

MATERIALS LICENSE

Amendment No. 04

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.

OFFICIAL RECORD COPY

Licensee		In accordance with the letter dated December 4, 1996,	
1. North Suburban Cardiovascular Associates-UPMC		3. License Number 37-25197-01 is amended in its entirety to read as follows:	
2. Arcadia Court 9380 Mc Knight Road, Suite 201 Pittsburgh, Pennsylvania 15237		4. Expiration Date July 31, 2002	
6. Byproduct, Source, and/or Special Nuclear Material		5. Docket or Reference No. 030-32736	
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 35.200		A. Any radiopharmaceutical identified in 10 CFR 35.200 except generators and gas	
A. As needed			
9. Authorized use			
A. Any cardiac imaging and localization procedure approved in 10 CFR 35.200.			

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at Arcadia Court, 9380 McKnight Road, Suite 201, Pittsburgh, Pennsylvania.
11. The Radiation Safety Officer for this license is Lewis B. Rappaport, M.D.
12. Licensed material listed in Item 6 above is authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:
- | Authorized Users | Material and Use |
|--------------------------|-----------------------------------------------|
| Lewis B. Rappaport, M.D. | 35.200 for cardiovascular clinical procedures |
| Joseph A. Gerard, M.D. | 35.200 for cardiovascular clinical procedures |
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 71, "Packaging and Transportation of Radioactive Material."

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9706180333 970131
PDR ADDCK 03032736
C PDR



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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

37-25197-01

Docket or Reference Number

030-32736

Amendment 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, 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. Application dated March 19, 1992
- B. Letter dated June 9, 1992
- C. Letter dated September 21, 1992
- D. Letter dated February 15, 1993
- E. Letter dated February 18, 1994
- F. Letter dated December 4, 1996

For the U.S. Nuclear Regulatory Commission

**ORIGINAL SIGNED BY:
JO ANN V. STAMBAUGH**

Date JAN 31 1997

By

Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

JAN 31 1997

Mr. Arthur Feldman
President
North Suburban Cardiovascular Associates-UPMC
Arcadia Court
9380 McKnight Road, Suite 201
Pittsburgh, PA 15237

Dear Mr. Feldman:

This refers to your license amendment request. Enclosed with this letter is the amended license. Please note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the 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) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By:

JoAnn V. Stambaugh
Division of Nuclear Materials Safety

License No. 37-25197-01
Docket No. 030-32736
Control No. 124052

Enclosure:

Amendment No. 04

DOCUMENT NAME: R:\WPS\MLTR\L3725197.01

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	<input checked="" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	Stambaugh/jvs	<i>gvs</i>					
DATE	01/06/97	<i>1/6/97</i>	01/ /97	01/ /97	01/ /97	01/ /97	

OFFICIAL RECORD COPY ML 10

North Suburban Cardiovascular Associates

Clinical and Interventional Cardiology

Joseph A. Gerard, M.D., F.A.C.C. • Lewis B. Rappaport, M.D., F.A.C.C.

Arcadia Court
9380 McKnight Road, Suite 201
Pittsburgh, Pennsylvania 15237
(412) 367-8202
FAX (412) 367-9380

575 Lincoln Avenue
Suite 102
Bellevue, Pennsylvania 15202
(412) 766-8200
FAX (412) 367-9380

030-32736

December 4, 1996

Mr. Thomas Thompson
Division of Nuclear Materials Safety
United States Nuclear Regulatory Commission
Region I
474 Allendale Road
King of Prussia, PA 19406-1415

Re: License No. 37-25197-01; North Suburban Cardiovascular Associates, Inc.

Dear Mr. Thompson:

Effective January 1, 1997, UPMCS Heart Group 4, Inc. will acquire ownership of North Suburban Cardiovascular Associates, Inc. and certain assets and liabilities of this corporation, including the existing Materials License numbered 37-25197-01, will be transferred to UPMCS Heart Group 4, Inc. I have attached a copy of the license to this letter as Exhibit A for your reference. Upon the change of ownership to UPMCS Heart Group 4, Inc., this corporation will conduct business under the new name "North Suburban Cardiovascular Associates-UPMC". Accordingly, North Suburban Cardiovascular Associates, Inc. requests that the United States Nuclear Regulatory Commission give its consent to the change of ownership in writing pursuant to Section 30.34(b), Title 10 of the United States Code of Federal Regulations and provides the following information to facilitate the request:

1. Management of this corporation will change. The officers of UPMCS Heart Group 4, Inc., doing business as "North Suburban Cardiovascular Associates-UPMC", will be Arthur Feldman, President, John W. Paul, Vice President, Stephen H. Nimmo, Secretary, and Craig Trout, Treasurer. The Radiation Safety Officer will remain Lewis B. Rappaport, M.D. Currently, there are no planned changes in authorized users, or any other persons identified in the previous license application responsible for radiation safety or use of licensed materials.
2. Currently, there are no planned changes in facilities, storage or uses of licensed materials, equipment or procedures.
3. It is intended that all surveillance items and records (such as calibrations, leak tests, surveys, inventories and accountability requirements) will be current at the time of the transfer.

