

MATERIALS LICENSE

Amendment No. 03

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.

OFFICIAL RECORD COPY

Licensee		In accordance with the application dated January 30, 1997,	
1. Anthony E. Watkins, M.D.		3. License Number 08-19630-01 is amended in its entirety to read as follows:	
2. 106 Irving Street, N.W., Suite 208 Washington, DC 20010		4. Expiration Date April 30, 2002	
		5. Docket or Reference No. 030-19011	
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Any byproduct material identified in 10 CFR 35.200	A. Any radiopharmaceutical identified in 10 CFR 35.200 except generators and gas	A. As needed	
9. Authorized use			
A. Any imaging and localization procedure approved in 10 CFR 35.200.			

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at 106 Irving Street, N.W., Suite 208 and Suite 3200 North, Washington, D.C.
11. The Radiation Safety Officer for this license is Anthony E. Watkins, M.D.
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:
- | Authorized Users | Material and Use |
|--------------------------|------------------|
| Anthony E. Watkins, M.D. | 35.200 |
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

130150



MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

08-19630-01

Docket or Reference Number

030-19011

Amendment No. 03

15. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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. Application dated August 5, 1991
B. Letter dated March 11, 1992
C. Application dated January 30, 1997



MAR - 6 1997

Date _____

For the U.S. Nuclear Regulatory Commission

ORIGINAL SIGNED BY:

TARA L. WEIDNER

By _____

Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

MAR - 6 1997

Anthony E. Watkins, M.D.
106 Irving Street, N.W., Suite 208
Washington, D.C. 20010

Dear Dr. Watkins:

This refers to your license amendment request. Enclosed with this letter is the amended license. Please note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the license. In addition, Suite 3200 North has been added as a location of use. After completing your close out survey of Suite 208, send me a copy of the survey and certification that all radioactive materials have been transferred to Suite 3200 North. In your submittal refer to Mail Control No. 124207.

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) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

**ORIGINAL SIGNED BY:
TARA L. WEIDNER**

Tara L. Weidner
Division of Nuclear Materials Safety

License No. 08-19630-01
Docket No. 030-19011
Control No. 124207

Enclosure:
Amendment No. 03

OFFICIAL RECORD COPY

ML 10

DOCUMENT NAME: R:\WPS\MLTR\L0819630.01

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	<input checked="" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	Weidner <i>juw</i>						
DATE	02/19/97	02/ /97	02/ /97	02/ /97	02/ /97	02/ /97	02/ /97

OFFICIAL RECORD COPY

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATION WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATION AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND,
MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA,
RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA,
PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR
WEST VIRGINIA, SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR
WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA,
NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH,
OR WYOMING, SEND APPLICATIONS TO:

MATERIAL RADIATION PROTECTION SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON,
AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS
TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARKET LANE
WALNUT CREEK, CA 94596-5368

030-19011

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER 08-19630-Q1

C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Includes Zip Code)

Anthony E. Watkins, M.D.
106 Irving Street, N.W. Suite 208
Washington D.C. 20010

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

Anthony E. Watkins, M.D.
106 Irving Street, N.W. #208
Washington D.C. 20010

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Michael W. Lairmore, Medical Physics Consultant

TELEPHONE NUMBER

(201) 447-3303

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL.

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY	AMOUNT
7C	ENCLOSED \$440.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE - CERTIFYING OFFICIAL

TYPED/PRINTED NAME

TITLE

DATE

Anthony Watkins, M.D.

Owner

1/30/97

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS
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AMOUNT RECEIVED	CHECK NUMBER
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APPROVED BY

DATE

124207

Attachment A

DRS. WATKINS, WAGMAN & BLUNDA

CARDIOVASCULAR DISEASES

January 29, 1997

Anthony E. Watkins, M.D., F.A.C.C.

Bernard M. Wagman, M.D., F.A.C.C.

Michael Blunda, M.D., F.A.C.C.

Licensing Assistance Section
Nuclear Materials Safety Branch
Division of radiation Safety & Safeguards
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

**RE: AMENDMENT APPLICATION - RELOCATION OF NUCLEAR MEDICINE
OPERATIONS - LICENSE NUMBER: 08-19630-01**

Dear License Reviewer:

Please amend the above referenced license number to reflect the following changes:

1. We request relocation of nuclear medicine operations to the building adjacent to our existing nuclear medicine department. The address of this facility is:

106 Irving Street, NW
Suite 3200 North
Washington, DC 20010

The new nuclear medicine department will be incorporated within a doctor's office. Please refer to "Attachment A" for a diagram of the office space.

