

## MATERIALS LICENSE

Amendment No. 10

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); and to import such byproduct and source material. 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. Alfred J. Swyer, M.D.

2. 307 60th Street  
West New York, New Jersey 07093In accordance with application dated  
August 15, 1984,3. License number 29-03198-03 is amended in its  
entirety to read as follows:

4. Expiration date May 31, 1990

5. Docket or  
Reference No. 030-024686. Byproduct, source, and/or  
special nuclear material7. Chemical and/or physical  
form8. Maximum amount that licensee  
may possess at any one time  
under this licenseA. Any byproduct material  
listed in Groups I and  
II of Schedule A, Section  
35.100 of 10 CFR 35B. Any byproduct material  
listed in Group III of  
Schedule A, Section  
35.100 of 10 CFR 35C. Any byproduct material  
listed in Group IV of  
Schedule A, Section  
35.100 of 10 CFR 35D. Any byproduct material  
listed in Section 31.11(a)  
of 10 CFR 31

E. Strontium 90

A. Any radiopharmaceutical  
listed in Groups I and  
II of Schedule A, Section  
35.100 of 10 CFR 35B. Any form listed in Group  
III of Schedule A, Section  
35.100 of 10 CFR 35C. Any radiopharmaceutical  
listed in Group IV of  
Schedule A, Section  
35.100 of 10 CFR 35

D. Prepackaged kits

E. Sealed in an ophthalmic  
applicator(N.E.N NER-8090)A. As necessary for uses  
authorized in Subitem  
6.A.B. 1.5 curies of each  
byproduct material  
authorized in Subitem 6.B.C. As necessary for uses  
authorized in Subitem 9.C.D. 1 millicurie of each  
byproduct material  
authorized in Subitem 6.D.

E. 100 millicuries

## 9. Authorized use

- A. Any diagnostic procedure listed in Groups I and II of Schedule A, Section 35.100, Title 10, Code of Federal Regulations.
- B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- C. Any therapeutic procedure listed in Group IV of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- D. In vitro studies.
- E. For treatment of superficial eye conditions.

## CONDITIONS

- 10. Licensed material shall be used only at the licensee's facility, 307 60th Street, West New York, New Jersey.

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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

29-03198-03

Docket or Reference number

030-02468

Amendment No. 10

(Continued)

**CONDITIONS**

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 Alfred J. Swyer M.D.
13. Licensed material shall be used in accordance with the provisions of Section 35.14(b)(c)(e) and (f) of Title 10, Code of Federal Regulations.
14. Sealed sources containing licensed material shall not be opened.
15. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
  - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of ten (10) half-lives.
  - B. Prior to disposal as normal waste, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments. All radiation labels will be removed or obliterated.
  - C. Generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.
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 August 15, 1984 and letters dated February 4, 1985, February 21, 1985 and May 3, 1985, ALARA Program dated December 12, 1979. 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 E. Glenn

By

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

Date

MAY 22 1985