



NMSB1

United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

October 24, 2007

03033422

RE: NRC license # 37-30120-01

To Whom It May Concern:

Please amend our radioactive materials license to reflect the addition of an additional authorized user for 35.200; In vitro studies, Douglas Schulman, M.D.. You will find documentation as to his current licensure for the USNRC as well as an Allegheny General Hospital Radioactive Material Use permit.

Please contact me at any time with regards to questions in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Lon P. Wilson".

Lon P Wilson, BS, ASNE, CNMT
Vice President Nuclear Operations
Radiation Safety Officer

2007 OCT 26 PM 12:21

RECEIVED
REGION 1

141244

NMSS/RGN1 MATERIALS-002

ALLEGHENY GENERAL HOSPITAL RADIOACTIVE MATERIAL USE PERMIT

This permit grants Douglas Schulman, M.D. Authorized User status and is authorized to receive, possess, transfer, and ship radioactive material of the type(s) listed below. The Authorized User is expected to comply with 1) the *Authorized User Responsibilities and Duties Form*, 2) applicable sections from Title 10, Code of Federal Regulations, 3) applicable sections from Title 25, Pennsylvania Code, and 4) any additional requirements mandated by the Radiation Safety Committee. Radioactive isotopes stated below may only be used at 320 East North Ave., Pittsburgh, PA 15212. Any reason to use or transfer radioactive material to a location other than those listed must be approved by the Radiation Safety Committee.

- 1. Douglas Schulman, M.D.
Authorized User
- 2. 62
Permit Number
- 3. Nuclear Cardiology
Department or Section
- 4. January 22, 2002
Approval Date

5. Human Use Isotope Group

35.100 35.200 35.300 35.400 35.500 35.600
 High Dose Rate Afterloader depleted U-235 shielding

6. Authorized Use

Group I Group II Group III

Group I isotopes (high radiotoxicity): beta ≥ 300 keV E_{avg} ; gamma ≥ 300 keV
P-32, Ga-67, Rb-86, Sr-89, I-131

Group II isotopes (medium radiotoxicity): beta < 300 keV E_{avg} ; gamma < 300 keV
Cr-51, Co-57, Tc-99m, I-123, I-125, Xe-133, Ce-141, Tl-201

Group III isotopes (low radiotoxicity): beta < 100 keV E_{avg} ; gamma < 100 keV
H-3, C-14, S-35, Ca-45, Ru-103

7. Restrictions: NONE

Approval Signatures:

John G. Rehder
John G. Rehder, M.D.
Chairman, Radiation Safety Committee
Allegheny General Hospital

2/12/02
Date

Joseph G. Och
Joseph G. Och, M.S.
Radiation Safety Officer
Allegheny General Hospital

Feb 12 2002
Date

Official Use Only - Security-Related Information

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 6 PAGES
Amendment No. 94

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>Licensee</p> <p>1. Allegheny General Hospital</p> <p>2. 320 East North Avenue Pittsburgh, Pennsylvania 15212</p>	<p>In accordance with the letter dated August 8, 2006,</p> <p>3. License number 37-01317-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date May 31, 2016</p> <hr/> <p>5. Docket No. 030-02981 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material with atomic numbers 1 through 83 and half life less than 120 days</p> <p>B. Any byproduct material with atomic numbers 1 through 83</p> <p>C. Molybdenum 99</p> <p>D. Technetium 99m</p> <p>E. Gadolinium 153</p> <p>F. Iridium 192</p> <p>G. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any</p> <p>E. Sealed sources (North American Scientific Model MED 3601)</p> <p>F. Sealed sources (Varian Medical Systems Model VS2000)</p> <p>G. Sealed sources (Amersham Model AMC.24)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 1 curie per radionuclide and 10 curies total</p> <p>B. See Condition 12</p> <p>C. 10 curies</p> <p>D. 10 curies</p> <p>E. Not to exceed 250 millicuries per source and 2 curies total</p> <p>F. Not to exceed 13 curies per source and 19 curies total</p> <p>G. Not to exceed 20 millicuries per source and 30 millicuries total</p>
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This is to acknowledge the receipt of your letter/application dated

10/24/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 37-30120-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 141244.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.