

NRC FORM 313M  
(8-86)  
10 CFR 35

U.S. NUCLEAR REGULATORY COMMISSION  
**APPLICATION FOR MATERIALS LICENSE – MEDICAL**

Approved by OMB  
3150-0041  
Expires 6-30-89

**INSTRUCTIONS** - Complete Items 1 through 26 if this is an initial application or an application for renewal of a license. Use supplemental sheets where necessary. Item 26 must be completed on all applications and signed. Retain one copy. Submit original and one copy of entire application to: Director, Office of Nuclear Materials Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. Upon approval of this application, the applicant will receive a Materials License. An NRC Materials License is issued in accordance with the general requirements contained in Title 10, Code of Federal Regulations, Part 30, and the Licensee is subject to Title 10, Code of Federal Regulations, Parts 19, 20 and 35 and the license fee provision of Title 10, Code of Federal Regulations, Part 170. The license fee category should be stated in Item 26 and the appropriate fee enclosed.

1.a. NAME AND MAILING ADDRESS OF APPLICANT (institution, firm, clinic, physician, etc.) INCLUDE ZIP CODE  
Department of the Army  
Walter Reed Army Medical Center  
Washington, DC 20307-5001  
  
TELEPHONE NO.: AREA CODE ( 301 ) 427 5104

1.b. STREET ADDRESS(ES) AT WHICH RADIOACTIVE MATERIAL WILL BE USED (If different from 1.a.) INCLUDE ZIP CODE  
  
13 Taft Court  
Rockville, MD 20853

2. PERSON TO CONTACT REGARDING THIS APPLICATION  
Gerald M. Connock, MAJ, MS  
Health Physics Officer, WRAMC  
  
TELEPHONE NO.: AREA CODE ( 301 ) 427 5104

3. THIS IS AN APPLICATION FOR: (Check appropriate item)  
a.  NEW LICENSE  
b.  AMENDMENT TO LICENSE NO. 08-01738-02  
c.  RENEWAL OF LICENSE NO. \_\_\_\_\_

4. INDIVIDUAL USERS (Name individuals who will use or directly supervise use of radioactive material. Complete Supplements A and B for each individual.)  
Individuals approved by the Radiation Control Committee, Walter Reed Army Medical Center

5. RADIATION SAFETY OFFICER (RSO) (Name of person designated as radiation safety officer. If other than individual user, complete resume of training and experience as in Supplement A.)  
Gerald M. Connock, MAJ, MS, Ref: AR 40-14 and 40-37  
the Health Physics Officer will be appointed by the Commanding General, WRAMC

6.a. RADIOACTIVE MATERIAL FOR MEDICAL USE **NO CHANGE**

RADIOACTIVE MATERIAL LISTED IN:	ITEMS DESIRED "X"	MAXIMUM POSSESSION LIMITS (In millicuries)	ADDITIONAL ITEMS:	MARK ITEMS DESIRED "X"	MAXIMUM POSSESSION LIMITS (In millicuries)
10 CFR 31.11 FOR IN VITRO STUDIES			IODINE-131 AS IODIDE FOR TREATMENT OF HYPERTHYROIDISM		
10 CFR 35.100, SCHEDULE A, GROUP I		AS NEEDED	PHOSPHORUS-32 AS SOLUBLE PHOSPHATE FOR TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA AND BONE METASTASES		
10 CFR 35.100, SCHEDULE A, GROUP II		AS NEEDED	PHOSPHORUS-32 AS COLLOIDAL CHROMIC PHOSPHATE FOR INTRACAVITARY TREATMENT OF MALIGNANT EFFUSIONS.		
10 CFR 35.100, SCHEDULE A, GROUP III			GOLD-198 AS COLLOID FOR INTRACAVITARY TREATMENT OF MALIGNANT EFFUSIONS.		
10 CFR 35.100, SCHEDULE A, GROUP IV		AS NEEDED	IODINE-131 AS IODIDE FOR TREATMENT OF THYROID CARCINOMA		
10 CFR 35.100, SCHEDULE A, GROUP V		AS NEEDED	XENON-133 AS GAS OR GAS IN SALINE FOR BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES.		
10 CFR 35.100, SCHEDULE A, GROUP VI					

6.b. RADIOACTIVE MATERIAL FOR USES NOT LISTED IN ITEM 6.a. (Sealed sources up to 3 mCi used for calibration and reference standards are authorized under Section 35.14(d), 10 CFR Part 35, and NEED NOT BE LISTED.)

