



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

January 25, 2005

Docket No. 03033542
Control No. 134943

License No. 29-30152-01

Stephen A. Spearman, Ph.D.
Executive VP, Chief Operating Officer
Pharmacoepia Drug Discovery, Inc.
P.O. Box 5350
Princeton, NJ 08543-5350

SUBJECT: PHARMACOPEIA DRUG DISCOVERY, INC., ISSUANCE OF LICENSE
AMENDMENT, CONTROL NO. 134943

Dear Dr. Spearman:

This refers to your license amendment request. Enclosed with this letter is the amended license. The facility at 2000 Cornwall Road, Monmouth Junction, New Jersey may be released for unrestricted use. The Environmental Assessment for this action was published on Tuesday, January 25, 2005 in the Federal Register, 70 FR 3567-68.

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.

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.

Thank you for your cooperation.

Sincerely,

Original signed by Elizabeth Ullrich

Betsy Ullrich
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 13

S. Spearman
Pharmacopeia Drug Discovery, Inc.

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cc:
Robert N. Swanson, Ph.D., Radiation Safety Officer

S. Spearman
Pharmacopeia Drug Discovery, Inc.

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OFFICE	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	JNicholson /JJN/		EUIrich /BU/					
DATE	01/25/2005		01/25/2005					

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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. Pharmacopeia Drug Discovery, Inc.</p> <p>2. P.O. Box 5350 Princeton, New Jersey 08543-5350</p>	<p>In accordance with the application dated April 28, 2004,</p> <p>3. License number 29-30152-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date December 31, 2014</p> <hr/> <p>5. Docket No. 030-33542 Reference No.</p>
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| <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. 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. Non volatile agents</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 150 millicuries</p> <p>B. 50 millicuries</p> <p>C. 50 millicuries</p> <p>D. 150 millicuries</p> <p>E. 50 millicuries</p> <p>F. 1 millicurie</p> <p>G. 50 millicuries</p> |
|---|---|--|

9. Authorized use:

A. through G. Research and development as defined in 10 CFR 30.4.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 3000 Eastpark Boulevard, Cranbury, New Jersey.

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11. A. Licensed material shall be used by, or under the supervision of, Kenneth C. Appell, Doug Auld, James R. Beasley, Carolyn Dilanni Carroll, Tsung Lin, Jinqi Liu, Laura Rokosz, Ilana Stroke, Robert N. Swanson, or Jiuqiao Zhao.
- B. Licensed material in items 6.A. through 6.F., may also be used by or under the supervision of David Dunn.
- C. Licensed material in items 6.A., 6.B. and 6.D. through 6.G., may also be used by or under the supervision of Matthew Sills.
12. The Radiation Safety Officer for this license is Robert N. Swanson, Ph.D.
13. The licensee shall not use licensed material in or on human beings.
14. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
15. The licensee is authorized to hold byproduct material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal without regard to its radioactivity if the licensee:
- 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.
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."

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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. Letter dated April 28, 2004 (ML041330096)
- B. Application dated June 29, 2004 (ML042020232)
- C. Letter dated September 14, 2004 (ML042720160)
- D. Letter dated November 22, 2004 (ML043420238)



For the U.S. Nuclear Regulatory Commission

Date January 25, 2005
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Original signed by Elizabeth Ullrich
By _____
Elizabeth Ullrich
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406