.S. Nuclear Regulatory Commission

Date August 29, 2006
bbbbbbbbbbbbbbbbbbbbbbb

By ***Original signed by Richard McKinley***

Richard McKinley
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406