



FOSTER G. McGAW HOSPITAL
LOYOLA UNIVERSITY OF CHICAGO
2160 South First Avenue, Maywood, Illinois 60153 312 531-3777

DEPARTMENT OF NUCLEAR MEDICINE

April 9, 1985

Ms. Pat Detloff
Material Licensing Section, Reg. III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

RE: License No. 12-11355-03
Control No. 17414

Dear Ms. Detloff:

This is a follow-up to your Tuesday, April 9th phone conversation with Dr. Kevin Corrigan regarding the addition of a name of one physician to the Loyola University Medical Center teletherapy license renewal application.

We request that James E. Marks, M.D. be included among those physicians named on the license and authorized to use our Cobalt-60 unit for patient treatment. Attached is biographical information on Dr. Marks and a summary of his training. You will note he received board certification in 1972.

Should you require additional information, please contact Dr. Corrigan at 531-3239.

Thank you for considering this last-minute addition to our license renewal application.

Sincerely,

Richard Matre, Ph.D.
Provost

RECEIVED

APR 10 1985

REGION III

RM/KWC/dlg

8509160051 850628
REG3 LIC30
12-11355-03 PDR

enclosures

CURRICULUM VITAE

James E. Marks, M.D.

PERSONAL:

BIRTHDATE: December 10, 1939
BIRTHPLACE: Galesburg, Illinois
SOCIAL SECURITY NO.: 323-32-9514

EDUCATION:

1957 - 1961 Knox College - A.B.
Galesburg, Illinois

1961 - 1965 Washington University School of Medicine - M.D.
St. Louis, Missouri

1965 - 1966 Internship
Jewish Hospital of St. Louis

1966 - 1967 Residency - Surgery
Jewish Hospital of St. Louis

1967 - 1968 Residency - Surgery
University of Chicago
Chicago, Illinois

1968 - 1972 Residency - Radiology
University of Chicago
Chicago, Illinois

1970 - 1975 Fellowship
American Cancer Society Clinical Fellow

POSITIONS:

1972 - 1974 Assistant Professor, University of Chicago
(Therapeutic Radiology)
Chicago, Illinois

1974 - 1977 Assistant Professor of Radiation Oncology
Washington University School of Medicine
St. Louis, Missouri

1977 - 1982 Associate Professor of Radiation Oncology
Washington University School of Medicine
St. Louis, Missouri

1982 - 1985

Professor of Radiation Oncology
Washington University School of Medicine
St. Louis, Missouri

1985-

Director
Loyola-Hines Department of Radiation Therapy
Strich School of Medicine
Chicago, Illinois

LICENSURE:

Missouri, 1966 ----- #30258
Illinois, 1968 ----- #36-41134
National Board, 1967 ----- #84245

CERTIFICATION:

American Board of Radiology - Therapeutic 1972

SOCIETIES:

Metropolitan Association of Radiation Therapists,
Chicago, Illinois
American Radium Society
American Society of Therapeutic Radiology
and Oncology
American College of Radiology
Missouri Radiological Society
Radiologic Society of North America
American Association for Cancer Education
St. Louis Radiological Society

EDITORIAL BOARD:

Journal of Neuro-Oncology
Laryngoscope

TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER James E. Marks, M.D.			2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE Missouri, Illinois	
3. CERTIFICATION				
SPECIALTY BOARD A		CATEGORY B		MONTH AND YEAR CERTIFIED C
Radiation Oncology - American Board of Radiology				June, 1972
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	Univ. of Chicago Hosp. & Clinics- Argonne Cancer Research Hosp. April, 1969 to June, 1972	2 courses on basic physics 40 hours	10 hours	
b. RADIATION PROTECTION	Univ. of Chicago Hosp. & Clinics- Argonne Cancer Research Hosp. April, 1969 to June, 1972	3 hours	1 hour	
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Univ. of Chicago Hosp. & Clinics- Argonne Cancer Research Hosp. April, 1969 to June, 1972	3 hours	none	
d. RADIATION BIOLOGY	Univ. of Chicago Hosp. & Clinics- Argonne Cancer Research Hosp. April, 1969 to June, 1972	20 hours	none	
e. RADIOPHARMACEUTICAL CHEMISTRY				
5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Radium	30-40 mg	Univ. of Chicago	5 years	intracavitary and interstitial.
Gold 198	150 millicuries	Univ. of Chicago	5 years	intracavitary.
Radon	5 millicuries	Univ. of Chicago	5 years	interstitial.
Chromium 51	5 millicuries	Univ. of Chicago	5 years	interstitial.
Iridium 192	10 millicuries	Mallinckrodt Inst. of Radiology	11 years	interstitial.
I 131	100 millicuries	Mallinckrodt Inst. of Radiology	11 years	oral

PRECEPTOR STATEMENT

Supplement B must be completed by the applicant physician's preceptor. If more than one preceptor is necessary to document experience, obtain a separate statement from each.

