

WESTERN MONTANA REGIONAL CANCER CENTER

KATHERINE L. MARKETTE, M.D.
MEDICAL DIRECTOR

325 Owen Street
Missoula, Montana 59802
406 / 542-0341
406 / 542-2746

February 10, 1987

Mr. Jack Whitten
United States Nuclear
Regulatory Commission
611 Ryan Plaza, Suite 1000
Arlington, TX 76011

RE: NRC LICENSE NUMBER 25-19771-01

Dear Mr. Whitten:

The owners of the Western Montana Regional Cancer Treatment Center (WMRCTC) request the NRC terminate their NRC license 25-19771-01. The owners of WMRCTC have agreed to sell the center and its by-product material to St. Patrick Hospital. St. Patrick Hospital is requesting an amendment to the NRC license number 25-19771-01 identifying it as the owner of the by-product material effective March 1, 1987.

The required \$230.00 amendment fee is enclosed with this letter along with the amendment request from St. Patrick Hospital.

If there are any further questions, please contact me at (406) 721-5600 or Virginia S. Iverson at (406) 543-271.

Sincerely yours,

W. W. Wilson
W. W. Wilson, M.D.

WWW/lhk

Enclosures

8803220464 870708
REG4 LIC30
25-19771-01 PDR

Feb-6-IV

Exhibit	
Check No.	4051
Amount	\$230
Fee Category	7A
Type of Fee	
Date Check Paid	2/16/87
Date Completed	
By	<i>Muscir</i>

3/1/87 returned

RECEIVED
87 FEB 26 10:51
FEE EXEMPT
Termination

461402

January 1987

CURRICULUM VITAE

KATHERINE LEE MARKETTE, M.D.

HOME ADDRESS:

3835 North Avenue West
Missoula, MT 59801
(406) 728-0463

WORK ADDRESS:

Western Montana Regional Cancer Center
325 Owen
Missoula, MT 59802
(406) 542-0341

DATE OF BIRTH:

July 9, 1953

PLACE OF BIRTH:

Oxford, Mississippi

SOCIAL SECURITY NUMBER:

516-68-6515

PRIMARY EDUCATION:

1959 - 1967	Southside Grade School Cut Bank, Montana
1967 - 1971	Cut Bank High School Cut Bank, Montana

UNDERGRADUATE EDUCATION:

1971 - 1972	Oregon State University
1972 - 1975	Montana State University
1975	Bachelor of Science Animal Science

GRADUATE EDUCATION:

1975 - 1977	Colorado State University
1980	Master of Science Physiology and Biophysics

MEDICAL EDUCATION:

1978 - 1982	University of Washington School of Medicine
1982	M.D. Degree

POST-GRADUATE TRAINING:

1982 - 1986	Radiation Oncology University of Washington Seattle, Washington 98105
-------------	---

PROFESSIONAL EXPERIENCE:

1985 - present	Western Montana Regional Cancer Center 325 Owen Missoula, Montana 59802
----------------	--

46402

MEDICAL LICENSURE:

State of Washington
0020804
ref# MA-RK-EK-L474MZ
1982 - present

State of Montana
#5186
1985 - present

BOARD CERTIFICATION:

National Board of Medical Examiners
Parts, I, II and III
#268251

American Board of Radiology
(Therapeutic Radiology)
Board Eligible 1986
Written Exam October, 1985--Passed
Oral Exam June, 1986--Board
Certification Pending

CLINICAL MEDICAL HONORS:

Hematology
Laboratory Medicine
Clinical Pathology
Clinical Psychiatry
Clinical Neurology
Trauma Surgery/Emergency Room
Clinical Cardiology

HONORS AND AWARDS:

Alpha Zeta Professional Honor Society
Montana State University
1973 - 1975

National Scholarship Award
American Society of Animal Science
1975

Graduation with Distinction
Montana State University
1975

Phi Kappa Phi Scholastic Honorary
Montana State University
1973 - 1975

American Cancer Society
Student Research Fellowship
University of Washington
1981

American Cancer Society Award
University of Washington
1982

Chief Resident
Radiation Oncology
University of Washington
August, 1984 - January, 1985

46402

CURRENT MEMBERSHIPS:

American Society for Therapeutic Radiology
and Oncology
Junior Member 1984 - 1986

Washington State Radiological Society
Junior Member 1984 - 1986

Montana Medical Association
Active Member 1985 - present

RESIDENT CONSULTANT:

Children's Orthopedic Hospital
Seattle, Washington

Harborview Hospital
Seattle, Washington

Pacific Medical Center
Seattle, Washington

Seattle Veteran's Administration Hospital
Seattle, Washington

University Hospital
Seattle, Washington

CURRENT STAFF PRIVILEGES:

St. Patrick Hospital
Missoula, Montana

Community Medical Center
Missoula, Montana

Missoula General Hospital
Missoula, Montana

TUMOR BOARD CONSULTANT:

