

MATERIALS LICENSE

Amendment No. 17

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, 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.

"OFFICIAL RECORD COPY"

Licensee

1. William H. Rorer, Incorporated
2. 500 Virginia Drive
Fort Washington, Pennsylvania 19034

In accordance with application dated
September 19, 1983,
3. License number 37-08802-01 is amended in its
entirety to read as follows:

4. Expiration date April 30, 1990

5. Docket or
Reference No. 030-061956. Byproduct, source, and/or
special nuclear material7. Chemical and/or physical
form8. Maximum amount that licensee
may possess at any one time
under this license

- A. Hydrogen 3
- B. Carbon 14
- C. Sulfur 35
- D. Calcium 47
- E. Chromium 51
- F. Zinc 65
- G. Iron 59
- H. Selenium 75

- A. Any
- B. Any
- C. Any
- D. Any
- E. Any
- F. Any
- G. Any
- H. Any

- A. 500 millicuries
- B. 300 millicuries
- C. 20 millicuries
- D. 2 millicuries
- E. 20 millicuries
- F. 2 millicuries
- G. 2 millicuries
- H. 2 millicuries

9. Authorized use

- A. through H. Research and development as defined in 10 CFR 30.4(q) and synthesis of
tagged compounds for distribution to specifically licensed organizations.

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CONDITIONS

10. Licensed material shall be used only at the licensee's facilities at 500 Virginia Drive, Fort Washington, Pennsylvania.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions, and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, Andrew Polk, Paul R. Darkes, Ching T. Tsuei, or R. L. Procaccini.
13. The licensee shall not use licensed material in or on human beings or in field applications where activity is released except as provided otherwise by specific condition of this license.
14. Experimental animals administered licensed materials or their products shall not be used for human consumption.
15. Licensed material shall not be used in or on human beings or in products distributed to the public.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

37-08802-01

Docket or Reference number

030-06195

Amendment No. 17

(Continued)

CONDITIONS

16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated September 19, 1983 and letter dated March 18, 1985 and April 17, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.



For the U.S. Nuclear Regulatory Commission

Original Signed By:

John D. Kinneman

By

Nuclear Materials Safety and
Safeguards Branch, Region I
King of Prussia, Pennsylvania 19406

Date

MAY 06 1985