

FEB 27 1989

Docket No. : 030-08074  
License No.: 46-02645-05  
Control No.: 70895

Department of the Army  
Madigan Army Medical Center  
Attention: Preventive Medicine Service  
Tacoma, Washington 98431-5000

Attention: Major Helmut von Loewe  
Chief, Information Management Division

Gentlemen:

Enclosed is the NRC license amendment which you requested.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify us so that we can provide appropriate corrections and answers.

SSG Leise appears to meet the Radiation Safety Officer requirements specified in 10 CFR 35.900(b). We have referenced in License Condition 14. your December 22, 1988 letter describing SSG Leise's training and experience. In the future, if you wish to designate him as the Radiation Safety Officer, in place of Captain Hellman, we will process your request as a separate license amendment.

Please note that no training or experience as a teletherapy physicist has been given for SSG Leise and we do not intend on authorizing him for this position at this time.

Any future correspondence relating to your license should specifically reference your license and docket numbers to expedite your inquiry.

Sincerely,

*for*  
*RECEIVED*  
*2/24/89*  
*RIEDLINGER*  
*2/27/89*

8903210552 890227  
REG5 LIC30  
46-02645-05 PNU

Beth A. Riedlinger  
Health Physicist (Licensing)  
Nuclear Materials Safety Section

Enclosure: Attachment A  
Amendment No. 20 to License No. 46-02645-05



DEPARTMENT OF THE ARMY  
MADIGAN ARMY MEDICAL CENTER  
TACOMA, WASHINGTON 98431-5000

22 DEC 1988

RECEIVED  
NRC  
REGION W

REPLY TO  
ATTENTION OF

Radiation Protection Section

88 DEC 27 11:13

U.S. Nuclear Regulatory Commission  
Region V, Nuclear Materials Safety Section  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596

Dear Sir:

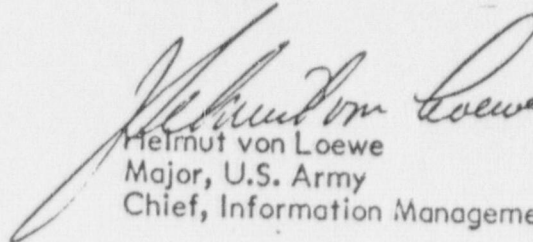
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This medical center would like to add an alternate Radiation Safety Officer to its Byproduct Material Licenses 46-02645-03 and 46-02645-05 effective January 5, 1989. This additional individual, Staff Sergeant Joseph E. Leise, is fully trained in accordance with Title 10, Code of Federal Regulations, Part 35.900(b), and would assume the RSO duties should the incumbent depart this institution. The present RSO, Captain Joseph P. Hellman, will continue to be the primary point of contact until notified by this command IAW 10 CFR 35.14. Staff Sergeant Leise's radiation protection training and experience has been reviewed and approved by our Radiation Control Committee, and is attached for your approval.

As required by the command of which this medical center is a part, copies of this correspondence are being furnished to the military addressees specified below.

In the event that your office requires any further information, address such correspondence to the above address, Box 2458, Radiation Protection Section, Phone: (206)-967-6574.

Sincerely,

  
Helmut von Loewe  
Major, U.S. Army  
Chief, Information Management Division

Enclosure  
as

Copies Furnished:

HQDA (DASG-PSP-E), 5109 Leeburg Pike, Falls Church, VA 22041-3258  
Cdr, Health Services Command (HSCL-P), Ft. Sam Houston, TX 78234-6000

FEE EXEMPT

70894  
70895

8903200485 3PP

# TRAINING AND EXPERIENCE AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

JOSEPH E. LEISE

2. STATE OR TERRITORY IN  
WHICH LICENSED TO  
PRACTICE MEDICINE

## 3. CERTIFICATION

SPECIALTY BOARD  
ACATEGORY  
BMONTH AND YEAR CERTIFIED  
C

## 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	Prime Power Production Ft Belvoir, VA	264	40
b. RADIATION PROTECTION	"	120	40
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	"	40	
d. RADIATION BIOLOGY	"	40	
e. RADIOPHARMACEUTICAL CHEMISTRY	"	35	20

## 5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
See attached Curriculum Vitae				

Encl



## SUMMARY OF RADIATION PROTECTION TRAINING AND EXPERIENCE

SSG Joseph E. Leise  
Health Physics Technician, MOS 91X30  
Radiation Protection Office  
Madigan Army Medical Center  
Tacoma, WA 98431-5062

DATE AND PLACE OF BIRTH: 26 April 1950, Rockville Centre, New York

### EDUCATION:

High School: St. Mary's High School, Manhasset, N. Y., 1964-68

Undergraduate: State University of New York at Farmingdale, Farmingdale, N. Y. (1968-70)  
Major: Engineering Science  
No Degree - 40 Semester Hours Earned