1. APPLICANT PHYSICIAN'S NAME AND ADDRESS

FULL NAME

James E. Marks, M.D.

STREET ADDRESS

510 S. Kingshighway

CITY

St. Louis

STATE

MO

ZIP CODE

63110

KEY TO COLUMN C

PERSONAL PARTICIPATION SHOULD CONSIST OF:

1-Supervised examination of patients to determine the suitability for radioisotope diagnosis and/or treatment and recommendation for prescribed dosage.

2-Collaboration in dose calibration and actual administration of dose to the patient including calculation of the radiation dose, related measurements and plotting of data.

3-Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN

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
I-131 or I-125	DIAGNOSIS OF THYROID FUNCTION		I had 3 months training in Nuclear Medicine as a resident and am not qualified in the diagnostic use of isotopes.
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME		
	LIVER FUNCTION STUDIES		
	FAT ABSORPTION STUDIES		
	KIDNEY FUNCTION STUDIES		
	IN VITRO STUDIES		
OTHER			
I-125	DETECTION OF THROMBOSIS		
I-131	THYROID IMAGING		
P-32	EYE TUMOR LOCALIZATION		
Se-75	PANCREAS IMAGING		
Yb-169	CISTERNOGRAPHY		
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES		
OTHER			
Tc-99m	BRAIN IMAGING		
	CARDIAC IMAGING		
	THYROID IMAGING		
	SALIVARY GLAND IMAGING		
	BLOOD POOL IMAGING		
	PLACENTA LOCALIZATION		
	LIVER AND SPLEEN IMAGING		
	LUNG IMAGING		
	BONE IMAGING		

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

ISOTOPE	CONDITIONS DIAGNOSED OR TREATED	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.)
A	B	C	D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES	0 - --	() Number of cases treated during 11 years at Mallinckrodt Institute of Radiology July, 1974 to July, 1985.
P-32 (Colloidal)	INTRACAVITARY TREATMENT	5 (2)	
I-131	TREATMENT OF THYROID CARCINOMA	25 (42)	
	TREATMENT OF HYPERTHYROIDISM	0	
Au-198	INTRACAVITARY TREATMENT	10	
Co-60 or Cs-137	INTERSTITIAL TREATMENT	0	
	INTRACAVITARY TREATMENT	0 (1)	
I-125 or Ir-192	INTERSTITIAL TREATMENT	80 (177)	
Co-60 or Cs-137	TELETHERAPY TREATMENT	600	
Sr-90	TREATMENT OF EYE DISEASE	2 (11)	
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	10	
Sr-113/ In-113m	GENERATOR	0	
Tc-99m	REAGENT KITS	0	
I-125 seeds in Vicryl suture		0 (4)	

4. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING
1969 to 1974 total number of hours 100.

5. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:		5. PRECEPTOR'S SIGNATURE	
a. NAME OF SUPERVISOR Melvin L. Griem, M.D.		7. PRECEPTOR'S NAME (Please type or print)	
b. NAME OF INSTITUTION University of Chicago			
c. MAILING ADDRESS 950 East 59th Street			
d. CITY Chicago, IL 60637		8. DATE	
e. PHYSICIAN'S LICENSE NUMBER(S)			

**WASHINGTON
UNIVERSITY
SCHOOL OF
MEDICINE**

AT WASHINGTON UNIVERSITY MEDICAL CENTER

DIVISION OF
RADIATION SAFETY

April 2, 1985

James E. Marks, M.D.
Radiation Oncology

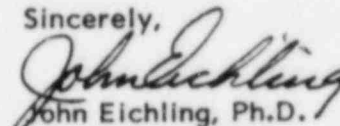
Dear Dr. Marks:

You have been authorized to use US Nuclear Regulatory Commission licensed materials in 2 different clinical activities while at Washington University School of Medicine. The 2 categories are as follows:

- (1) You have been approved by our institutional radioisotope committee, the Radiation Safety Committee, to use USNRC-licensed materials for Groups IV, V & VI applications under the institutional medical broad scope license - USNRC 24-00167-11. In addition, statements specifying your training and experience were submitted to the NRC at the time of our last renewal of the broad-scope license in 1981. Copies of these statements are enclosed.
- (2) You have been approved by the Radiation Safety Committee to use our two ^{60}Co teletherapy devices authorized by USNRC license #24-00063-08 (Mallinckrodt Institute of Radiology) and USNRC license 24-00063-10 (Jewish Hospital).

If you ever need additional information please call me at (314) 362-2988. Best wishes at Loyola University.

Sincerely,


John Eichling, Ph.D.
Institutional RSO

JE:fiw

enclosures

Box 8053
724 S. Euclid Avenue
St. Louis, Missouri 63110
(314) 362-3476