



Applicant	<i>J. J. J.</i>
Check No.	<i>128815748</i>
Amount - Fee	<i>1300.00</i>
Type of Fee	<i>20 am</i>
Date Check Recd.	<i>7/31/85</i>
Received By	<i>[Signature]</i>

## St. Mary's Hospital

June 25, 1985

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U.S. NRC  
LIC. FEE MGMT. BRANCH

U.S. Nuclear Regulatory Commission  
Materials Licensing Section  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Dear Sir:

Please amend our NRC License Number 22-02396-03 to reflect the following changes:

1. Please add Dr. Russell E. Reichter, M.D. as a user on NRC License 22-02396-03. Enclosed are forms NRC-313M Supplements A and B, Training and Experience and Preceptor statements respectively.
2. The Picker Dyna 415 Gamma Camera has been replaced by a Seimens 750 Scintillation Gamma Camera. In addition, the Adac System I Nuclear Medicine Computer listed on our license also has been replaced with a Seimens Scintview II Nuclear Medicine Computer.

Both the Adac and the Picker have been removed from service.

3. Reference Item #11, NRC Form 313M, Facilities and Equipment.

A description and diagram is enclosed to reflect the new equipment installed in Room 207 of the Nuclear Medicine Department. In addition to the new equipment layout, please notice the installation of a hot lab for kit preparation of patient injectables. This prep area will not be used for long-term decay of radioactive materials, but it will be used to store the low level sealed sources used in equipment calibration as well as for storage of flood phantoms, bar phantoms, and patient doses.

The Molytech Generator will continue to be placed first floor Hot Lab to allow for daily "milking".

Please see the enclosed layout for proposed storage and equipment use. Again, we wish to note that the Radioisotope Hot Lab in Room 207 will not be used for long-term radioactive decay. Such materials will continue to

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PDR

CONTROL NO. 7 9245

407 East Third Street • Duluth, Minnesota 55805 • Telephone: (218) 726-4486

JUN 28 1985

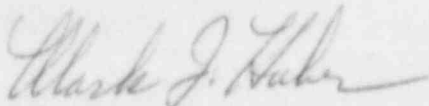
U.S. Nuclear Regulatory Commission  
Page Two  
June 25, 1985

be placed in the radioisotope Hot Lab on the first floor. This is the designated site for long-term radioactive decay in our existing NRC License with amendments. The entrance to Room 207 and the Hot Lab will be properly posted and locks on both doors to provide for security.

Finally, the necessary postings of NRC Form 3 and parts 19 and 20 of 10 CFR as well as other pertinent information will be posted in Room 207.

All other conditions of NRC License #22-02396-03 continue to be actively enforced and adhered to according to the NRC License Application. We look forward to hearing from you soon.

Sincerely,



Mark J. Huber  
Vice President for Professional Services

ba

Enclosure

Indiana University Medical Center  
Department of Radiology  
University Hospital Rm. X-64  
926 W. Michigan Street  
Indianapolis, IN 46223

TO WHOM IT MAY CONCERN:

This letter supports the application by Russell E. Reichter, M.D. regarding training received in basic isotope handling techniques and experience with radiation during residency at Indiana University Medical Center. Records are documented and filed in my personnel file in the Department of Diagnostic Radiology at Indiana University Medical Center. Beyond documentation of clinical experience, objective documentation with test scores with satisfactory results are also on file.

Records of clinical experiences including the type and number of different Nuclear Medicine examinations performed are on file in the Division of Nuclear Medicine, Department of Radiology, Indiana University Medical Center.

Any further assistance to complete my application to be added to the Nuclear Medicine license of St. Mary's Hospital; 407 East Third Street; Duluth, MN 55805 will be provided. Please handle this application at your earliest possible convenience.

Sincerely yours,

*Russell E. Reichter, M.D.*

Russell E. Reichter, M.D.

Encls.

TRAINING AND EXPERIENCE  
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

Russell E. Reichter, M.D.

