

## Hato Rey Community Hospital

September 25, 1995

John P. Potter  
Region II, Nuclear Materials  
Licensing Section  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30323

Dear Mr. Potter:

This is a follow-up to a telephone conversation between Frank Vieras, M.D., and Mr. Earl Wright of the Nuclear Materials Licensing Section on September 21, 1995, regarding a request for an amendment to our NRC license for a hospital-based Nuclear Medicine facility.

The license number is 52-17704-01 issued to Hato Rey Community Hospital. The requested changes are as follows:

1. The authorized user shall be Frank Vieras, M.D.; the names of the previous users to be deleted.
2. The radiation safety officer for the referenced license shall be Frank Vieras, M.D. instead of the named persons on the current license.

We are requesting that these changes be handled on a **priority basis** because, following the untimely departure from our institution of the authorized users currently named on our license, the Hospital was obliged to cease all activities in the Nuclear Medicine Department and has not, therefore, been able to offer these services to our patient population for several weeks.

As per telephone instructions, we are providing the following documentation and payment:

1. Dr. Vieras' certificate from the American Board of Nuclear Medicine.
2. Copy of the radioactive materials license issued by the State of Maryland to the hospital where Dr. Vieras previously practiced Nuclear Medicine.

*John P. Potter*  
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3. *Check for \$430.00.*

*The new requested changes shall be made effective immediately. Your prompt and expeditious handling of this matter will be deeply appreciated.*

*Sincerely yours,*

  
*Georgina Mattei de Collazo, MHSA*  
*Executive Director*

*/eig*  
*Enclosures*

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# The American Board of Nuclear Medicine

Chartered 1971

A joint board organized with the sponsorship of the American Board of Internal Medicine, American Board of Pathology, American Board of Radiology and the Society of Nuclear Medicine

Generally certifies that  
rank items

has met the requirements of this Board and is certified as qualified to practice as a specialist in all aspects of clinical and laboratory

## Nuclear Medicine

including but not limited to Radiobiology, Nuclear Imaging, in Vivo Measurements & Therapy with unsealed Radionuclides.

*John F. Daniels*  
President

*John F. Daniels*  
Secretary

Secretary

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Refer To Item 11 B p4



DEPARTMENT OF THE ENVIRONMENT  
RADIOLOGICAL HEALTH PROGRAM  
RADIOACTIVE MATERIAL LICENSE

Page 1 of 6 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. In accordance with application dated July 11, 1990 Radioactive Material License Number MD-33-003-01 is renewed in its entirety.

LICENSEE

1 Name Prince George's Hospital Center  
One Hospital Drive  
Cheverly, Maryland 20785

2 Address

3. License No. MD-33-003-01

4. Amendment No. 39

5. Expiration Date August 31, 1996

6. Radioactive material (element and mass number)

7. Chemical and/or physical form

8. Maximum amount of radioactivity which licensee may possess at any one time

A. Any radioactive material listed in Section C.22(1) of COMAR 26.12.01.01

A. Any radioactive material listed in Section C.22(1) of COMAR 26.12.01.01

A. 3 millicuries

B. Any radioactive material listed in Groups I & II of Schedule C, Part C, COMAR 26.12.01.01

B. Any radioactive material listed in Groups I & II of Schedule C, Part C, COMAR 26.12.01.01

B. As needed to perform diagnostic tests

C. Any radioactive material listed in Group III of Schedule C, Part C, COMAR 26.12.01.01

C. Any form listed in Group III of Schedule C, Part C, COMAR 26.12.01.01

C. 5 curies

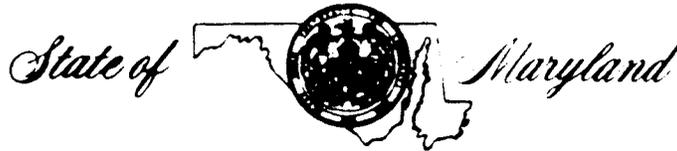
9. Authorized Use

A. For use in vitro testing procedures.

B. Any diagnostic procedure listed in Groups I & II of Schedule C, Part C, COMAR 26.12.01.01.

C. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III of Schedule C, Part C, COMAR 26.12.01.01.

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Supplementary Sheet

License No. MD-53-003-01

Amendment No. 39

CONT'D

- |   |   |   |
|---|---|---|
| 6. Radioactive material (element and mass number)                                       | 7. Chemical and/or physical form  | 8. Maximum amount of radioactivity which licensee may possess at any one time |
| D. Any radioactive material listed in Group IV of Schedule C, Part C, COMAR 26.12.01.01 | D. Any radioactive material listed in Group IV of Schedule C, Part C, COMAR 26.12.01.01 | D. As necessary for uses authorized in Item 9D                                |
| E. Any radioactive material listed in Group V of Schedule C, Part C, COMAR 26.12.01.01  | E. Any radioactive material listed in Group V of Schedule C, Part C, COMAR 26.12.01.01  | E. As necessary for uses authorized in Item 9E                                |
| F. Xenon-133  | F. Gas  | F. 300 millicuries  |
| G. Krypton-81m  | G. Rubidium-81/<br>Krypton-81m gas generator  | G. 100 millicuries  |

