

## 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, 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. Paul S. Friedman, M.D.  
Radiology Associates

3. License number 37-00147-03

2. 1422 Chestnut Street  
Philadelphia, Pennsylvania 19102

4. Expiration date October 31, 1990

5. Docket or  
Reference No. 030-28887/37-00147-026. 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 Group II of  
Schedule A, Section 35.100  
of 10 CFR 35

B. Iodine 131

A. Any radiopharmaceutical  
listed in Group II of  
Schedule A, Section  
35.100 of 10 CFR 35B. Any iodide that has been  
manufactured, labeled,  
packaged and distributed  
in accordance with a  
specific license issued  
pursuant to Section 32.72  
of 10 CFR Part 32 or a  
specific license issued  
to the manufacturer by an  
Agreement State pursuant  
to equivalent State  
regulationsA. As necessary for uses  
authorized in Subitem 9.C.

B. 20 millicuries

C. Phosphorus 32

C. Any soluble phosphate  
that has been manufactured,  
labeled, packaged and  
distributed in accordance  
with a specific license  
issued pursuant to Section  
32.72 of 10 CFR Part 32 or  
a specific license issued  
to the manufacturer by an  
Agreement State pursuant  
to equivalent State  
regulations

C. 10 millicuries

8512240365 851028  
REG1 LIC30  
37-00147-03 PDR

ML10

**MATERIALS LICENSE**  
SUPPLEMENTARY SHEET

License number

37-00147-03

Docket or Reference number

030-28887/37-00147-02

(continued)

9. Authorized use

- A. Any diagnostic procedure listed in Group II of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- B. For treatment of hyperthyroidism or cardiac dysfunction.
- C. For treatment of polycythemia vera, leukemia, or bone metastases.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities, at 1422 Chestnut Street, Philadelphia, 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 Paul S. Friedman, 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. 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.
- 15. 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 applications dated August 11, 1980 and August 30, 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 E. Glenn

Date

OCT 28 1985

By

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



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

BETWEEN: William O. Miller, Chief  
License Fee Management Branch  
Office of Administration

Regional License Section  
Material Licensing Branch  
FCMS, Office of Nuclear Material  
Safety & Safeguards

LICENSE FEE TRANSMITTAL

A. REGION *Y*

1. APPLICATION ATTACHED

Applicant/Licensee:

*Paul S. Friedman MD*

Application Dated:

*8/30/85*

Control No.:

*19206*

License No.:

2. FEE ATTACHED

Amount:

*\$580 total*

Check No.:

3. COMMENTS

Signed \_\_\_\_\_

Date \_\_\_\_\_

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

*\$580 - 7C*

2. Correct Fee Paid. Application may be processed for:

Amendment \_\_\_\_\_

Renewal \_\_\_\_\_

License *✓* \_\_\_\_\_

Signed *Jackson*

Date *10/1/85*