2. STATE OR TERRITORY IN  
WHICH LICENSED TO  
PRACTICE MEDICINEIndiana  
Minnesota, Illinois

## 3. CERTIFICATION

SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
Radiology, Diagnostic (American Board of Radiology)	Diagnostic	June 1985

## 4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING	
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION	Indiana University Medical Center July 1981-June 1985	125	25
b. RADIATION PROTECTION	Indiana University Medical Center July 1981-June 1985	30	10
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Indiana University Medical Center July 1981-June 1985	25	5
d. RADIATION BIOLOGY	Indiana University Medical Center July 1981-June 1985	20	0
e. RADIOPHARMACEUTICAL CHEMISTRY	Indiana University Medical Center July 1981-June 1985	30	20

## 5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Mo99	1Ci	Indiana University	4 months	Dx
I131	500 mCi	Indiana University	4 months	Dx, Rx
Xe133	20mCi	Indiana University	4 months	Dx
Tc99m	1Ci	Indiana University	4 months	Dx
Tl201	25mCi	Indiana University	4 months	Dx
In111	25mCi	Indiana University	4 months	Dx
Ga67	25mCi	Indiana University	4 months	Dx

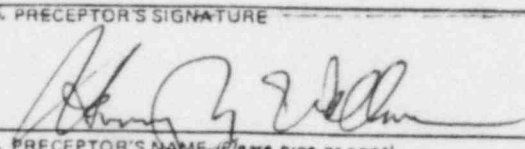
# PRECEPTOR STATEMENT (Continued)

## 2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES	1	
P-32 (Colloidal)	INTRACAVITARY TREATMENT	0	
I-131	TREATMENT OF THYROID CARCINOMA	3	
	TREATMENT OF HYPERTHYROIDISM	10	
Au-198	INTRACAVITARY TREATMENT	0	
Co-60 or Cs-137	INTERSTITIAL TREATMENT	0	
	INTRACAVITARY TREATMENT	0	
I-125 or Ir-192	INTERSTITIAL TREATMENT	0	
	TELETHERAPY TREATMENT	0	
Sr-90	TREATMENT OF EYE DISEASE	0	
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	20	
Sn-113/ In-113m	GENERATOR	0	
Tc-99m	REAGENT KITS	20	
Other	Renal Tc99m DTPA	229	
	Biliary Tc99m	24	
	Testicular Tc99m	3	
	Ga67 Citrate	31	
	In111cl	8	

## 3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING

July 1981-June 1985, 720 Hours

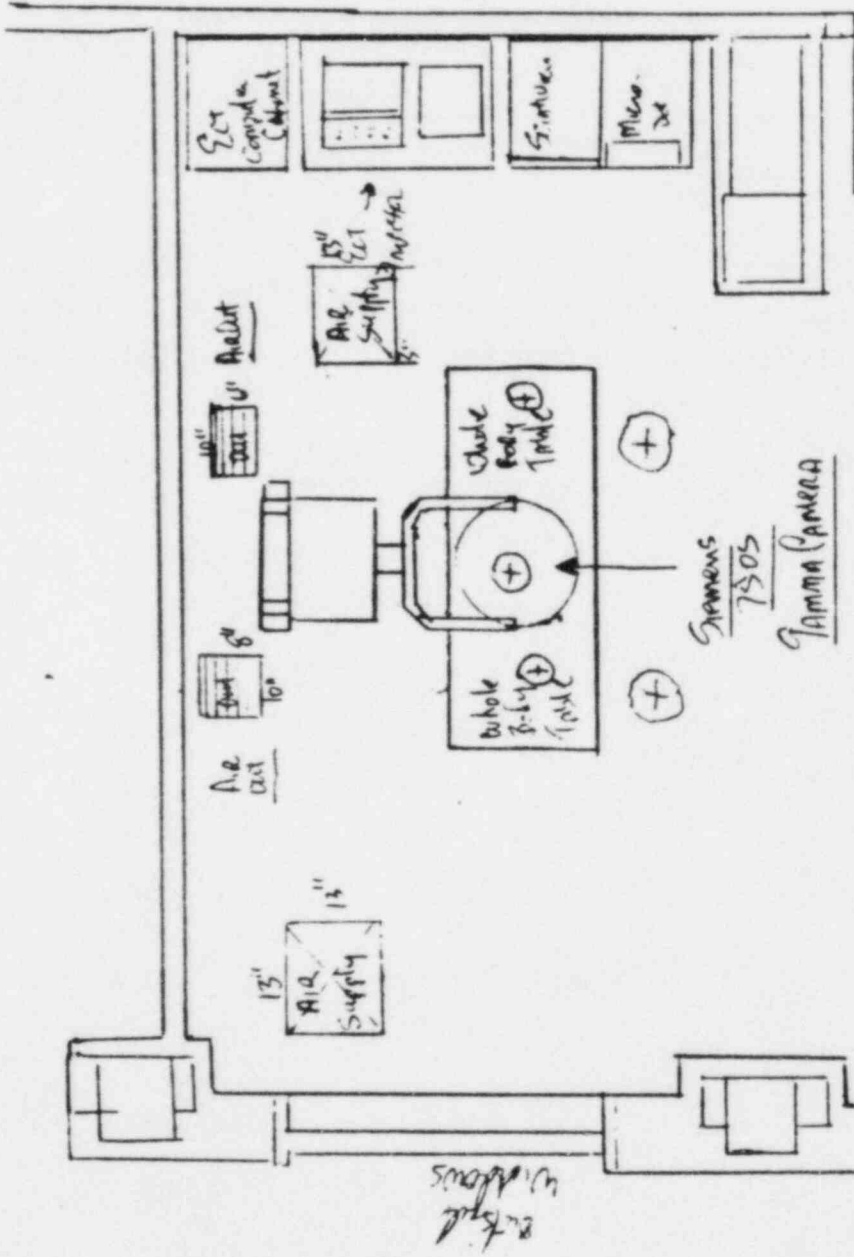
4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:		6. PRECEPTOR'S SIGNATURE	
a. NAME OF SUPERVISOR Henry N. Wellman, M.D.		 7. PRECEPTOR'S NAME (Please type or print) Henry N. Wellman, M.D.	
b. NAME OF INSTITUTION Indiana Univ. School of Medicine			
c. MAILING ADDRESS 926 West Michigan Street P-16			
d. CITY Indianapolis, IN 46223		8. DATE 8 June 1985	
5. MATERIALS LICENSE NUMBER(S) 13-02752-03 (Exp. 12/31/85)			

FORM NRC-313M-SUPPLEMENT B  
(8-78)

Nuclear Medicine  
Department  
Room 507

Wipe (+) = Wipes

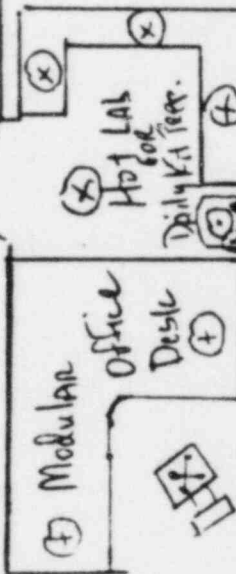
Hot Lab will be used  
for Kit separations,  
Storage of Spent Sources  
for calibration purposes



Entrance  
Nuclear Med  
Room 507

Long term Storage &  
Delay will continue to  
be done in Main Hot Lab  
on 1st floor.

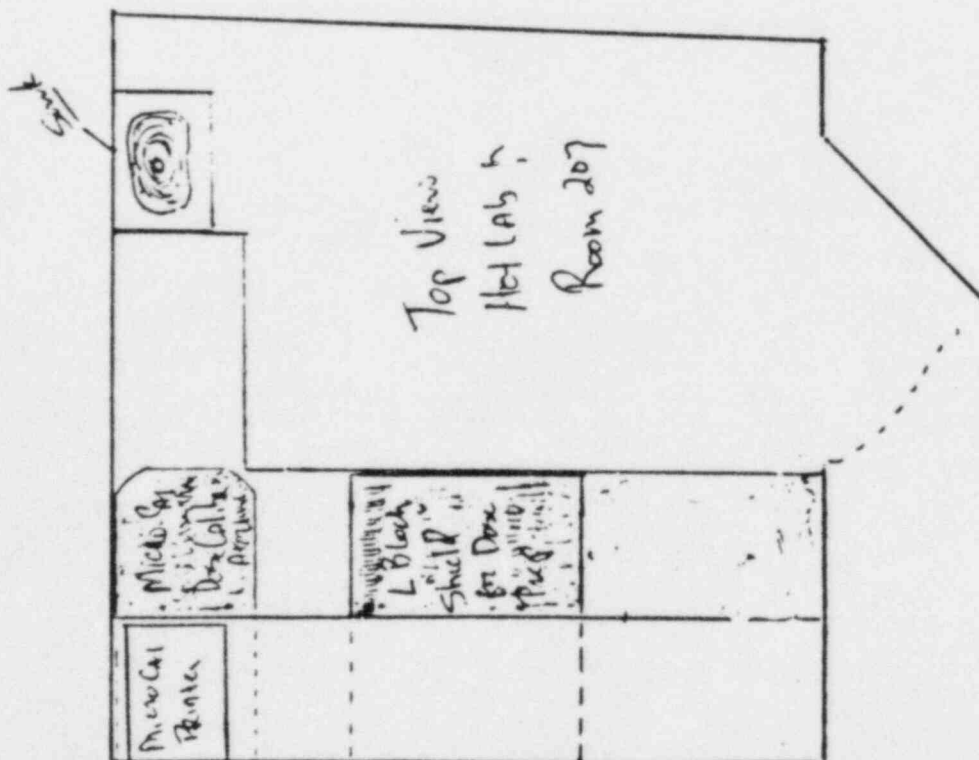
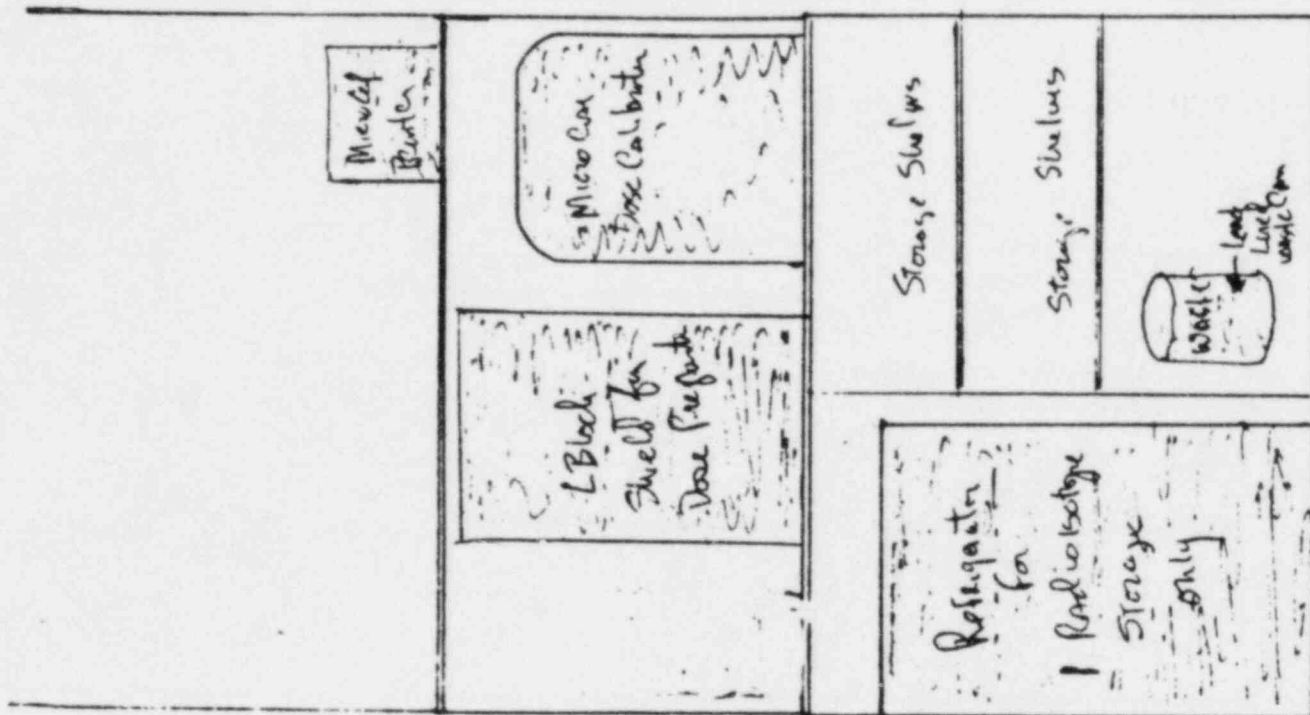
Radiology  
Department  
Storage



STAIRWELL



Left Panel  
View of  
Hot Lab



Long-term storage and decay of radioactive materials will continue to be done in Hot Lab on 1st Floor.