

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

College of Engineering
Department of Mechanical Engineering
Nuclear Engineering Program
107 Nuclear Engineering Lab
Ames, Iowa 50011-2241
515 294-5840
FAX 515 294-7224

Docket No. 50-116

June 12, 1995

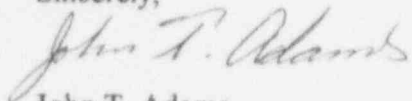
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subj: Change of Radiation Safety Officer

Dear Sir:

I was recently informed by Mr. Emery E. Sobottka, Director of Environmental Health & Safety and interim Radiation Safety Officer, that Mr. Kenneth C. Kerns has been added to his staff and effective June 8, 1995, will be serving as the Radiation Safety Officer for Iowa State University. This notification is provided in order to comply with 10 CFR 50.4 and section 6.6.2 (2) (a) of the UTR-10 Technical Specifications. The resume of Mr. Kerns has been enclosed for your records. Questions concerning appointment of Mr. Kerns as the Radiation Safety Officer may be directed to Emery E. Sobottka at (515)-294-5317 during normal working hours.

Sincerely,



John T. Adams
Reactor Manager

cc:

Dr. G. Burnet, Interim Dean, College of Engineering
E. E. Sobottka, Dir., Environmental Health & Safety
Dr. T. H. Okiishi, Chm., Mechanical Engineering
Dr. D. B. Bullen, Facility Director
Dr. R. A. Jacobson, Chm., Radiation Safety Committee
Dr. E. B. Bartlett, Chm., Reactor Use Committee
K. C. Kerns, Radiation Safety Officer
Regional Administrator, NRC Region III

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mob. /

KENNETH C. KERNS

201 O'Neil Drive
Ames, IA 50010
(515) 232-6355

EDUCATION

8/83 - 12/85 Iowa State University, Ames, Iowa
Degree: M.S., Zoology
Emphasis: Physiology

8/79 - 5/83 Weber State College, Ogden, Utah
Degree: B.S., Zoology

CERTIFICATIONS AND PROFESSIONAL SOCIETIES

Passed Part I of ABHP Certification Examination in 1993
Part II ABHP Certification Examination to be taken 1995

National Health Physics Society, Plenary Member
Baltimore-Washington Chapter, HPS Member
Lake Mead Chapter, HPS Member

EXPERIENCE

6/95 - present **Health Physics Manager**, Iowa State University
Environmental Health and Safety
118 Agronomy Lab
Ames, Iowa 50011-1010
(515) 294-0746

9/91 - 5/95 **Health Physicist**, EG&G Energy Measurements
Remote Sensing Laboratory, P.O. Box 1912, M/S RSL-24
Las Vegas, NV 89125 (702) 295-8777

- Radiation Safety Officer for the Remote Sensing Laboratory.
- Radiation Safety Subcommittee Member for EG&G Energy Measurements.
- Federal Radiological Monitoring and Assessment Center (FRMAC) Exercise Working Group Chairman.
- Member of FRMAC Working Groups for Health and Safety, Field Monitoring, Assessment, and Training.
- Health and Safety Working Group Member for the Accident Response Group (DOD/DOE response team for nuclear weapons accidents).

- Exercise Planner for the FRMAC Program, participated in planning for several Federal Emergency Response Exercises.

4/89 - 9/91

Health Physicist, Armed Forces Radiobiology Research Institute,
Bethesda, MD 20889-5145

- Head Operational Dosimetrist for the AFRRI TRIGA reactor. Routinely used Ionization chambers, activation foils, and fission chambers to measure and characterize the various gamma and neutron fields employed in radiobiology experiments.
- Member of the Medical Radiation Advisory Team (MRAT), which provides health physics and medical advice for the diagnosis and treatment of radiation accident victims.
- Health Physics Coordinator for the Defense Nuclear Agency Advisory Team (DNAAT). Coordinated the health physics response to nuclear weapons accidents and incidents.
- Site Restoration Planning Cell Team Chief. Responsible for developing the Site Restoration Options Package for nuclear weapons accidents.
- Instructor for the Medical Effects of Nuclear Weapons Course. Presented lectures on the Human Radiation Exposure Experience, Medical Management of Internal Contamination, Cellular Radiobiology, and Radiation Pathophysiology.
- Health Physics Advisor for the AFRRI Emergency Response Team

4/86- 4/89

Radiation Health Officer, U.S. Navy Nuclear Submarine Tender
USS FRANK CABLE (AS-40), FPO Miami, FL 30869

- Manager of Radiation Protection and Personnel Monitoring Program aboard a nuclear-submarine tender. This program involved over 300 radiation workers.
 - Maintained Radiological Controls Indoctrination and Training programs.
 - Trained and supervised medical personnel in the areas of medical response to radiological casualties and contamination control.
 - Maintained the command's personnel dosimetry program which utilized LiF and CaF TLD's and film badges.
- Hospital Division Officer in charge of 20+ personnel. Responsibilities included job assignments and schedules, performance evaluations, promotion recommendations, transfer and discharge recommendations.

SUPPORT INFORMATION

RELATED TRAINING

- 1986 Radiation Health Officer School, Naval Undersea Medical Institute, Groton, CT
- 1989 Combat Casualty Care Course, FT Sam Houston, TX
- 1989 Medical Effects of Nuclear Weapons Course, AFRRRI
- 1989 Senior Officer Nuclear Weapons Course (SONAC), Interservice Nuclear Weapons School, Kirtland AFB, NM
- 1989 Pathological Effects of Ionizing Radiation, Armed Forces Institute of Pathology, Washington, D.C.
- 1990 Health Physics in Radiation Accidents Course, Radiation Emergency Assistance Center and Training Site (REAC/TS), Oak Ridge, TN
- 1991 Medical Management of Chemical Casualties Course, U.S. Army Medical Research Institute of Chemical Defense, Aberdeen, MD
- 1992 Internal Radiation Dosimetry, Skrabable Enterprises, Las Vegas, NV
- 1993 Joint Hazards Evaluation Center (JHEC) Senior Manager's Training Course, Interservice Nuclear Weapons School, Kirtland AFB, NM
- 1994 Certification Review Course for HPs - Part II, Skrabable Enterprises, Las Vegas, NV
- 1994 DOE Emergency Exercise Evaluator/Controller Training, Las Vegas, NV
- 1994 Diversity Training for Managers, Zweike Inc., Las Vegas, NV

PUBLICATIONS

Kerns, K.C. and Farrar, E.S. (1986) Streptozotocin Treated Bullfrogs Fail To Develop Insulin Deficiency. *Comp. Biochem. Physiol.* **4**, 765-769.

Kerns, K.C. (1985) Streptozotocin Effects on Bullfrog Tadpoles and Adults. Masters Thesis, Iowa State University, Department of Zoology 63pp.

Kerns, K.C. (1993) Lessons Learned from FRMAC-93 Exercise. DOE/NV Pub. 367, 43pp

Kerns, K.C., Smith, J.M., Blanchard, R.L., and Burson, Z.G. (1994) United States Federal Radiological Monitoring and Assessment Center, Evaluation and Assessment Methodology, Standards, and Procedures Handbook. Proceedings from the International Workshop on Scientific Bases for Decision Making After a Radioactive Contamination of an Urban Environment.