

MATERIALS LICENSE

Amendment No. 07

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, 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

1. Cardiology Consultants, P.A.
Cardiac Diagnostic Center
Limestone Medical Center, Suite 214
2. 1941 Limestone Road
Wilmington, Delaware 19808

In accordance with letter dated
November 20, 1992,

3. License number 07-27897-01 is amended in
its entirety to read as follows:

4. Expiration date March 31, 1997

5. Docket or
Reference No 030-29521

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
included in 10 CFR
35.200

A. Any radiopharmaceutical
included in 10 CFR
35.200 except gas and
generators

A. As needed

9. Authorized use

- A. Any cardiac imaging and localization procedure approved in 10 CFR 35.200 and human use research for the following study only: "Myocardial Ischemia during Mental Stress in the Workplace: Comparison with Exercise Induced Ischemia" with Tc-99m Cardiolite.

CONDITIONS

10. Location of use: Cardiac Diagnostic Center, Limestone Medical Center,
1941 Limestone Road, Suite 214, Wilmington, Delaware,
and Flight Safety, New Castle Airport, 155 N. DuPont Highway,
New Castle, Delaware.

11. Radiation Safety Officer: Frank DiGregorio, Jr.

12. Authorized Users: Material and Use:

Barry S. Denenberg, M. D. 35.200

David S. Grubbs, M. D. 35.200

Michael J. Pasquale, M. D. 35.200

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PDR ADOCK 03029521
C PDR

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

07-27897-01

Docket or Reference number

030-29521

Amendment No. 07

(Continued)

CONDITIONS

13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material so that at no time is a quantity of radioactive material possessed in excess of a quantity which requires decommissioning funding in accordance with 10 CFR 30.35(d), 10 CFR 40.36(b) or 10 CFR 70.25(d).
14. 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 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 October 10, 1991
 - B. Letter dated October 30, 1991
 - C. Letter dated February 18, 1992
 - D. Letter dated March 10, 1992
 - E. Letter dated November 20, 1992

Date

DEC 22 1992

For the U.S. Nuclear Regulatory Commission

Original Signed By:

JoAnn V. Stambaugh

By

Nuclear Materials Safety Branch
Region I

King of Prussia, Pennsylvania 19406

DEC 22 1992

License No. 07-27897-01
Docket No. 030-29521
Control No. 117468

Cardiology Consultants, P.A.
Cardiac Diagnostic Center, Suite 214
Limestone Medical Center
ATTN: Edward Torvik, SC.D.,
Medical Physicist
1941 Limestone Road
Wilmington, Delaware 19808-5435

Dear Dr. Torvik:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5093, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

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Cardiac Diagnostic Center

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We wish you success in operating a safe and effective licensed program.

Sincerely,

[Faint signature]
JoAnn V. Stambaugh

JoAnn V. Stambaugh
Nuclear Materials Safety Branch
Division of Radiation Safety
and Safeguards

Enclosures:

1. Amendment No. 07
2. Requirements for Materials Licensees
3. Requirements for Medical Licensees

DRSS:RI
Stambaugh/gcb

[Handwritten initials]
12/14/92

Edward Torvik Sc. D., Medical Physicist

17 Shull Drive Newark, DE 19711

November 20, 1992

030-29521

United States Nuclear Regulatory Commission}
Region 1
475 Allendale Road
King of Prussia, Pennsylvania 19408-1416


Ref: Amendment to License No. 07-27897-01

Gentlemen:

We would like to remove Barry S. Denenberg, M.D from our license as Radiation Safety Officer and add Frank DiGregorio, Jr. to the license as the new Radiation Safety Officer. Frank DiGregorio, Jr. has function as a Radiation Safety Officer under two different licenses in the State of Maryland. The license numbers are MD-05-113-01 with an expiration date of August 31, 1995 and MD-25-014-01, amendment no. 5 issued June 13, 1988. Copies of these two Maryland licenses are included with this letter.

Frank DiGregorio, Jr. is employed full time at our facility and has total responsibility for keeping this facility in compliance with federal and state regulatory requirements.

Enclosed is a check for \$469.00 for the amendment fee.


Edward Torvik

cc: Frank DiGregorio, Jr.

Log	Dec 8
Remitter	Edward Torvik
Check No.	1445
Amount	\$469
Fee Category	7C
Type of Fee	Am
Date Check Rec'd	
Date Completed	12/10/92
	v. R. Brown

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NOV 25 1992



DEPARTMENT OF THE ENVIRONMENT
ASSISTANT SECRETARIAT FOR
TOXICS, ENVIRONMENTAL SCIENCE AND HEALTH
CENTER FOR RADIOLOGICAL HEALTH
RADIOACTIVE MATERIAL LICENSE

Page 1 of 2 pages

Pursuant to the Maryland Radiation Act, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Maryland State Department of the Environment, now or hereinafter in effect and to any conditions specified below.

LICENSEE		3. License No.
1. Name	Frank DiGregorio, Jr. 5400 13 Mile Lane White Marsh, Maryland 21162	MD-05-113-01
2. Address		4. Amendment No. NEW
		5. Expiration Date August 31, 1995
6. Radioactive material (element and mass number) A. Any radioactive material	7. Chemical and/or physical form A. See Item 9A	8. Maximum amount of radioactivity which licensee may possess at any one time A. See Item 9A

9. Authorized Use

- A. The licensee is authorized to perform tests for leakage and/or contamination upon sealed sources containing radioactive material and upon devices which contain such sealed sources, to survey areas for contamination, and to perform quarterly linearity checks on dose calibrators using client's meters and sources as needed.