ELEMENT AND MASS NUMBER	CHEMICAL AND/OR PHYSICAL FORM	MAXIMUM NUMBER OF MILLICURIES OF EACH FORM	DESCRIBE PURPOSE OF USE
NO CHANGE			<b>EXEMPT</b>  KK/8

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 2  
FOIA-2006-0238

**INFORMATION REQUIRED FOR ITEMS 7 THROUGH 23**

For Items 7 through 23, check the appropriate box(es) and submit a detailed description of all the requested information. Begin each item on a separate sheet. Identify the item number and the date of the application in the lower right corner of each page. If you indicate that an appendix to the medical licensing guide will be followed, do not submit the pages, but specify the revision number and date of the referenced guide: Regulatory Guide 10.8 , Rev. \_\_\_\_\_ Date: \_\_\_\_\_

7. MEDICAL ISOTOPES COMMITTEE <b>NO CHANGE</b>		15. GENERAL RULES FOR THE SAFE USE OF RADIOACTIVE MATERIAL <i>(Check One)</i> <b>NO CHANGE</b>	
<input type="checkbox"/>	Names and Specialties Attached; and	<input type="checkbox"/>	Appendix G Rules Followed; or
<input type="checkbox"/>	Duties as in Appendix B; or _____ <i>(Check One)</i>	<input type="checkbox"/>	Equivalent Rules Attached
<input type="checkbox"/>	Equivalent Duties Attached	16. EMERGENCY PROCEDURES <i>(Check One)</i> <b>NO CHANGE</b>	
8. TRAINING AND EXPERIENCE <b>NO CHANGE</b>		<input type="checkbox"/>	Appendix H Procedures Followed; or
<input type="checkbox"/>	Supplements A & B Attached for Each Individual User; and	<input type="checkbox"/>	Equivalent Procedures Attached
<input type="checkbox"/>	Supplement A Attached for RSO.	17. AREA SURVEY PROCEDURES <i>(Check One)</i> <b>NO CHANGE</b>	
9. INSTRUMENTATION <i>(Check One)</i> <b>NO CHANGE</b>		<input type="checkbox"/>	Appendix I Procedures Followed; or
<input type="checkbox"/>	Appendix C Form Attached; or	<input type="checkbox"/>	Equivalent Procedures Attached
<input type="checkbox"/>	List by Name and Model Number	18. WASTE DISPOSAL <i>(Check One)</i> <b>NO CHANGE</b>	
10. CALIBRATION OF INSTRUMENTS <b>NO CHANGE</b>		<input type="checkbox"/>	Appendix J Form Attached; or
<input type="checkbox"/>	Appendix D Procedures Followed for Survey Instruments; or _____ <i>(Check One)</i>	<input type="checkbox"/>	Equivalent Information Attached
<input type="checkbox"/>	Equivalent Procedures Attached; and	19. THERAPEUTIC USE OF RADIOPHARMACEUTICALS <i>(Check One)</i> <b>NO CHANGE</b>	
<input type="checkbox"/>	Appendix D Procedures Followed for Dose Calibrator; or _____ <i>(Check One)</i>	<input type="checkbox"/>	Appendix K Procedures Followed; or
<input type="checkbox"/>	Equivalent Procedures Attached	<input type="checkbox"/>	Equivalent Procedures Attached
11. FACILITIES AND EQUIPMENT		20. THERAPEUTIC USE OF SEALED SOURCES <b>NO CHANGE</b>	
<input checked="" type="checkbox"/>	Description and Diagram Attached Enclosure 2	<input type="checkbox"/>	Detailed Information Attached; and
12. PERSONNEL TRAINING PROGRAM <b>NO CHANGE</b>		<input type="checkbox"/>	Appendix L Procedures Followed; or _____ <i>(Check One)</i>
<input type="checkbox"/>	Description of Training Attached	<input type="checkbox"/>	Equivalent Procedures Attached
13. PROCEDURES FOR ORDERING AND RECEIVING RADIOACTIVE MATERIAL <b>NO CHANGE</b>		21. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE GASES (e.g., Xenon - 133) <b>NO CHANGE</b>	
<input type="checkbox"/>	Detailed Information Attached	<input type="checkbox"/>	Detailed Information Attached
14. PROCEDURES FOR SAFELY OPENING PACKAGES CONTAINING RADIOACTIVE MATERIALS <i>(Check One)</i>		22. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE MATERIAL IN ANIMALS <b>NO CHANGE</b>	
<input type="checkbox"/>	Appendix F Procedures Followed; or <b>NO CHANGE</b>	<input type="checkbox"/>	Detailed Information Attached
<input type="checkbox"/>	Equivalent Procedures Attached	23. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE MATERIAL SPECIFIED IN ITEM 6.b	
<input type="checkbox"/>	Equivalent Procedures Attached	<input type="checkbox"/>	Detailed Information Attached <b>NO CHANGE</b>



## PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579) the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313M. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S)** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30-36 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES** The information may be used: (a) to provide records to State health departments for their information and use; and (b) to provide information to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for a NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you. A copy of the license issued will routinely be placed in the NRC's Public Document Room, 1717 H Street, N.W., Washington, D.C.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed.
5. **SYSTEM MANAGER(S) AND ADDRESS** Director, Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.

