

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.

APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, RMSS
WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATIONS 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:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIALS SAFETY SECTION B
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406

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

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

X

IF YOU ARE LOCATED IN:

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

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

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
MATERIAL RADIATION PROTECTION SECTION
811 RYAN PLAZA DRIVE SUITE 1000
ARLINGTON, TX 76011

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
NUCLEAR MATERIALS SAFETY SECTION
1480 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94666

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 JURISDICTION.

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

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER _____
- C. RENEWAL OF LICENSE NUMBER 4507950-01

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

RADFORD COMMUNITY HOSPITAL
8TH. & RANDOLPH STREETS
RADFORD, VA. 24141

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

RADFORD COMMUNITY HOSPITAL
8TH. & RANDOLPH STREETS
RADFORD, VA. 24141

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

PAUL TURPIN

TELEPHONE NUMBER

703-731-2688

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 7A AMOUNT ENCLOSED \$ 350.00

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.

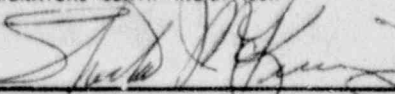
WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE—CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE



SHEILA MCKINNEY

VICE PRESIDENT OF
CLINICAL SERVICES

8/29/88

9002060332 890203
REG LIC30
45-07950-01 PDR

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS	APPROVED BY
Ren	Sept-7-88	7c		<i>Mr. Puzan</i>
AMOUNT RECEIVED	CHECK NUMBER			DATE
\$350/\$230	70344/903686			9/14/88

V. RADIOACTIVE MATERIAL

VI. Purpose for which license material will be used.

ITEM # 5 RADIOACTIVE MATERIAL AND ITEM # 6 PURPOSE

<u>BY PRODUCT MATERIAL</u>	<u>AMOUNT</u>	<u>PURPOSE</u>
5.a Material in 35.100	as needed	6.a medical use
5.b Material in 35.200	as needed	6.b medical use
5.c Iodine I 131	300 millicuries	6.c treatment of hyperthyroidism, cardiac dysfunction and thyroid carcinoma.
5.d Americium 241	not to exceed 14 millicuries per source.	6.d seal source Americium amersham model AMC 24 Anatomical marker.

VII. Individuals responsible for Radiation Safety Program
and their training and experience.

Training for individuals working in or frequenting restricted
areas.

ITEM # 7.1.1

Individuals responsible for Radiation Safety Programs their training and experience.

7.1 Authorized users for medical use.

7.1.1 Bharat R. Patel, M. D.

Items to be authorized: Sa., Sb., Sc., S.d. Previously listed on License # 4507950-01. RSD refer to letter dated November 25, 1983. ✓

ATTACHMENT 7.1.2

Anatol Ryplansky, M.D.

Items to be authorized 5a. 5b. 5c. 5d.

Previously listed on license # 4507950-01

ATTACHMENT 7.1.3

J. Patrick Tomelty, M.D.

Items to be authorized Sa. Sb. Sc. Sd. Previously listed on
License # 4507950-01.