Various Colleges in Northeast Region, 1976-1984  
Major: Business Administration  
No Degree - 50 Semester Hours Earned

University of Maryland, European Division, 1984-1986  
Major: Business Administration  
BS Degree in Business Management, January, 1988

### RADIATION PROTECTION AND NUCLEAR WEAPONS-RELATED TRAINING:

Prime Power Production Specialist Course, specialty training in Health/Physics/Plant Chemistry, US Army Facilities Engineering Support Agency, Ft. Belvoir, VA (1 yr.-5 Nov 79 to 4 Nov 80)

Microwave Ovens Survey Techniques Workshop, US Army Environmental Hygiene Agency, US Army Armament Research and Development Command, Dover, NJ (2 days, 7,8 Apr 82)

Environmental Radiation Surveillance Course, Harvard School of Public Health, Boston, Mass (5 days 11-15 Jul 83)

Radiation Protection Technology Course, Rockwell International, Canoga Park, CA (5days, 6-10 Feb 84)

Nuclear Accident/Incident Control Course, US Army 10th Medical Laboratory, Wuerzburg, Germany (3 days, 20-22 Aug 84)

Nuclear Hazards Training Course USAF Interservice Nuclear Weapons School, Kirtland AFB, New Mexico (4 days, 22-25 Oct 84)

Local Radiation Protection Officer Training Course: US Army Europe and Seventh Army, Landstuhl, Germany (5 days, 5-9 Nov 84)

Medical X-Ray Survey Techniques Course, Academy of Health Sciences, Ft. Sam Houston, TX (10 days, 24 Jan - 5 Feb 88)

## CLASSROOM/LABORATORY RADIATION PROTECTION TRAINING:

<u>Field of Training</u>	<u>Type and Length of Training (HOURS)</u>	
	<u>Lecture</u>	<u>Supervised Laboratory</u>
Radiation Physics and Instrumentation	264	40
Radiation Protection	120	40
Mathematics Pertaining to the Use and Measurement of Radioactivity	40	
Radiation Biology	40	
Radiopharmaceutical Chemistry	35	20

## RADIATION PROTECTION/HEALTH PHYSICS WORK EXPERIENCE.

Nov 80 - Mar 84	Health Physics Technician, Safety Office, US Army Armament Research and Development Command, Dover, NJ. Member of ARRADCOM Ionizing Radiation Control Committee from Dec 1980 to Mar 84. Responsible for all health physics technician activities, including radiation surveys, air sampling, wipe tests on over 200 sources, scaler counting, liquid scintillation counting, multichannel programming and analysis, preparing and reviewing standard operating procedures for source users and maintenance of dosimetry program.
Mar 84 - Dec 87	US Army, 10th Medical Laboratory, Landstuhl, Germany. Health Physics Technician-Preventive Medicine Department. Conducts ionizing radiation protection surveys. Performs compliance surveys on diagnostic X-ray equipment. Work includes wipe tests of sealed and unsealed sources, inspections and wipe tests to verify compliance with federal regulations, acquires and maintains equipment and supplies for response incidents and emergencies, monitors calibration schedule and ensures compliance with prescribed frequency intervals.
Jan 88 - Present	Alternate Radiation Protection Officer and Health Physics Technician-Preventive Medicine Department, US Army, Madigan Army Medical Center, Ft. Lewis, WA. Under direct supervision of MAMC Radiation Protection Officer performs compliance surveys on diagnostic x-ray equipment. Work includes inventory/testing of all hospital radioactive sealed sources, inventory of all unsealed radio isotopes, and inventory/safety surveillance of all hospital nonionizing radio frequency, laser, and ultrasound treatment sources.

# ISOTOPIC RADIATION EXPERIENCE:

<u>Isotope</u>	<u>Maximum Amount</u>	<u>Duration of Experience</u>	<u>Type of Use</u>
H-3	500 Ci	3 yrs	Performed Health
C-14	15 mCi	3 yrs	Physics Technician
Na-22	1.86 mCi	3 yrs	duties overseeing
Cl-36	0.1 mCi	3 yrs	source users
Mn-54	.154 mCi	3 yrs	"
Ni-63	10 mCi	3 yrs	"
Kr-85	370 mCi	3 yrs	"
Sr-90	1 mCi	3 yrs	"
Sr-Y-90	50 mCi	3 yrs	"
Tc-99	.042 mCi	3 yrs	"
I-131	150 mCi	3 yrs	"
Ba-133	5mCi	3 yrs	"
Cs-137	170 Ci	3 yrs	"
Ir-192	2 Ci	3 yrs	"
R-226	100 mCi	3 yrs	"
U-23847	3500 pounds	3 yrs	"
Pu-Be	.5 Ci	3 yrs	"
Am-241	500 mCi	3 yrs	"
Cf-252	10 milligrams	3 yrs	"