Harborview Medical Center
Seattle, Washington 1983 - 1984

University Hospital
Seattle, Washington 1983 - 1985

Central Washington Hospital
Wenatchee, Washington
Guest Consultant March 1, 1984

Pacific Medical Center
Seattle, Washington 1984 - 1985

Widbey General Hospital
Coupeville, Washington
Guest Consultant August 7, 1984

Skagit Valley Hospital
Cancer Committee Screening
Mount Vernon, Washington
Guest Consultant August 7, 1984

United General Hospital
Cancer Committee Screening
Sedro Woolley, Washington
Guest Consultant August 7, 1984

United General Hospital
Joint Cancer Conference
Sedro Woolley, Washington
Guest Consultant August 9, 1984

Overlake Hospital
Bellevue, Washington
Guest Consultant October 10, 1984

St. Patrick Hospital
Missoula, Montana
1985 - present

Community Medical Center
Missoula, Montana
1985 to present

46/402

LOCUM TENENS:

Dr. Edward DePersio
Wenatchee Valley Radiation Center
Wenatchee, Washington
February 26 - March 3, 1984

Dr. Nick Muff
North Puget Oncology Cancer Care Center
Sedro Woolley, Washington
July 31 - August 12, 1984
April 4 - April 14, 1985

Dr. James Pelton
Eastside Radiation Oncology
Bellevue, Washington
September 24 - October 13, 1984
January 25 - 28, 1985
February 12 - June 24, 1985

PROFESSIONAL
RESPONSIBILITIES:

Coordinator
Annual Radiobiology and Research
Conference for Residents
Washington, Oregon, Alberta and
British Columbia
April 18 - 19, 1985

Lecturer
Health Sciences 390
Recent Advances in Clinical Medicine
University of Montana
Winter Quarter 1986

PRESENTATIONS:

1. Bovine Embryonic Mortality Estimated by Serum Progesterone Profiles and Observed Estrus. Department of Physiology and Biophysics. Colorado State University. October 1980.
2. Current Concepts in Lung Cancer. Department of Radiation Oncology University Hospital. Seattle, Washington. October 1984.
3. Radiation Therapy: The Basics. Northwest Washington I Can Cope. Overlake Hospital. Bellevue, Washington. April 23, 1985.
4. St. Patrick Hospital Oncology Conference. Radiation Therapy as Primary Treatment for Breast Cancer. Missoula, Montana. April 25, 1986.

PUBLICATIONS:

1. Markette, K.L.; Seidel, G.E. and Elsdon, R.P.: Embryonic Loss After Bovine Embryo Transfer. Theriogenology. Vol 13. pp 105. (1980).
2. Markette, K.L.: Bovine Embryonic Mortality Estimated by Serum Progesterone Patterns and Observed Estrus. Colorado State University Thesis Publication. pp 1-121. (1980).
3. Russell, A.H.; Markette, K.L. and Tong, D.Y.: Intracavitary Irradiation for Carcinoma of the Urinary Bladder: Rationale, Technique, and Preliminary Results. Int. J. Radiation Oncology Biol. Phys., Vol. 10. pp 215-219. (1984).
4. Markette, K.L.; Seidel, G.E. and Elsdon, R.P.: Embryonic Loss after Bovine Embryo Transfer. Proceedings from the International Society of Embryo Transfer. Montreal. (1985).
5. Markette, K.L.; Seidel, G.E. and Elsdon, R.P.: Estimation of Embryonic Losses in Bovine Embryo Transfer Recipients from Progesterone Profiles and Returns to Estrus. Theriogenology. Vol. 23. pp 45-62. (1985).
6. Russell, A.H.; Markette, K.L.; Figgee, D.C.; Greer, B.E. and Tamimi, H.K.: Radical Re-irradiation for Recurrent or Second Primary Carcinoma of the Female Genital Tract. Gyn Onc. Submitted for Publication.
7. Russell, A.H.; Markette, K.L.; Tamimi, H.K.; Greer, B.E., and Figgee, D.C.: Radical Re-irradiation for Recurrent or Second Primary Cancers of the Female Genital Tract. Abstract and Presentation. Western Association of Gynecologic Cancer Annual Meetings. June 1985.

461402

REFERENCES:

Joanne Mortimer, M.D.
Assistant Professor
Department of Medicine/Division of Medical Oncology
RC-08
University Hospital
1959 NE Pacific Ave.
Seattle, WA 98195
(206) 548-4100

D.Y. Tong, M.D.
Staff Radiation Oncologist
Group Health Hospital
200 15th Ave. East
Seattle, WA 98112
(206) 326-6956

James Pelton, M.D.
Eastside Radiation Oncology
1035 116th Ave. NE
Bellevue, WA 98006
(206) 451-3805

William C. Nichols, M.D.
621 W. Alder
Missoula, MT 59802
(406) 728-2539

Stephen F. Speckart, M.D.
621 W. Alder
Missoula, MT 59802
(406) 728-2539

John M. Trauscht, M.D.
Western Montana Clinic
515 W. Front
P. O. Box 7609
Missoula, MT 59807
(406) 721-5600

Wesley W. Wilson, M.D.
Western Montana Clinic
515 W. Front
P. O. Box 7609
Missoula, MT 59807
(406) 721-5600

Additional references available upon request.