In addition, a diagram of the nuclear medicine department has been enclosed within the attachment section. This document verifies the shielding and placement of equipment within the hot lab and imaging areas. The action trigger limits have been recognized on this diagram.

All sealed sources and waste material will be transferred to the new site. Upon receipt, the sealed sources will be inventoried and leak tested. At installation, the department's equipment will be calibrated and tested. Documentation pertaining to these test will be placed on file for future examination.

2. A "Close-Out Survey" will be completed of the nuclear medicine lab located at 106 Irving Street, NW, Suite 208, Washington, DC 20010. This survey will assure that ambient exposure had not exceed background radiation exposure(s). In addition, removable contamination will not exceed 200 dpm/100 cm².

106 Irving Street, N.W., #208
Washington, D.C. 20010
(202) 726-7474

2021 K Street, N.W., #512
Washington, D.C. 20006
(202) 659-3770

The survey meter used for this analysis will have a range capacity of 0.01 - 2,000mR/hr. The Wipe Test Counter will have a "Minimal Detectable Activity" of 200dpm/100 cm². Results of equipment calibrations and testing will be included with the "Close-Out Survey" summary.

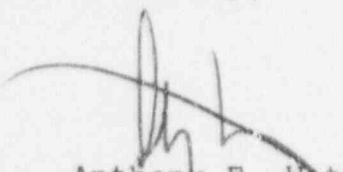
The existing nuclear medicine department will not be released for unrestricted use, until representatives at the state offices review this documentation and grant approval.

3. The ownership of this license will remain unchanged. All items addressed within the application, supporting documentation and byproduct material license will be followed at the new facility. No additional changes are requested at this time.

If you have additional questions regarding this amendment action, please contact Michael W. Lairmore or myself. Mr. Lairmore may be reached at (201) 447-3303.

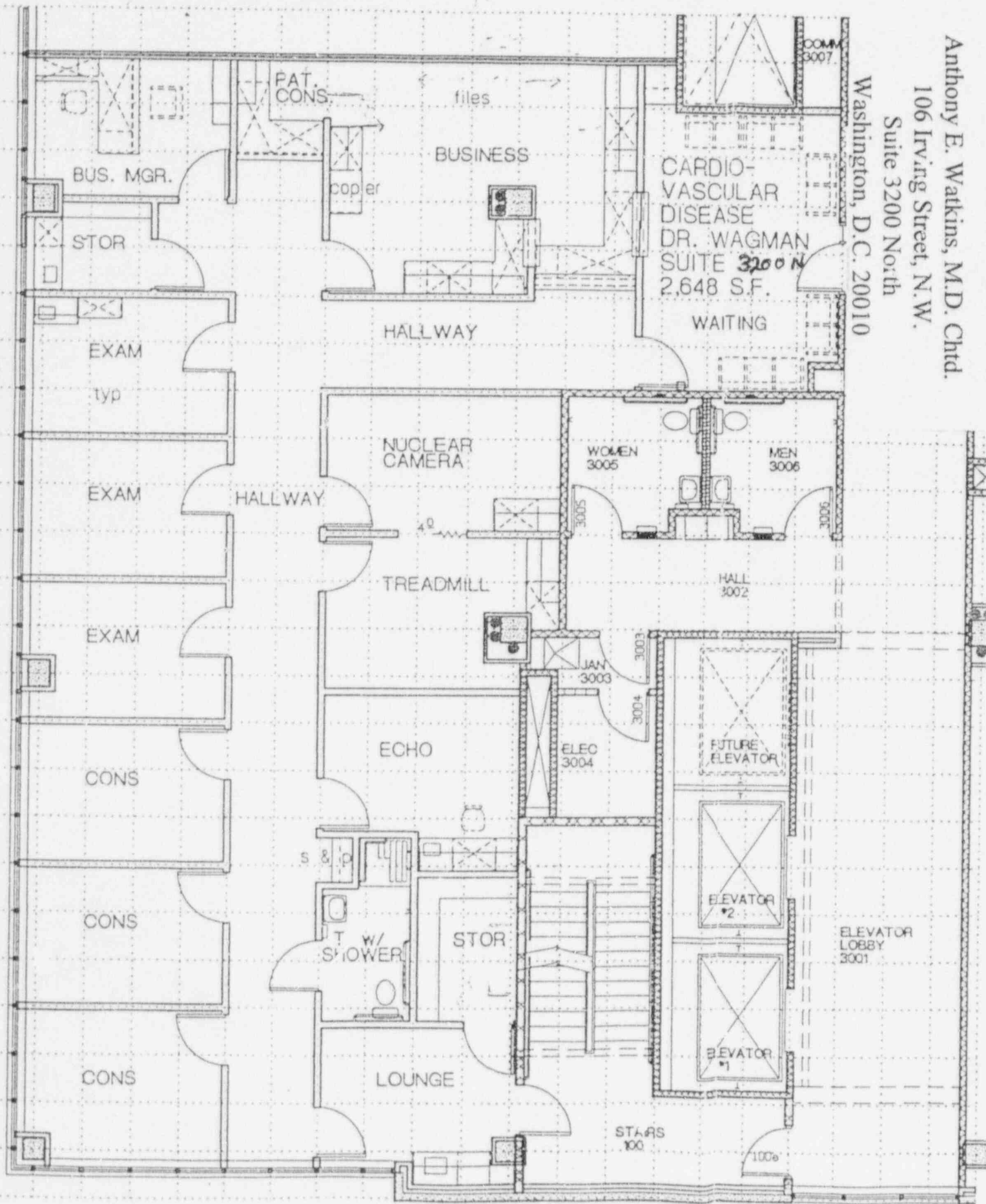
We thank you in advance for your assistance with this licensing action.

