



IOWA METHODIST MEDICAL CENTER

1200 PLEASANT STREET, DES MOINES, IOWA 50308

TELEPHONE 515-283-6212

MAIN ADULT
HOSPITAL

YOUNKER MEMORIAL
REHABILITATION CENTER

RAYMOND BLANK MEMORIAL
HOSPITAL FOR CHILDREN

HELEN POWELL
CONVALESCENT CENTER

November 28, 1983

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

Re: License 14-01908-01
Iowa Methodist Medical Center
Departments of Radiology and Pathology
1200 Pleasant Street
Des Moines, Iowa 50308

RECEIVED BY LFMB	
Date	12/1/83
Log	12/1/83
By	CP-1
Orig. To	P2
Action Completed	12/1/83

Dear Sirs:

The above-captioned license expires on December 31, 1983 and this letter is in application to renew that license for an additional five years.

I have reviewed our current license with amendments up through number 36 and find that this license is complete and reflects our current operation in Nuclear Medicine. It is our desire to continue to operate under this license without any changes or modification with the following exception.

Charles J. Bischof, Ph.D., has been appointed to be the new Radiation Safety Officer. His completed NRC Form 313M Supplement A indicating his training and experience is attached.

The documents we have previously submitted since our last license application are accurately reflected in the amendments to our license. However, I am not certain as to whether any of these amendments makes reference to my correspondence dated November 20, 1981 about the redesign of our Nuclear Medicine Suite. On May 24, 1982 I submitted a detailed exhibit of our new facility and data on the close-out survey of our former hot lab space. Your correspondence of December 7, 1981 indicated that a \$40.00 fee was neglected and my correspondence of February 26, 1982 indicated that the \$40.00 amendment fee was sent to you. I am not aware that any of our current amendments reflects this change.

The contact person in this application is Alexander Ervanian, M.D., Iowa Methodist Medical Center, 1200 Pleasant Street, Des Moines, Iowa 50308.

Applicant	
Check No.	60193
Amount/Fee Category	8/3072
Type of Fee	Renew
Date Check Rec'd	12/1/83
Received By	CP

Sincerely yours,

Alexander Ervanian

Alexander Ervanian, M.D.
Director of Nuclear Medicine
Chairman of Radiation Safety Committee

AE/lh
Enclosure: Check for \$150.00

8507180640 850619
REG LIC30
14-01908-01 PDR

6377

TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Charles J. Bischof, Ph.D.	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE
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3. CERTIFICATION

SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
American Board of Radiology	Therapeutic Radiological Physics	June 1981

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	St. Johns University 9/66-6/70 Iowa State University 9/70-9/75 University of Iowa 9/75-6/77	60 240 120	480
b. RADIATION PROTECTION	University of Iowa 9/75-6/77	60	
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	St. Johns University 9/66-6/70	240	
d. RADIATION BIOLOGY	University of Iowa 9/75-6/77	180	
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
P-32	15 mCi	University of Iowa	6/77-7/83	Intraperitoneal & Intravenous Therapy
Au-198	150 mCi	University of Iowa	6/77-7/83	Interstitial Implants
Cs-137	450 mCi	University of Iowa	6/77-7/83	Interstitial & Intracavitary Implants
Ra-226	150 mCi	University of Iowa	6/77-6/83	Interstitial & Intracavitary Implants
Co-60	6 kCi	University of Iowa	6/77-7/83	External Therapy
Xe-133	20 mCi	University of Iowa	6/77-7/83	Cerebral Blood Flow