# U.S. GOVERNMENT LEASE FOR REAL PROPERTY

DATE OF LEASE

JUN 23 1988

LEASE NO

GS-11B-80404

THIS LEASE, made and entered into this date by and between

William M. Rickman  
t/a W.M. Rickman Construction, Co.

whose address is 15215 Shady Grove Road  
Rockville, MD 20850

and whose interest in the property hereinafter described is that of owner

hereinafter called the Lessor, and the UNITED STATES OF AMERICA, hereinafter called the Government:

WITNESSETH: The parties hereto for the considerations hereinafter mentioned, covenant and agree as follows:

1. The Lessor hereby leases to the Government the following described premises:

Approximately 6,555 net usable square of office and laboratory space located on the second floor of the Rickman Building, 13 Taft Court, Rockville, MD, 20850, in accordance with the attached Floor Plan.

to be used for such purposes as will be designated by the Government.

2. TO HAVE AND TO HOLD the said premises with their appurtenances for the term beginning on

REFER TO RIDER NO. 1 through ..... subject to termination and renewal rights as may be hereinafter set forth.

3. The Government shall pay the Lessor annual rent of \$ 119,659.50

at the rate of \$ 9,971.63 per month in arrears.

Rent for a lesser period shall be prorated. Rent checks shall be made payable to: W.M. Rickman Construction Co.  
15215 Shady Grove Road  
Rockville, MD 20850

4. The Government may terminate this lease at any time by giving at least 180 days' notice in writing to the Lessor and no rental shall accrue after the effective date of termination. Said notice shall be computed commencing with the day after the date of mailing.

~~5. This lease may be renewed at the option of the Government, for the following terms and at the following rentals:~~

~~provided notice be given in writing to the Lessor at least ..... days before the end of the original lease term or any renewal term; all other terms and conditions of this lease shall remain the same during any renewal term. Said notice shall be computed commencing with the day after the date of mailing.~~

INITIALS  
Lessor Gov  
[Signature]

Enclosure 3

6. The Lessor shall furnish to the Government, as part of the rental consideration the following:

- 6A. The Lessor shall provide services, utilities and maintenance in accordance with SFO No. 88-020.
- 6B. The Government shall be responsible to pay for separately metered utilities for its space.
- 6C. The lessor shall provide standard office cleaning, in accordance with specifications as contained in the SFO, for the portion of the space not utilized as laboratory. This shall include office and reception areas, and interior corridors of the Government's space. The lessor shall be responsible for all interior and exterior maintenance of the building's common areas.
- 6D. With regards to ratios for electrical outlets, telephone outlets, partitioning, doors, etc., the Lessor will construct the space in accordance with the attached Floor Plan, as made a part of this lease, as part of the rental consideration specified in Paragraph 3 of the SF-2 of this Lease.

7. The following are attached and made a part hereof:

The General Provisions and Instructions (~~Standard Form 2-A~~ edition)

- GSA Form 3517: General Clauses SFO No. 88-020
- GSA Form 3518: Representations and Certifications Floor Plan
- GSA Form 1217: Operating Cost Statement
- GSA Form 3516: Solicitation Provisions
- Rider No. 1 : "Lease Term"

8. The following changes were made in this lease prior to its execution:

Paragraph No. 2 of this SF-2 has been deleted in its entirety.

IN WITNESS WHEREOF, the parties hereto have hereunto subscribed their names as of the date first above written.

LESSOR WILLIAM M. RICKMAN, t/a W.M. RICKMAN CONSTRUCTION CO.

BY: William M. Rickman  
(Signature)

\_\_\_\_\_  
(Signature)

IN PRESENCE OF: Nancy T. Campbell  
(Signature)

\_\_\_\_\_  
(Address)

UNITED STATES OF AMERICA  
William M. Rickman  
(Signature)

CONTRACTING OFFICER  
GSA, NCR, RED  
(Official title)

RIDER NO. 1  
LEASE NO. GS-11B-80404

"LEASE TERM"

Pursuant Paragraph 2 of the SF-2 of this lease, the term of the lease will be for up to 3 years from the date of acceptance by the Government of the completed space. Following acceptance of the space, the Government reserves the right to terminate the lease upon 180 days advance written notice to the lessor.

109508

30 AUG 1988

"OFFICIAL RECORD COPY" ML 10

INITIALS:

*WMP*      *DR*  
LESSOR      GOVERNMENT