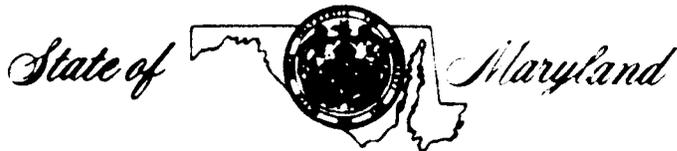
9. Authorized use

- D. For use therapeutic procedure listed in Group IV of Schedule C, Part C, COMAR 26.12.01.01.
- E. For any therapeutic procedure listed in Group V of Schedule C, Part C, COMAR 26.12.01.01.
- F. Pulmonary Imaging
- G. Pulmonary ventilation studies.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Date \_\_\_\_\_

ADMINISTRATOR, RADIOLOGICAL HEALTH PROGRAM



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Supplementary Sheet

License No. MD-33-003-01	Amendment No. 39
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CONT'D

- |   |   |  |
|---|---|--|
| 6. Radioactive material<br>(element and mass<br>number) | 7. Chemical and/or<br>physical form   | 8. Maximum amount of<br>radioactivity which<br>licensee may possess at<br>any one time |
| H. Iridium-111  | H. Chloride   | d. 10 millicuries  |
| I. Cobalt-57  | I. Sealed source<br>(NEN NES-206,<br>NES-230, NES-260<br>NES-283, NES-289,<br>NES-296, NES-297,<br>NES-351, NES-391,<br>NES-392, NES-9021,<br>Amersham CTR.568,<br>Synco 2I2002,<br>2I1002, 2I1004,<br>2I1007, Capintec S902) | I. 12 millicuries  |

9. Authorized use

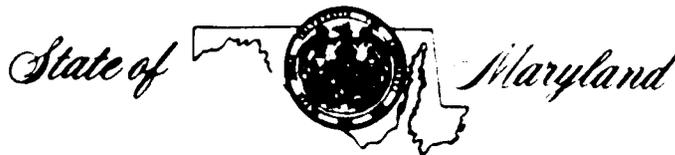
H. Imaging of tumor/bone marrow

I. Instrument calibration

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

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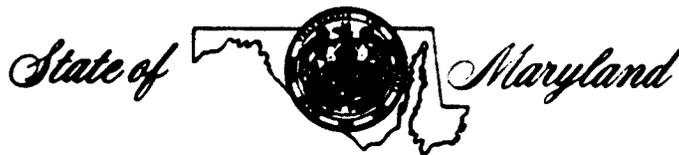
CONDITIONS

10. The authorized place of use is the licensee's address stated in Item 2. 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 James D. Parker, M.D.
- B. Radioactive material shall be used by, or under the supervision of James D. Parker, M.D.; Jack Van Geffen, M.D.; Frank Vieras, M.D.; John T. Selkeld, M.D.; Aaron M. Kistler, M.D. and/or Ravinda Singh, M.D.
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. For a period not to exceed sixty (60) days in any calendar year, a visiting physician is authorized to use licensed material for human use under the terms of this license, provided the visiting physician:
- (A) Has the prior written permission of the hospital's Administrator and its Medical Isotopes Committee; and,
- (B) Is authorized as a user by a specific license issued by the Department, the U.S. Nuclear Regulatory Commission, or another Agreement State authorizing human use, and performs only those procedures for which he is authorized by that license.
- The licensee shall maintain for inspection by the Department, copies of the written permission specified in item 13 (A) above and of the license(s) specified in item 13 (B) above. These records shall be maintained for five (5) years from the time the licensee grants its permission under item 13 (A) above.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

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CONDITIONS CONT'D

14. Patients containing Iodine-131 for the treatment of thyroid carcinoma or patients containing therapeutic quantities of Gold-198 shall remain hospitalized until the residual activity is 30 millicuries or less.
15. Each sealed source containing radioactive material, other than Hydrogen-3 with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed 6 months. In the absence of certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested. If there is reason to suspect that a sealed source might have been damaged, or might be leaking, it shall be tested for leakage before further use.
- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of a device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate.
- C. Records of leak tests shall be kept in units of microcuries and maintained for inspection by the Department.
- D. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Department regulations. A report shall be filed within five (5) days of the test with the Administrator, Radiological Health Program, 2500 Broening Highway, Baltimore, Maryland 21224 describing the equipment involved, the test results, and the corrective action taken.

FOR THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

Date \_\_\_\_\_

ADMINISTRATOR, RADIOLOGICAL HEALTH PROGRAM



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CONDITIONS CONT'D

- E. Test for leakage and/or contamination shall be performed by Mid-Atlantic Radiation Physics, Inc. or by other persons specifically authorized by the Department, the U.S. Nuclear Regulatory Commission or another Agreement State to perform such services.
16. A. Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
- B. Except for alpha sources, the periodic leak test required by this condition does not apply to sealed sources that are stored and not being used. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been tested within six months prior to the date of use or transfer.
17. Food and beverage containers shall not be discarded in radioactive or normal trash containers in licensee's areas utilizing radioactive materials.
18. 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 11, 1990 and letter dated July 15, 1991. 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 July 25, 1991

ADMINISTRATOR, RADIOLOGICAL HEALTH PROGRAM

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