



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

December 8, 2004

Docket No. 03000953
Control No. 135452

License No. 37-00582-02

Gary F. Raisl
Vice President for Finance & Administration
University of the Sciences in Philadelphia
600 South 43rd Street
Philadelphia, PA 19104-4495

SUBJECT: UNIVERSITY OF THE SCIENCES IN PHILADELPHIA, ISSUANCE OF
LICENSE RENEWAL, CONTROL NO. 135452

Dear Dr. Raisl:

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.

Please note condition 15 is a revised version of condition 15 that appeared in Amendment No. 29 of your license. This revised condition permits greater flexibility for decay-in-storage of waste by eliminating a specific holding period prior to disposal.

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.

The NRC expects licensees to conduct their programs with meticulous attention to detail and high standards of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your program according to NRC regulations, the conditions of your NRC license, and the representations made in your application. 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," and other applicable regulations.
2. Notify the NRC in writing of any change in mailing address.
3. In accordance with 10 CFR 30.36(d), notify the NRC, promptly, in writing, and request termination of the license

- a) when you decide to terminate all activities involving materials authorized under the license; or
 - b) if you decide not to acquire or possess and use authorized material.
4. Request and obtain a license Amendment before you:
- a) change Radiation Safety Officers;
 - b) order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license; or
 - c) add or change the areas of use, or addresses of use identified in the license application or on the license; or
 - d) change the name or ownership of your organization.
5. 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.

In addition, please note that NRC Form 313 requires the applicant, by 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 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 NUREG 1600, "General Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy).

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

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the NRC Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or pdr@nrc.gov.

G. Raisl
University of the Sciences in Philadelphia

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Thank you for your cooperation.

Sincerely,

Original signed by Steven Courtemanche

Steven Courtemanche
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosures:

1. Amendment No. 30
2. 10 CFR Parts 19, 20, 21, 30, 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:

Renee Siegel, Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML043480265.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	JNicholson/JJN		SCourtemanche/SRC					
DATE	12/01/2004		12/01/2004					

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>Licensee</p> <p>1. University of the Sciences in Philadelphia</p> <p>2. 600 South 43rd Street Philadelphia, Pennsylvania 19104-4495</p>	<p>In accordance with the application dated July 21, 2004, and letter dated November 17, 2004,</p> <p>3. License number 37-00582-02 is amended in its entirety to read as follows:</p> <p>4. Expiration date December 31, 2014</p> <p>5. Docket No. 030-00953 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen 3</p> <p>B. Carbon 14</p> <p>C. Phosphorus 32</p> <p>D. Phosphorus 33</p> <p>E. Sulfur 35</p> <p>F. Calcium 45</p> <p>G. Chromium 51</p> <p>H. 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>E. Any</p> <p>F. Any</p> <p>G. Any</p> <p>H. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 500 millicuries</p> <p>B. 35 millicuries</p> <p>C. 50 millicuries</p> <p>D. 30 millicuries</p> <p>E. 100 millicuries</p> <p>F. 1.5 millicuries</p> <p>G. 10 millicuries</p> <p>H. 20 millicuries</p>

9. Authorized use:

A. through H. Research and development as defined in 10 CFR 30.4; animal studies; teaching and training of students.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
37-00582-02Docket or Reference Number
030-00953

Amendment No. 30

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 600 South 43rd Street, Philadelphia, Pennsylvania.
11. A. Licensed material shall be used by, or under the supervision of Anil D'Mello, Peter J. Harvison, Pardeep Gupta, Suzanne K. Murphy, John R. Porter, Renee Siegel, Joan B. Tarloff, Ruy Tchao. Licensed material listed in Subitems 6.A. through 6.F. may be used by, or under the supervision of Tilman Baumstark. Licensed material listed in Subitems 6.A., 6.B., 6.D. through 6.F. may be used by, or under the supervision of Lisa Davis or Diane W. Morell. Licensed material in Subitems 6.A., 6.B., 6.C., 6.E. and 6.H. may be used by, or under the supervision of Russell DiGate. Licensed material in Subitems 6.A., 6.C., 6.E. and 6.H. may be used by, or under the supervision of Shanaz M. Tejani-Butt.

B. The Radiation Safety Officer for this license is Renee Siegel, M.S.
12. The licensee shall not use licensed material in or on human beings.
13. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
14. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.
15. The licensee is authorized to hold byproduct material with a physical half-life of less than 120 days for decay-in-storage before disposal without regard to its radioactivity if it:
 - A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and
 - B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and
 - C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.

**MATERIALS LICENSE
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16. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
17. 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.
- A. Application dated July 21, 2004 (ML 042310731)
- B. Letter dated November 17, 2004



For the U.S. Nuclear Regulatory Commission

Date December 9, 2004
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Original signed by Steven Courtemanche

By _____
Steven Courtemanche
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406