License No. 37-25197-01

12/4/96

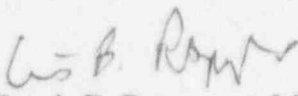
Page 2

4. UPMCS Heart Group 4, Inc. has confirmed that it will abide by all constraints, conditions, requirements and representations identified in the existing license. Currently, there are no open inspection items or enforcement actions. Accordingly, I have attached a letter from UPMCS Heart Group 4, Inc. as Exhibit B.
5. The licensee contact and telephone numbers will not change.
6. There will be no changes in organization, location, facility, equipment or procedures.
7. All records that are currently maintained, including those concerning public dose and radioactive spills will be transferred to UPMCS Heart Group 4, Inc., doing business as "North Suburban Cardiovascular Associates-UPMC".
8. There are no records concerning decommissioning and no waste has been disposed by release to sewer, incineration or on-site burial.
9. Routine testing for contamination has shown no contamination on-site. The most long-lived, non-sealed by-product isotope used at this facility is Tc-99m with a 6 hour half-life so even if contamination were present at the time of merger, it would not be present 1-2 days later. Cs-137 is present in sealed form and routine quarterly leak testing has shown that it has not leaked.

At this time, there are no other changes contemplated that affect the Materials License. If you have any questions, please feel free to call me or Robert J. Rogalski, Assistant Counsel at the University of Pittsburgh Medical Center (412-647-8649), who is handling this matter. Also enclosed with this letter is the \$440 amendment fee.

Sincerely,

NORTH SUBURBAN CARDIOVASCULAR
ASSOCIATES, INC.


By Lewis B. Rappaport, M.D.
Radiation Safety Officer

cc: Jerry Rosen
Mark Sevco
George Huber



University of Pittsburgh
Medical Center

Office of the Vice President and Counsel

3811 O'Hara Street
Pittsburgh, PA 15213-2593
412-647-8637
Fax: 412-687-7852

Exhibit B

December 4, 1996

Mr. Thomas Thompson
Division of Nuclear Materials Safety
United States Nuclear Regulatory Commission
Region I
474 Allendale Road
King of Prussia, PA 19406-1415

Re: License No. 37-25197-01; North Suburban Cardiovascular Associates, Inc.

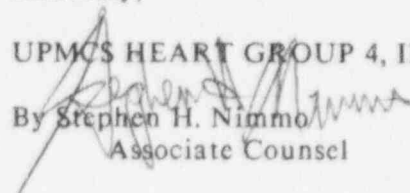
Dear Mr. Thompson:

Effective January 1, 1997, UPMCS Heart Group 4, Inc. will acquire ownership of North Suburban Cardiovascular Associates, Inc. and certain assets and liabilities of this corporation, including the existing Materials License numbered 37-25197-01. Upon the change of ownership to UPMCS Heart Group 4, Inc., this corporation will conduct business under the name "North Suburban Cardiovascular Associates-UPMC". UPMCS Heart Group 4, Inc. agrees to abide by all constraints, conditions, requirements and representations identified in the existing license and any requirements imposed by state or federal regulation. Accordingly, UPMCS Heart Group 4, Inc. joins the request of North Suburban Cardiovascular Associates, Inc. that the United States Nuclear Regulatory Commission give its consent to the change of ownership in writing pursuant to Section 30.34(b), Title 10 of the United States Code of Federal Regulations.

If you have any questions, please feel free to call me or Robert J. Rogalski, Assistant Counsel at the University of Pittsburgh Medical Center (412-647-8649), who is handling this matter.

Sincerely,

UPMCS HEART GROUP 4, INC.

By  Stephen H. Nimmo
Associate Counsel

cc: Jerry Rosen
Mark Sevco
George Huber

124052

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF RADIATION PROTECTION

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Radiation Protection Act, the Act of July 10, 1984 (No. 147, P.L. 688) and Title 25, Rules and Regulations, Article V, Radiological Health of the Pennsylvania Department of Environmental Protection, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, transfer, and use radioactive material listed below for the purposes and at the places designated below. This license shall be deemed subject to all applicable rules, regulations, or orders of the Pennsylvania Department of Environmental Protection now or hereafter in effect and to any conditions specified below.