SUPPLEMENT A
TRAINING AND EXPERIENCE
PROPOSED AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF PROPOSED AUTHORIZED USER OR RADIATION SAFETY OFFICER Katherine L. Markette, M.D.	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE (if physician) Montana
--	--

3. CERTIFICATION		
SPECIALTY BOARD	CATEGORY	MONTH AND YEAR CERTIFIED
American Board of Radiology	Radiation Oncology	Eligible June, 1987

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES (To be completed by institution providing training)			
FIELD OF TRAINING	LOCATION AND DATE(S) OF TRAINING	TYPE AND LENGTH OF TRAINING	
		LECTURE/LABORATORY COURSE (hours)	FORMAL SUPERVISED OUT-LABORATORY EXPERIENCE (hours)
RADIATION PHYSICS AND INSTRUMENTATION	University of Washington Dept. of Radiation Oncology July, 1982 to June, 1986	200	0
RADIATION PROTECTION	As above	100	0
MATHEMATICS PERTAINING TO THE USE, MEASUREMENT, AND SHIELDING OF RADIOACTIVE SOURCES	As above	50	0
RADIATION BIOLOGY	Sept. 1982--June, 1983	200	0
	Sept. 1984--June, 1985		

5. EXPERIENCE WITH RADIOACTIVE MATERIALS* (Actual use of radioisotopes or equivalent experience)				
ISOTOPE	MAXIMUM AMOUNT FOR ANY SINGLE APPLICATION	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Cs-137 Ir-192 Co-60 Sr-90	variable	University of Washington	4 years	intracavitary interstitial therapy eye diseases

- * Experience with sealed radioactive sources under the supervision of qualified instructors should include:
1. Review of initial source calibration and periodic spot check measurements of teletherapy units.
 2. Initial source calibration of sealed sources other than teletherapy sources that are used for treatment overdoses.
 3. Calibration of ion chambers and survey meters.
 4. Preparation of treatment plans and treatment times for brachytherapy.
 5. Knowledge of appropriate radiation safety, quality control and emergency procedures for handling and using sealed sources.

6. I CERTIFY THAT THE INFORMATION PRESENTED ABOVE IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF (Signature of program evaluator)

TYPED OR PRINTED NAME Thomas Griffin, M.D., Chairman		DATE 1/30/87
NAME OF INSTITUTION University of Washington		
MAILING ADDRESS 1959 NE Pacific Ave. City		
STATE WA	ZIP CODE 98195	RADIOACTIVE MATERIALS LICENSE NUMBER WAC-001-6

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.

46/402

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

Katherine L. Markette, M.D.

STREET ADDRESS

325 Owen Street

CITY

Missoula

STATE

MT

ZIP CODE

59802

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

A	B	C	D
I-131 or I-125	DIAGNOSIS OF THYROID FUNCTION	0	COMMENTS (Should not be an extension of comments already be submitted in duplicate on separate sheets.)
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME	0	
	LIVER FUNCTION STUDIES	0	
	FAT ABSORPTION STUDIES	0	
	KIDNEY FUNCTION STUDIES	0	
	IN VITRO STUDIES	0	
OTHER		0	
I-125	DETECTION OF THROMBOSIS	0	
I-131	THYROID IMAGING	0	
P-32	EYE TUMOR LOCALIZATION	0	
Sr-75	PANCREAS IMAGING	0	
Yb-169	CISTERNOGRAPHY	0	
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	0	
OTHER		0	
Tc-99m	URINARY IMAGING	0	
	CARDIAC IMAGING	0	
	THYROID IMAGING	0	
	SALIVARY GLAND IMAGING	0	
	BLOOD POOL IMAGING	0	
	PLACENTA LOCALIZATION	0	
	LIVER AND SPLEEN IMAGING	0	
	LUNG IMAGING	0	
OTHER	BONE IMAGING	0	
		0	

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	0	
P-32 (Colloid)	INTRACAVITARY TREATMENT	0	
I-131	TREATMENT OF THYROID CARCINOMA	0	
	TREATMENT OF HYPERTHYROIDISM	0	
Au-198	INTRACAVITARY TREATMENT	0	
Co-60 or Cs-137	INTERSTITIAL TREATMENT	0	
	INTRACAVITARY TREATMENT	30	
Ir-192 or Co-60 or Cs-137	INTERSTITIAL TREATMENT	25	
	TELETHERAPY TREATMENT	100	
Sr-90	TREATMENT OF EYE DISEASE	10	
	RADIOPHARMACEUTICAL PREPARATION	0	
Mo-99/ Tc-99m	GENERATOR	0	
Sn-113/ In-113m	GENERATOR	0	
Tc-99m	REAGENT KITS	0	
Other		0	

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

July 1982--July 1986

4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:

a. NAME OF SUPERVISOR

Thomas Griffin, M.D. Chairman

b. NAME OF INSTITUTION

University of Washington

c. MAILING ADDRESS

1959 NE Pacific Ave.

d. CITY

Seattle, WA 98195

5. MATERIALS LICENSE NUMBER(S)

6. PRECEPTOR'S SIGNATURE

Thomas Griffin

7. PRECEPTOR'S NAME (Please type or print)

Thomas Griffin, M.D.

8. DATE

1/30/87

461402