



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

January 19, 2001

Docket No. 03015015  
Control No. 128966

License No. 37-18404-01

Terry Riffer  
Director, Cardiology, Pulmonary & Vascular Svcs.  
Jefferson Hospital  
A Division of Jefferson Health Svcs.  
565 Coal Valley Road  
P.O. Box 18119  
Pittsburgh, PA 15236

SUBJECT: JEFFERSON HOSPITAL, ISSUANCE OF LICENSE RENEWAL, CONTROL NO.  
128966

Dear Mr./Ms. Riffer:

This refers to your request for renewal of your NRC license. Enclosed with this letter is the renewed 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 U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

The NRC is required to have your Taxpayer Identification Number in order to make payments (refunds). The self-addressed, stamped NRC Form 531, "Request for Taxpayer Identification Number," is enclosed.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Until your license is terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," 10 CFR Part 35, "Medical Use of Byproduct Material," and other applicable regulations.
2. Notify NRC, in accordance with 10 CFR 35.14, no later than 30 days after:
  - a. the date that you permit any individual to work as an Authorized User or an Authorized Nuclear Pharmacist pursuant to 10 CFR 35.13(b)(1) through (4), and provide to the Commission a copy of the board certification, the Commission or Agreement State license, or the Permit issued by a licensee of broad scope identifying the individual;
  - b. an Authorized User, Authorized Nuclear Pharmacist, Radiation Safety Officer, Teletherapy Physicist, or Medical Physicist permanently discontinues performance of duties under the license or has a name change; or

- c. when the mailing address on the license changes (no fee is required if the location of byproduct material remains the same).
3. In accordance with 10 CFR 30.36(d), notify the NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.
4. In accordance with 10 CFR 35.13, request and obtain a license Amendment before you:
  - a. receive or use byproduct material for a clinical procedure permitted under Part 35 but not permitted by your license issued pursuant to this Part;
  - b. permit an individual, except as specified in 10 CFR 35.14(b)(1) through (4), to work as an Authorized User or Authorized Nuclear Pharmacist under the license;
  - c. change Radiation Safety Officer, Teletherapy Physicist, or Medical Physicist;
  - d. order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license; or
  - e. add or change the areas of use, or address or addresses of use identified in the license application or on the license.
5. Receive written approval from the NRC prior to any change in ownership of your organization, in accordance with 10 CFR 30.34(b).
6. Submit a complete renewal application or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or a certifying official of the licensee rather than the Radiation Safety Officer or a consultant.

You will be periodically inspected by the NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the "General Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), NUREG 1600.

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement actions will be taken when dealing with

T. Riffer  
Jefferson Hospital

3

licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Thank you for your cooperation.

Sincerely,

***Original signed by Michelle Beardsley***

Michelle Beardsley  
Health Physicist  
Nuclear Materials Safety Branch 1  
Division of Nuclear Materials Safety

Enclosures:

1. Amendment No. 15
2. 10 CFR Parts 19, 20, 21, 30, 35, 71, 170, and 171
3. NRC Forms 3, 313, and 531
4. Section 206 of the Energy Reorganization Act of 1974
5. NUREG 1600, General Policy and Procedure for NRC Enforcement Actions (Enforcement Policy)

cc:

Douglas Wilson, M.D., Radiation Safety Officer

DOCUMENT NAME: C:\137-18404-01.128966.01192001.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	MBeardsley/MRB					
DATE	01/19/2001					

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.

<p style="text-align: center;">Licensee</p> <p>1. Jefferson Hospital A Division of Jefferson Health Services</p> <p>2. Coal Valley Road P.O. Box 18119 Pittsburgh, Pennsylvania 15236</p>	<p>In accordance with the letter dated December 7, 2000,</p> <p>3. License number 37-18404-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date January 31, 2011</p> <hr/> <p>5. Docket No. 030-15015 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material identified in 10 CFR 35.100</p> <p>B. Any byproduct material identified in 10 CFR 35.200</p> <p>C. Iodine 131</p>	<p>7. Chemical and/or physical form</p> <p>A. Any radiopharmaceutical identified in 10 CFR 35.100</p> <p>B. Any radiopharmaceutical identified in 10 CFR 35.200</p> <p>C. As identified in 10 CFR 35.300</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 300 millicuries</p>
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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. Diagnosis and treatment of hyperthyroidism, and treatment of cardiac dysfunction.

**CONDITIONS**

- 10. Licensed material may be used only at the licensee's facilities located at Coal Valley Road, Pittsburgh, Pennsylvania
- 11. The Radiation Safety Officer for this license is Douglas G. Wilson, M.D.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
37-18404-01

Docket or Reference Number  
030-15015

Amendment No. 15

12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Fernando L. Arevalo, M.D.	35.100; 35.200
Generoso S. Pascual, M.D.	35.100; 35.200
William R. Downer, M.D.	35.100; 35.200
John Yankura, M.D.	35.100; 35.200; Iodine 131 for treatment of hyperthyroidism and cardiac dysfunction
Douglas G. Wilson, M.D.	35.100; 35.200; Iodine 131 for treatment of hyperthyroidism and cardiac dysfunction

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."

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
37-18404-01Docket or Reference Number  
030-15015

Amendment No. 15

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. Letter dated November 8, 1989
  - B. Letter dated July 6, 1990
  - C. Letter dated March 17, 1999
  - D. Letter dated December 7, 2000



For the U.S. Nuclear Regulatory Commission

***Original signed by Michelle Beardsley***Date January 19, 2001

By \_\_\_\_\_

Michelle Beardsley  
Nuclear Materials Safety Branch 1  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406