ATTACHMENT 7.1.4

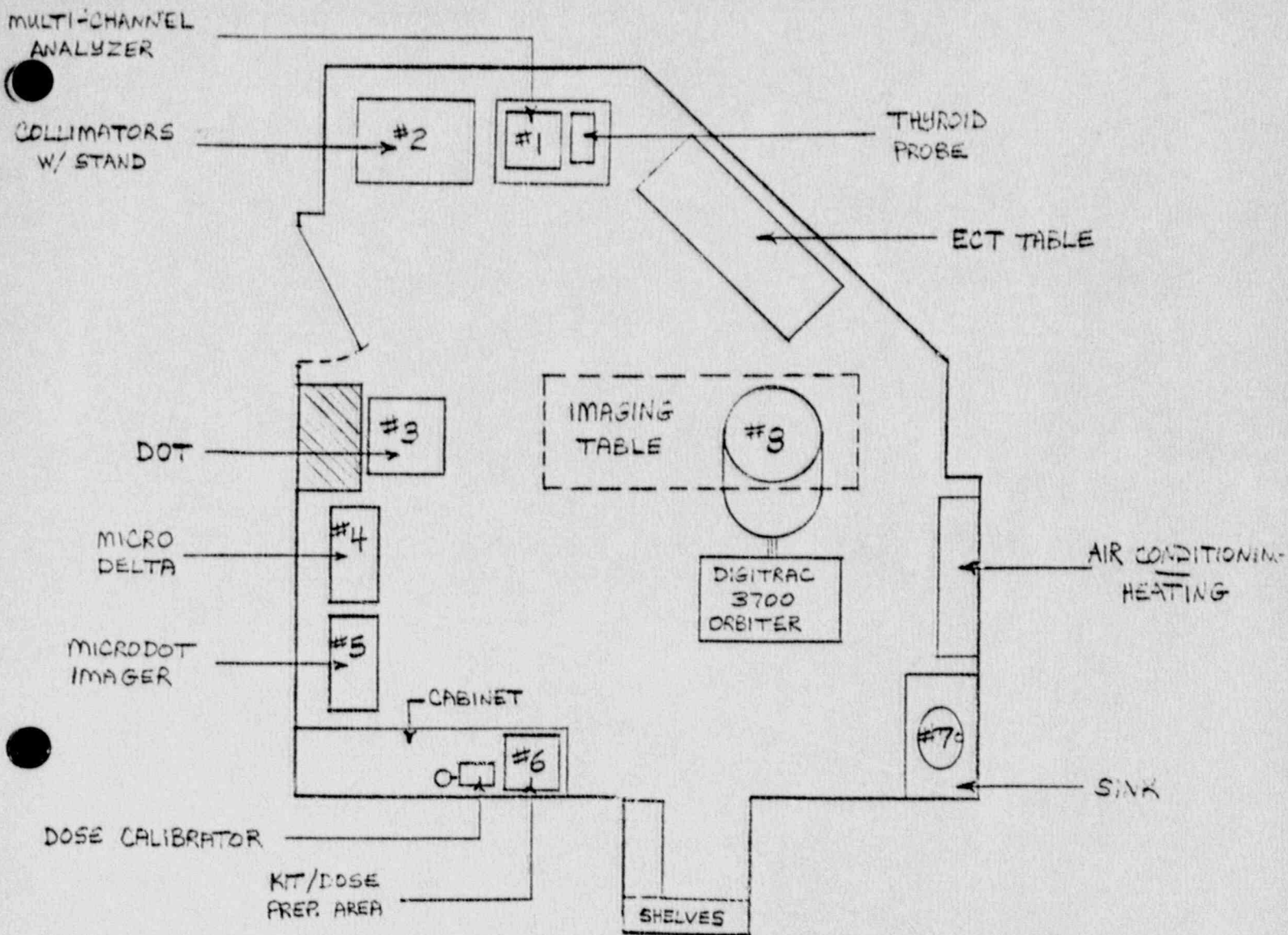
John G. Bartek, M.D.

Previously listed on license #4507950-01 has resigned
and we are asking his name to be deleted from the
license.

FACILITIES AND EQUIPMENT

- 9.1 Will be submitted as attached 9.1.1
- 9.2 Survey Instrument Calibration
We will follow the model procedure in Appendix A and Regulatory Guide 10.8.
- 9.3 Dose Calibrator Calibration
We will follow the model procedure in Appendix A and Regulatory Guide 10.8.
- 9.4 Personnel Monitoring Program
We will follow the model procedure in Appendix A and Regulatory Guide 10.8.
- 9.5 Image Equipment QA
N/A
- 9.6 N/A

DAILY RADIATION SURVEYS & WEEKLY WIPE TESTS



DATE								
DAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
	SURVEY	SURVEY	SURVEY	SURVEY	SURVEY	SURVEY	SURVEY	WIPE TEST
AREA 1								
2								
3								
4								
5								
6								
7								
8								
*9								
BKGR.								
INITIALS								

*9 = HOT LAB IN BASEMENT
 Trigger level for exposure rate is 2mR/hr.

