



Veterans
Administration

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SEP 21 1984

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NUCLEAR MEDICINE SERVICE
(115)

Materials Licensing Branch
Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety & Safeguards
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

THRU: Director, Nuclear Medicine Service (115)
VACO, Washington, D. C. 20420

SUBJ: Renewal Application, Byproduct Material License
No. 23-12255-02 dated July 1, 1984.

1. Application for renewal of NRC Byproduct Material License
No. 23-12255-02 was submitted thru VACO (115) to USNRC for
review, and is currently pending with USNRC (Ref: NRC Control
17807).

2. Reference NRC Form 313M, page 1, Item 4 (Individual
Users). Guenther Herz, M.D. has joined the VAMC Biloxi, MS
as a staff radiologist. Appropriate data in the form of NRC
Form 313M - Supplement A, and Summary of Education are
submitted for review in order that Dr. Herz may be included
as an authorized user in accordance with terms and specifi-
cations of the license.


J. H. CALDWELL JR.
Center Director

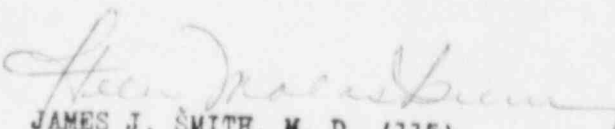
Enclosures:

- #1 - NRC Form 313M - Sup A (Dr. Herz)
- #2 - Summary of Education (Dr. Herz)

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REQ2 LIC30
23-12255-02 PDR

84
SEP 27 19:57

In Reply Refer To: 520/115


JAMES J. SMITH, M. D. (115)
Director, Nuclear Medicine Service
VA Central Office
Washington, D.C. 20420

17807

9/24/84

SUMMARY OF EDUCATION & EXPERIENCE (AUTHORIZED USER)

Name:

GUENTHER HERZ, M.D.

SSAN: 545-58-2949

Education:

University of Erlangen Erlangen, Bavaria, W. Germany	1950-54
University of Heidelberg Heidelberg, W. Germany	1954-56

Internship:

Jamaica Hospital, N.Y., N.Y.	1957-58	Rotating
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Residency:

University of Muenchen, Policlinic 1st Medical Clinic Rieder Institute	1961-67	Diagnostic & Therapeutic Radiology
University of Tennessee, Memphis	1981-83	Diagnostic Radiology

Board Certification:

Diagnostic & Therapeutic Radiology by: Chamber of Physicians of Free State of Bavaria	1965
Diagnostic Radiology by: Specialists' Registration Committee of The Netherlands	1974

Membership:

Radiological Society of North America
Bavarian American Radiological Society

Degrees:

Promotion to Doctor of Medicine University of Erlangen, Erlangen, Bavaria, W. Germany 'Diagnostic Filling Influenced by Suprarenin and Acetylcholine in Isolated Cat Hearts'	1956
Appointment to Physician Minister of The Interior, State of Baden-Wuerttemberg	1959

Medical Licensure:

State of Arkansas (Radioactive Material License applied for in July or Aug 1983)	
University of The State of New York, Medical License	1981
State of Arkansas, Medical License	1983
FLEX; San Francisco, CA	1978
ECFMG, Munich, W. Germany	1979

Board Certification, USA:

Written Board Exam; Amer. Board Radiol.	1982
Board Eligible, Amer. Board of Radiology	1982

Staff Appointment; U. S. Forces, W. Germany

USAF Hospital Wiesbaden, Radiology Staff	1974-75
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TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Guenther Herz, M.D.	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE Arkansas (pending)
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3. CERTIFICATION		
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C eligible
Radiology	Diagnostic	June 1983

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	UTCHS Department of Radiology Memphis, TN December 81, May 82	80	20
b. RADIATION PROTECTION	UTCHS Dept of Radiology Memphis, TN May 82	25	5
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	UTCHS Dept. of Radiology Memphis, TN October 81 - May 82	18	2
d. RADIATION BIOLOGY	UTCHS Dept. of Radiology October 81 - May 82	20	
e. RADIOPHARMACEUTICAL CHEMISTRY	UTCHS Dept. of Radiology Memphis, TN May 82 June 83	15	15

5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
TcMDP	20 mCi	UTCHS Memphis, TN	4 months	diagnostic
TcMAA	4 mCi	same as above	4 months	diagnostic
TcSC	5 mCi	same	4 months	diagnostic
TcGlhept	30 mCi	same	4 months	diagnostic
Xenon	10 mCi	same	4 months	diagnostic
Tl	2,5 mCi	same	4 months	diagnostic
Tc PYP	20 mCi	same	4 months	diagnostic
Tc Disida	10 mCi	same	4 months	diagnostic

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

Guenther Herz

STREET ADDRESS

CITY

STATE

ZIP CODE

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 sheet.) D
I-131 OR I-125	DIAGNOSIS OF THYROID FUNCTION	34	
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME	5	
	LIVER FUNCTION STUDIES		
	FAT ABSORPTION STUDIES		
	KIDNEY FUNCTION STUDIES	7	
	IN VITRO STUDIES		
OTHER	Ga-67 Gen.Tumor Loc.	43	
I-125	DETECTION OF THROMBOSIS		
I-131	THYROID IMAGING		
P-32	EYE TUMOR LOCALIZATION	5	
Sr-75	PANCREAS IMAGING		
Yb-169	CISTERNOGRAPHY	2	
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	59	
OTHER	Co-57, 58 Schilling I & II Tl-201 Myocardial, Rest/Stress	7 17	
Tc-99m	BRAIN IMAGING	101	
	CARDIAC IMAGING	32	
	THYROID IMAGING	75	
	SALIVARY GLAND IMAGING	1	
	BLOOD POOL IMAGING	11	
	PLACENTA LOCALIZATION		
	LIVER AND SPLEEN IMAGING	231	
	LUNG IMAGING	90	
	BONE IMAGING	212	
OTHER	Bowel Scan	12	