Sincerely,



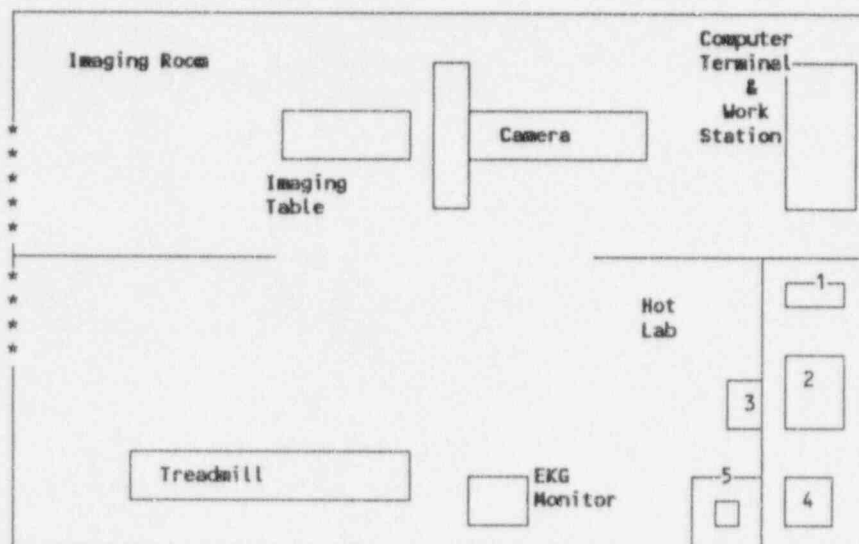
Anthony E. Watkins, M.D.
Owner/Radiation Safety Officer

Anthony E. Watkins, M.D. Chd.
106 Irving Street, N.W.
Suite 3200 North
Washington, D.C. 20010



Anthony E. Watkins, M.D. Chtd.
106 Irving Street, N.W.
Suite 3200 North
Washington, D.C. 20010

New Facility Diagram



Legend:

1. Ludlum 2200 SCA & Well Counter (1/8" leaded well housing)
2. L-Shield Sealed Source Storage & Preparation Area (1/4" glass shielding - 1/8" lead housing)
3. Waste Storage Area (1/8" lead shielding)
4. Dose Calibrator
5. Sink

*** Lockable Doors

Action Trigger Limits:

1. Ambient Exposure(s):
Restricted Areas = 2.0 mR/hr
Unrestricted Areas = 0.05 mR/hr
2. Removable Contamination:
2,000 dpm/100 cm² gamma emitters
200 dpm/100 cm² beta emitters

(FOR LFMS USE)
INFORMATION FROM LTS

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: PROGRAM CODE: 02200
: STATUS CODE: 0
: FEE CATEGORY: 7C
: EXP. DATE: 20020430
: FEE COMMENTS: -----
: DECDM FIN ASSUR REQD: N
: .....

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A. REGION

- SIGNED M. A. Perkins
DATE 2/24/92

3. OTHER -----

SIGNED _____
DATE _____

Log Feb 17 97
 Remaker _____
 Check No. 15383
 Amount \$440
 Pay to TC
 Payable to AMD
 Date 2/21/97
 Pre-Computerized _____
 By AB