DEPARTMENT OF THE ENVIRONMENT
ASSISTANT SECRETARIAT FOR
TOXICS, ENVIRONMENTAL SCIENCE AND HEALTH
CENTER FOR RADIOLOGICAL HEALTH
RADIOACTIVE MATERIAL LICENSE

Page 2 of 2 pages

Supplementary Sheet

License No. MD-05-113-01

Amendment No. NEW

CONDITIONS

10. Radioactive material may be used only at client's facilities. The licensee must notify the Radiological Health Program 30 days prior to vacating a permanent use address as is required by Section D.407 of COMAR 26.12.01.01.
11. A. The radiation protection program shall be under the supervision of Frank DiGregorio, Jr.
B. Radioactive material shall be used by Frank DiGregorio, Jr.
12. The licensee shall comply with provisions of Part D. "Standards for Protection Against Radiation" and Part J, "Notices, Instructions and Reports to Workers; Inspections" of the Maryland Regulations 26.12.01.01 "Regulations for Control of Ionizing Radiation".
13. A. Licensee tests and services at clients facilities shall be performed only with properly operating and calibrated instruments. Records of those tests and services shall be maintained at the licensee's address in item 1 of this license for Departmental inspection.
B. No radioactive material in any form or quantity shall be maintained at the licensee's address.
14. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material authorized by this license in accordance with statements representations, and procedures contained in application dated July 13, 1990 and letter dated July 30, 1990. COMAR 26.12.01.01 "Regulations for Control of Ionizing Radiation" shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Date August 21, 1990

CRF/amc *GC7*

Roland H. Fletcher
ADMINISTRATOR, CENTER FOR RADIOLOGICAL HEALTH

DF



DEPARTMENT OF THE ENVIRONMENT
ASSISTANT SECRETARIAT FOR
TOXICS, ENVIRONMENTAL SCIENCE AND HEALTH
CENTER FOR RADIOLOGICAL HEALTH
RADIOACTIVE MATERIAL LICENSE

Page 1 of 1 pages

Supplementary Sheet

License No. MD-25-014-01

Amendment No. 04

Fallston General Hospital, Inc.
200 Milton Avenue
Fallston, Maryland 21047

In accordance with letter dated June 2, 1988 Radioactive Material License Number MD-25-014-01 is amended as follows:

Condition 11A is amended to read:

11. A. Radioactive material shall be used by, or under the supervision of Frank DiGregorio, Jr.

Condition 16 is amended to add: Letter dated June 2, 1988

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

June 13, 1988

ADMINISTRATOR, CENTER FOR RADIOLOGICAL HEALTH

CRF/amc

BR7

MDER-L1 (supp.) (3/88)



DEPARTMENT OF THE ENVIRONMENT
ASSISTANT SECRETARIAT FOR
TOXICS, ENVIRONMENTAL SCIENCE AND HEALTH
CENTER FOR RADIOLOGICAL HEALTH
RADIOACTIVE MATERIAL LICENSE

CORRECTED COPY

Page 1 of 1 pages

Supplementary Sheet

License No. MD-25-014-01

Amendment No. 05

Fallston General Hospital
200 Milton Avenue
Fallston, Maryland 21047

In accordance with letter dated June 20, 1989 Radioactive Material License Number MD-25-014-01 is amended to read:

Condition 11:

11. A. The radiation protection program shall be under the supervision of Frank DiGregorio.
- B. Radioactive material except Iodine-131 for thyroid carcinoma therapy, hyperthyroidism and cardiac dysfunction may be used by James J. Walsh, M.D.; Noah Lightman, M.D.; W. Perry Arnold, M.D.; Roger L. Lewis, M.D.; David N. Auerbach, M.D.; and/or Richard Mones, M.D.
- C. Iodine-131 for thyroid carcinoma may be used by W. Perry Arnold, M.D.
- D. Iodine-131 for hyperthyroidism and cardiac dysfunction may be used by James J. Walsh, M.D. and/or W. Perry Arnold, M.D.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Date August 16, 1989

Roland G. Fletcher
ADMINISTRATOR, CENTER FOR RADIOLOGICAL HEALTH

CRF/amc

627

BETWEEN:

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: PROGRAM CODE: 02200
: STATUS CODE: 0
: FEE CATEGORY: 7C
: EXP. DATE: 19970331
: FEE COMMENTS:
: DECON FIN ASSUR-RE

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A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: CARDIOLOGY CONSULTANTS, P.A.
RECEIVED DATE: 921125
DOCKET NO: 3029521
CONTROL NO.: 117468
LICENSE NO.: 07-27897-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$460.00
CHECK NO.: 1445

- ### 3. COMMENTS

MS 03 & 07 approved
12/4/92.

SIGNED
DATE

Rebecca J. Brown
12/4/92

- B. LICENSE FOR MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED
- 1
- 1
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1. SEE CATEGORY AND AMOUNT:

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
AMENDMENT -----
RENEWAL -----
LICENSE -----

3. OTHER

SIGNED
DATE

P. Beau
12/16/92