

21 5



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

May 10, 2005

Docket No. 03035011  
Control No. 136861

License No. 06-19637-02

Jacob P. Harney, Ph.D.  
Radiation Safety Officer  
University of Hartford  
Department of Biology  
200 Bloomfield Avenue  
West Hartford, CT 06117

SUBJECT: UNIVERSITY OF HARTFORD, LICENSE AMENDMENT, CONTROL NO.  
136861

Dear Dr. Harney:

This refers to your license amendment request. Enclosed with this letter is the amended license. This Amendment adds the new facility as requested to enable you to move your licensed activities. Prior to release of your current facility for unrestricted use, you must receive an Amendment removing your current facility from your license. Include in the request the results of surveys demonstrating that the levels of residual activity in the facility are acceptable. When you submit the Amendment request, please refer to the Control Number at the top of this letter.

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) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22©)(14).

Current NRC regulations and guidance are available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/who-we-are/governing-laws.html> or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

6/45

J. Harrey  
University of Hartford

2

Thank you for your cooperation.

Sincerely,

***Original signed by Todd J. Jackson, CHP***

Todd J. Jackson, CHP  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 1

DOCUMENT NAME: E:\Filenet\ML051300426.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	N	DNMS/RI			
NAME:	DLawyer /DL/		TJackson /TJJ/					
DATE	05/10/2005		05/10/2005					

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. University of Hartford</p> <p>2. 200 Bloomfield Avenue West Hartford, Connecticut 06117-1599</p>	<p>In accordance with the letter dated April 20, 2005</p> <p>3. License number 06-19637-02 is amended in its entirety to read as follows:</p> <p>4. Expiration date June 30, 2009</p> <p>5. Docket No. 030-35011 Reference No. 06-19637-01</p>
--	--

<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Phosphorus 32</p> <p>B. Phosphorus 33</p> <p>C. Sulfur 35</p> <p>D. Iodine 125</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>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 10 millicuries</p> <p>B. 10 millicuries</p> <p>C. 20 millicuries</p> <p>D. 1 millicurie</p>
<p>9. Authorized use:</p> <p>A. Through D. Research and development as defined in 10 CFR 30.4; teaching and training of students.</p>		

**CONDITIONS**

10. Licensed material may be used only at the licensee's facilities located at the University of Hartford, Rooms 349A and 349C Dana Hall and Room 156 new Biology/Chemistry Building located north end of Dana Hall, West Hartford, Connecticut.
11. A. Licensed material shall be used by, or under the supervision of, William H. Coleman, Ph.D., Tracy L. Simpson, Ph.D., or Jacob P. Harney, Ph.D.
- B. The Radiation Safety Officer for this license is Jacob P. Harney, Ph.D.
12. Licensed material shall not be used in or on human beings.
13. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
06-19637-02

Docket or Reference Number  
030-35011  
06-19637-01

Amendment No. 1

14. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash, provided:
- Waste to be disposed of in this manner shall be held for decay a minimum of ten half-lives.
  - Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
  - A record of each such disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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 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.
- Application dated April 8, 1999
  - Letter dated May 24, 1999
  - Letter dated April 20, 2005 (ML051100410)

For the U.S. Nuclear Regulatory Commission

*Original signed by Todd J. Jackson, CHP*

Date May 10, 2005

By

Todd J. Jackson, CHP  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406