1.	Licensee	:	In accordance with renewal application
		:	dated March 12, 1996
	North Suburban Cardiovascular Associates	:	2. License No. PA-0631 is amended as
	Arcadia Court	:	follows:
	9380 McKnight Road, Suite 201	:	3. Expiration Date: April 30, 2001
	Pittsburgh, PA 15237	:	
		:	4. X-ray Registration: None
		:	

5. Radioactive material (Element & mass number)	6. Chemical and/or physical form	7. Maximum amount that licensee may possess at any one time under this license
<hr/>		
A. Any accelerator-produced material identified in 25 Pa. Code Secs. 224.151 and 224.201	A. Any radiopharmaceutical identified in 25 Pa. Code Secs. 224.151 and 224.201	A. As needed
B. Cobalt 57	B. Sealed Sources	B. 15 millicuries

8. Authorized Use

A. Any diagnostic procedure approved in 25 Pa. Code Secs. 224.151 and 224.201 for cardiac studies.

B. Calibration and/or reference sources.

CONDITIONS

9. Licensed material may be used only at the licensee's address stated in Item 1 above.
10. Radiation Safety Officer: Louis Barnhart M.D.

CONDITIONS

11. Licensed material listed in Item 5 above is authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized Users

Material and Use

Lewis Rappaport, M.D.
Joseph A. Gerard, M.D.

224.151; 224.201; Cardiac studies only
224.151; 224.201; Cardiac studies only

12. Sealed sources shall not be opened.
13. Tests for leakage shall be performed as described in application information.
14. The licensee may receive radiopharmaceuticals authorized for use in Item 5.A. from Cardiac Fitness, Inc. as described in licensee's letter dated January 27, 1994, 25 Pa. Code Section 224.57(c) notwithstanding.
15. The licensee is authorized to hold Cobalt 57 for decay-in-storage before disposal in ordinary trash provided the licensee complies with 25 Pa. Code Section 224.112 (relating to decay-in-storage) as applicable to Cobalt 57.
16. 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. The Department of Environmental Protection'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 January 27, 1994
B. Renewal application dated March 12, 1996

Date: March 20, 1996

For the Pennsylvania Department
of Environmental Protection

Louis Ray Urciuolo

Louis Ray Urciuolo
Bureau of Radiation Protection
P. O. Box 8469
Harrisburg, PA 17105-8469

124052

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 02201
STATUS CODE: 0
FEE CATEGORY: 7C
EXP. DATE: 20020731
FEE COMMENTS: -----
DECOM FIN ASSUR REQD: N
.....

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: NORTH SUBURBAN CARDIOVASCULAR ASSOC
RECEIVED DATE: 961223
DOCKET NO: 3032736
CONTROL NO.: 124052
LICENSE NO.: 37-25197-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$ 440.00
CHECK NO.: 11052

3. COMMENTS

SIGNED Rebecca J. Brown
DATE 12/27/96

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1 ✓)

1. FEE CATEGORY AND AMOUNT: 7C

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:

AMENDMENT ☒
RENEWAL -----
LICENSE -----

3. OTHER -----

SIGNED SC
DATE 1/3/97

Log	<u>Jan 4 I</u>
Remitter	-----
Check No.	<u>11052</u>
Amount	<u>\$440</u>
Fee Category	<u>7C</u>
Type of Fee	<u>AmD</u>
Date Check Rec'd	<u>1/3/97</u>
Date Completed	<u>1/3/97</u>
By:	<u>SC</u>

North Suburban Cardiovascular Associates

Clinical and Interventional Cardiology

Joseph A. Gerard, M.D., F.A.C.C.

Lewis B. Rappaport, M.D.

Rodney R. Randall, M.D.

Arcadia Court
9380 McKnight Road, Suite 201
Pittsburgh, Pennsylvania 15237
(412) 367-8202

575 Lincoln Avenue
Suite 102
Bellevue, Pennsylvania 15202
(412) 766-8200

030-32736

February 15, 1995

U.S. Nuclear Regulatory Commission
Materials Licensing Branch
Region I
474 Allendale Road
King of Prussia, PA 19406

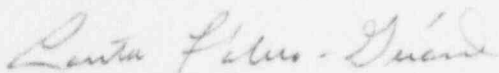
RE: Notification of change to Radioactive Material License
No. 37-25197-01 North Suburban Cardiovascular Associates and Cardio-
Diagnostics, Inc.

Gentleman:

Please be notified that:

Dr. Rodney Randall no longer is employed at our facility and we
would like his name removed from our license as an authorized user.

Sincerely,



Lorita Falvo-Gerard, M.N., M.P.H.
Administrator

OFFICIAL RECORD COPY ML 10

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