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	1	
I-131	TREATMENT OF THYROID CARCINOMA		
	TREATMENT OF HYPERTHYROIDISM	10	
Au-198	INTRACAVITARY TREATMENT		
Co-60 or Cs-137	INTERSTITIAL TREATMENT		
	INTRACAVITARY TREATMENT		
I-125 or Ir-192	INTERSTITIAL TREATMENT	*	
Co-60 or Cs-137	TELE THERAPY TREATMENT		
Sr-90	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	12	
Sr-113/ In-113m	GENERATOR		
Tc-99m	REAGENT KITS	20	
Other			

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

December, 1981 168 hours
 May, 1982 160 " TOTAL HOURS = 664
 September, 1982 168 "
 May, 1983 168 "

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

a. NAME OF SUPERVISOR

James D. Massie, M.D.

b. NAME OF INSTITUTION

University of Tennessee

c. MAILING ADDRESS

Dept. of Radiology - 865 Jefferson

d. CITY

Memphis, TN 38163

5. MATERIALS LICENSE NUMBER(S)

R-7919-14

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

5. PRECEPTOR'S SIGNATURE

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

James D. Massie, M.D.

8. DATE

6/29/83

SUMMARY OF EDUCATION & EXPERIENCE (AUTHORIZED USER OR RADIATION SAFETY OFFICER)

Name:

JOHN LEROY CAMPBELL II, M.D.

SSAN 186-26-1376

Education:

University of Pittsburgh, The College Pittsburgh, PA	1950-54	B.S. Degree
University of Pittsburgh, Graduate School, Pittsburgh, PA	1954-55	
University of Pittsburgh, School of Medicine, Pittsburgh, PA	1955-59	M.D. Degree

Internship:

Allegheney Valley Hospital Tarentum, PA	1959-60	Rotating
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Residency:

Cincinnati General Hospital Cincinnati, OH	1965-69	Gen. Radiology
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Fellowship:

Fellow in Radiation Therapy, M.D. Anderson Hospital & Tumor Institute, University of Texas, Houston, TX	1968-69	Radiation Therapy
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Medical Licensure:

Commonwealth of Pennsylvania	1960
State of Ohio	1965

Board Certification:

American Board of Radiology	1969	Radiology
American Board of Nuclear Medicine	1973	Nuclear Medicine

Membership:

American College of Radiology
Society of Nuclear Medicine
American College of Nuclear Physicians

Military Experience:

(1) Entered Active Duty USAF	Sept 1960
(2) USAF Medical Field Service School, Gunter AFB, AL	1960-63
Instructor, Medicine & Surgery	
Instructor, Aerospace Medicine	1963-65
Appointed to Regular Air Force	1962
(3) USAF Sponsored Civilian Residency	1965-69
(4) Chief, Radiation Therapy, Malcolm Grow USAF Hospital, Andrews AFB, MD	1969-75
(5) Chief, Nuclear Medicine, USAF Medical Center, Keesler AFB, Biloxi, MS	1975-82
(6) Retired from Active Duty USAF	1982

Military Education:

Basic Orientation Course for Medical Officers, Gunter AFB, AL	1960
Primary Course Aerospace Medicine, Brooks AFB, TX	1963
Medical Aspects of Advanced Warfare Gunter AFB, AL	1963
Medical Aspects of Missile Operations Brooks AFB, TX	1964

Academic Appointment:

Graduate Teaching Assistant, Department of
Zoology, University of Pittsburgh, The College
Pittsburgh, PA

Hospital Appointment

Chief, Nuclear Medicine Service VAMC, Biloxi, MS	Dec 1982-Present
Chief, Radiology Service VAMC, Biloxi, MS	Dec 1982-Present

Clinical Investigation:

Management of Nodes in Cervical Region from an Unknown Primary, M.D. Anderson Hospital Houston, TX	1968-69
Bone Imaging Using 99mTc Polyphosphate Malcolm Grow USAF Medical Center Andrews AFB, Washington, D.C.	1973

Publications:

"Cobalt-60 Teletherapy Simulation Device for Simple Treatment
Fields" accepted for publication, Phys. Med. Biol. 1974
"A Simple Beam Defining and Localization System for Cobalt-60"

Teletherapy" U.S. Air Force Medical Service Digest, April 1974
"Accumulation of Tc99m-Diphosphonate in Malignant Pleural Effusion:
Detection and Verification" with M.E. Siegal and W.J. Walker,
submitted for publication, Journal of Nuclear Medicine 1975

Previous Byproduct Material License Authorizations:

Malcolm Grow USAF Medical Center	USAEC Lic. #08-08401-01
Washington, D.C.	USAEC Lic. #08-08401-01
USAF Medical Center	USNRC Lic. #23-02002-02
Keesler AFB, MS	USNRC Lic. #23-02002-03
VA Medical Center, Biloxi, MS	USNRC Lic. #23-12255-02

Copies of USAEC Form 313a (Supplement A) are on file with USNRC
under indicated licenses.