ALL SURVEYS SHOWN AS mR/HR.
 WIPE TESTS SHOWN AS d.p.m./100cm²

X. RADIATION SAFETY PROGRAM

10.1

RADIATION SAFETY COMMITTEE/RADIATION SAFETY OFFICER

We will issue the model Radiation Safety Committee Charter and the Radiation Safety Officer delegation of authority that was published in Appendix F to regulatory guide 10.8, revision 2.

10.2

We will establish and implement the model alara program that was published in Appendix G to Regulatory guide 10.8, Revision 2.

10.3

We will establish and implement the model procedure for leak testing sealed sources that was published in Appendix H to Regulatory guide 10.8, Revision 2.

10.4

We will establish and implement the model safety rule published in Appendix I to regulatory guide 10.8 revision 2.

10.5

We will establish and implement the model spill procedure published in Appendix J to Regulatory Guide 10.8, Revision number 2.

10.6

We will establish and implement the model guides for ordering and receiving radioactive material that was published in Appendix K to regulatory guide 10.8, revision # 2.

10.7

We will establish and implement the model procedure for opening packages that was published in Appendix L to Regulatory Guide 10.8, Revision # 2.

10.8

We will establish and implement the model procedure for unit dose record systems that are published in.

10.9

We will establish and implement the model procedure for multi-dose file record system that was published in Appendix M.2 to Regulatory Guide to 10.8, Revision # 2.

10.10

We will establish and implement the model procedure for measuring and recording molybdenum concentration that was published in Appendix M.3 to Regulatory Guide 10.8, Revision # 2.

10.11

We have no implant sources on our license.

10.12

We will establish and implement the model procedure for area surveys that was published in Appendix N to Regulatory Guide 10.8, Revision # 2.

10.13

Will be submitted as 10.13.1

10.14

We will establish and implement the model procedure for Radiation Safety during radiopharmaceutical therapy that was published in Appendix P to Regulatory Guide 10.8, Revision # 2.

10.15

N/A

10.16

N/A.

XI. WASTE MANAGEMENT

11.1

We will establish and implement the general guidance and model procedure for waste disposal that was published in Appendix R to Regulatory Guide 10.8, Revision # 2.

11.2

NA

SEP 30

SEP 30 1988

Radford Community Hospital
ATTN: Ms. Sheila McKinney
8th and Randolph Streets
Radford, VA 24141

Gentlemen:

This refers to your application dated August 29, 1988, for renewal of Materials License 45-07950-01.

We received your check for \$350. Your request, however, is subject to a renewal fee of \$580 as specified in §170.31 (7C) of 10 CFR 170, copy enclosed. Payment of the additional \$230 should be made to the U.S. Nuclear Regulatory Commission and mailed to my attention at our Washington, D.C. address.

Your application will be processed by the Region II Licensing staff located at 101 Marietta Street, Suite 2900, Atlanta, Georgia 30323. The additional fee, however, is required prior to issuance of the renewal. When submitting the fee, please refer to CONTROL NUMBER 252428.

Sincerely,

MA
Glenda Jackson *9/3/88*
License Fee Management Branch
Division of Accounting and Finance
Office of Administration and
Resources Management

Enclosure:
10 CFR 170

cc: Region II

DISTRIBUTION:
~~Pending Fee File~~
ARM/DAF R/F
LFMB R/F (2)
DW/RII/RADFORD

OFFICE	: ARM/LFMB	: ARM/LFMB	<i>M</i>	:	:	:	:
SURNAME	: MMessier:lb	: GJackson	:	:	:	:	:
DATE	: 9/ <i>29</i> /88	: 9/ <i>28</i> /88	:	:	:	:	: