

NRC FORM 313M

(9-81)

10 CFR 35

U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR MATERIALS LICENSE — MEDICAL

Approved by OMB
3150-0041

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

Saddle Brook General Hospital
300 Market Street
Saddle Brook, New Jersey 07662

TELEPHONE NO.: AREA CODE (201) 368 6000

1.b. STREET ADDRESS(ES) AT WHICH RADIOACTIVE MATERIAL WILL BE USED (If different from 1.a.) INCLUDE ZIP CODE

300 Market Street
Saddle Brook, New Jersey 07662

2. PERSON TO CONTACT REGARDING THIS APPLICATION

William L. Palazzo, M.D.

TELEPHONE NO.: AREA CODE (201) 368-6032

3. THIS IS AN APPLICATION FOR: (Check appropriate item)

a. ☐ NEW LICENSEb. ☐ AMENDMENT TO LICENSE NO. _____c. ☒ RENEWAL OF LICENSE NO. 29-18240-01

4. INDIVIDUAL USERS (Name individuals who will use or directly supervise use of radioactive material. Complete Supplements A and B for each individual.)

William L. Palazzo, M.D. R.S.O.
Edwardo Dazo, M.D.

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.)

William L. Palazzo, M.D.

6.a. RADIOACTIVE MATERIAL FOR MEDICAL USE

RADIOACTIVE MATERIAL LISTED IN:	ITEMS DESIRED	MAXIMUM POSSESSION LIMITS	ADDITIONAL ITEMS:	MARK ITEMS DESIRED	MAXIMUM POSSESSION LIMITS
	"X"	(In millicuries)		"X"	(In millicuries)
10 CFR 31.11 FOR IN VITRO STUDIES			IODINE-131 AS IODIDE FOR TREATMENT OF HYPERTHYROIDISM	X	200mCi
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	X	200mCi
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.	X	30mCi
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
<div>RECEIVED BY LFMB Date 6/5/84 Log Mary J. I By Brown</div>			Wm. Palazzo M.D. Applicant 29-18240-01 Check No. 150-78 Amount/Fee Category Type of Fee Renewal Date Check Recd. 6/5/84 Received By Brown

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Orig. To
Action Completed 6/5/84

Postmarked 5/8/84

8512230576 851105
REG. LIC30
29-18240-01 PDR

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. 1* Date: October 1980

7. MEDICAL ISOTOPES COMMITTEE		15. GENERAL RULES FOR THE SAFE USE OF RADIOACTIVE MATERIAL (Check One)	
	Names and Specialties Attached; and	*	Appendix G Rules Followed; or Rev 1 oct. 1980
*	Duties as in Appendix B; or 10.8 - 19 revision 1 October 1980 (Check One)		Equivalent Rules Attached
	Equivalent Duties Attached	16. EMERGENCY PROCEDURES (Check One)	
8. TRAINING AND EXPERIENCE		*	Appendix H Procedures Followed; or Rev 1 oct. 1980
*	Supplements A & B Attached for Each Individual User; and Reference previous license page 2		Equivalent Procedures Attached
	Supplement A Attached for RSO.	17. AREA SURVEY PROCEDURES (Check One)	
9. INSTRUMENTATION (Check One)		*	Appendix I Procedures Followed; or Rev 1 oct 1980
	Appendix C Form Attached; or		Equivalent Procedures Attached
*	List by Name and Model Number	18. WASTE DISPOSAL (Check One)	
10. CALIBRATION OF INSTRUMENTS			Appendix J Form Attached; or
	Appendix D Procedures Followed for Survey Instruments; or (Check One)	*	Equivalent Information Attached
*	Equivalent Procedures Attached; and rev 1 1980	19. THERAPEUTIC USE OF RADIOPHARMACEUTICALS (Check One)	
	Appendix D Procedures Followed for Dose Calibrator; or (Check One)	*	Appendix K Procedures Followed; or rev 1 1980
	Equivalent Procedures Attached		Equivalent Procedures Attached
11. FACILITIES AND EQUIPMENT		20. THERAPEUTIC USE OF SEALED SOURCES	
*	Description and Diagram Attached		Detailed Information Attached; and
12. PERSONNEL TRAINING PROGRAM			Appendix L Procedures Followed; or (Check One)
	Description of Training Attached		Equivalent Procedures Attached
13. PROCEDURES FOR ORDERING AND RECEIVING RADIOACTIVE MATERIAL		21. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE GASES (e.g., Xenon - 133)	
	Detailed Information Attached		Detailed Information Attached
14. PROCEDURES FOR SAFELY OPENING PACKAGES CONTAINING RADIOACTIVE MATERIALS (Check One)		22. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE MATERIAL IN ANIMALS	
			Detailed Information Attached
*	Appendix F Procedures Followed; or rev 1 1980	23. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE MATERIAL SPECIFIED IN ITEM 6.b	
	Equivalent Procedures Attached		Detailed Information Attached

Equipment Listing

Searle Gamma Camera
37 PM tubes

Model 000AA3214

Serial 33583

Nuclear Chicago
Uptake&Rectilinear

Serial 810813592

GM meter
Sensitivity-----0.01 mr/hr - 50 mr/hr

CDV-700

Serial 62621

GM meter
Sensitivity-----1 mr/hr-

CDV-700
R/hr

Serial 218766

Cutie Pie
Smith Chapman

Model CS40

Serial 1113

Picker Dose Calibrator

Model 632-507

Serial 232-176

May 15, 1984

item9

17556

Waste Disposal

Please be advised that the hospital uses instant precalibrated doses and all remaining material is sent back each morning with the Radiopharmacist carrier. All radioactive wipes, and any radioactive debris is held in storage for at least 10 half lives and monitored with a low level survey meter before discarding to ordinary trash. All labels are obliterated prior to disposal. Documentation according to Appendix J is maintained for inspection. Monthly consultation by our consultant physicist is performed to assure compliance with appendix J procedures pertaining to waste disposal.

All meters are calibrated on a six month basis by Bio Med Assoc. Inc.
753 Boulevard, Kenilworth, N.J. 07033. The individual performing the
service is Anthony DeLuca. Phone Number is 201- 241-5560.

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24. PERSONNEL MONITORING DEVICES

TYPE <small>(Check appropriate box)</small>		SUPPLIER	EXCHANGE FREQUENCY
a. WHOLE BODY	FILM *	Siemens Health Physics Services	Monthly
	TLD		
	OTHER (Specify)		
b. FINGER	FILM		
	TLD		
	OTHER (Specify)		
c. WRIST	FILM		
	TLD		
	OTHER (Specify)		

d. OTHER (Specify)

Pocket Dosimeter 200mRad chamber

25. FOR PRIVATE PRACTICE APPLICANTS ONLY

a. HOSPITAL AGREEING TO ACCEPT PATIENTS CONTAINING RADIOACTIVE MATERIAL			
NAME OF HOSPITAL <u>Saddle Brook Hospital</u>		b. ATTACH A COPY OF THE AGREEMENT LETTER SIGNED BY THE HOSPITAL ADMINISTRATOR.	
MAILING ADDRESS <u>300 Market Street</u>		c. WHEN REQUESTING THERAPY PROCEDURES, ATTACH A COPY OF RADIATION SAFETY PRECAUTIONS TO BE TAKEN AND LIST AVAILABLE RADIATION DETECTION INSTRUMENTS.	
CITY <u>Saddle Brook</u>	STATE <u>NJ</u>	ZIP CODE <u>07662</u>	

26. CERTIFICATE

(This item must be completed by applicant)

The applicant and any official executing this certificate on behalf of the applicant named in Item 1a certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 35, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

a. LICENSE FEE REQUIRED <small>(See Section 170.31, 10 CFR 170)</small>		b. APPLICANT OR CERTIFYING OFFICIAL (Signature) 	
(1) LICENSE FEE CATEGORY <u>Human use 7-B</u>		(1) NAME (Type of Print) <u>John W. Pollina</u>	
(2) LICENSE FEE ENCLOSED \$ <u>150.00</u>		(2) TITLE <u>Executive Director</u>	
c. DATE <u>May 15, 1984</u>			

6-1-84

date

NOTE FOR: Region I
THRU: License Fee Management Branch
FROM: Licensing Assistance Section
Fuel Cycle Material Safety
Office of Nuclear Material Safety Safeguards

Enclosed is the original copy of the application for a pending licensing action to be processed by your region.

CONTROL NO. 17556

LICENSEE: Saddle Brook General Hospital

LICENSE NUMBER: 29-18240-01 DOCKET NUMBER: 30-14715

The duplicate copy of the application has already been sent to your region.

Attached also is the official file. Please return the duplicate folder to LAS, FCMS, upon receipt of this file.

FOR LFMB USE

Fee Category and Amount: 7B \$150

Correct fee has been paid.

Application may be processed for: ☐ amendment ☒ renewal ☐ license

LFMB Reviewer: J. Brown kg 6/5/84