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NMS82

May 12, 2006

U.S. Nuclear Regulatory Commission-Region 1
475 Allendale Rd.
King of Prussia, PA. 19406-1415

RE: License number 45-15877-01 Amendment

Dear Sirs:

03009947

I am requesting an amendment to change the radiation safety officer for license 45-15877-01 (Eastern Virginia Medical School). Our current RSO/Director Environmental Health and Radiation Safety, Mr. LaMarr Beuchler, is retiring June 23rd, 2006 and we have hired a replacement for him, Mr. Courtney Kerr. Attached are Mr. Kerr's biographical sketch and a letter that describes his background and experience with radiation safety and the handling of radioactive materials. Mr. Kerr will begin employment at EVMS on June 7th and assume duties as the RSO on June 14th. Mr. Beuchler will overlap with Mr. Kerr during this period of transition to provide guidance and training to Mr. Kerr. Additionally, EVMS utilizes a local health physics consulting group to review and advise our radiation safety program; we will maintain this consulting relationship during this transitional period as well.

Please let me know if this requested amendment change is acceptable and whether you require any additional information.

Sincerely,

William Wasilenko, Ph.D.
Associate Dean for Research

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REGION 1
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NMSS/RGNI MATERIALS-002

Courtney Kerr

2977 Paseo Hills Way, Henderson Nevada 89052 • (702) 275-3483 • courtneykerr@gmail.com

May 11, 2006

William Wasilenko, Ph.D.
Associate Dean for Research
Eastern Virginia Medical School,
721 Fairfax Avenue
Fairfax Hall, Suite 512
Norfolk, Virginia 23507
(via email to wasilewj@evms.edu)

Subject: HEALTH PHYSICS – BACKGROUND INFORMATION

Dear Dr. Wasilenko:

In January of 1990, I began working for Reynolds Electrical & Engineering Company, the prime contractor to the Department of Energy's (DOE) Nevada Test Site (NTS). The NTS is a 1,250 square mile facility that held over 1,000 nuclear weapons tests, both above ground until 1962 and below ground until 1992. During my employment with Reynolds Electrical, I began my health physics training and experience.

Radio-Chemist

I worked in a health physics laboratory that supported the weapons testing program and related radiation safety. This included bio-assay and environmental surveillance samples. I worked with various materials, including but not limited to ³Hydrogen, ⁸⁹Strontium, ⁹⁰Strontium, ²³⁸Plutonium, ²³⁹Plutonium, ²³⁸Uranium and "Fission Products." Fission Products is a collection of the various isotopes generated from a fission event. The isotopes vary in concentration and activity, dependant on the design of the device.

In 1990 I completed a five-day "Basics of Health Physics" course that included information on atomic structure, types of ionizing radiation, units of measure, biological effects, dosimetry, ALARA, detection instruments and time, distance & shielding.

Radioactive Waste Management Specialist

This position initially had me working at the NTS Area 5 Waste Management Facility. A variety of wastes are managed there: low level radioactive, transuranics, low level high-activity and low level mixed waste. These wastes were generated at the NTS or shipped to the NTS from other DOE facilities. My work included supervising the intake and management of radioactive wastes. The isotopes and activities handled varied greatly, as the waste materials were from various DOE facilities.

After approximately nine months at the Area 5 facility, I was transferred to Area 12 of the NTS, to support the Department of Defense/Defense Nuclear Agency activities. These activities centered on horizontal line-of-sight underground drifts that were used for testing of tactical nuclear weapons, usually not exceeding five kilo tons equivalent. I was tasked to initiate a facility wide radioactive waste management program to characterize, package, transport and

dispose of all low level and low level mixed waste generated at the NTS. This had me working with ^{238}Pu , ^{239}Pu , ^{235}U , ^{238}U and post-event with Fission Products. During this time I also supported the weapons testing program through the Lawrence Livermore and Los Alamos national laboratories. These yields of these events were approximately 120 to 150 kilo tons equivalent.

Environmental Compliance Officer

I continued working on the radioactive waste management program for wastes generated at the NTS. This had me working primarily with Fission Products, ^{235}U , ^{238}U and occasionally ^{241}Am . My work included the characterization and profiling of radioactive wastes. This was accomplished through physical inspection of the waste, portable instrument surveys, sample collection & counting. I would take the information gathered through this process and calculate activities and from this I would develop work plans for managing the wastes. A notable project that I worked on was the disassembly of high yield strategic nuclear device.

In 1993 I completed a DOE Radiological Worker II training program. This training included materials on radiation, units of measure, biological effects, types of effects, dose limits & controls, risk, external dosimetry, internal dosimetry, dose reporting, contamination control, posting & work permits and basics of radiological emergencies.

I also completed a five-day "Fundamentals of Radiological Health Physics" course offered by the DOE and instructed by Kenneth Skrable, Ph.D. This course included in-depth content on the process of ionization, biological effects, contamination control and dosimetry.

From 1994 to the present, I have been employed with the University of Nevada Las Vegas (UNLV) in the Environmental Health & Safety Department. UNLV has a Broad-Scope Part B license through the State of Nevada. In the past I have been the Alternate Radiation Safety Officer and have assisted the Radiation Safety Officer (RSO) and staff during times of low staffing and high work load. My work included dosimetry, instrument calibration, surveys, spill response, decontamination and other administrative duties as needed. The isotopes handled include ^3H , ^{32}P , ^{33}P and ^{239}Pu . The check sources and calibration sources vary as needed, but did include a neutron source (PuBe) of approximately 2 curies.

In 2002 I completed a five day "Radiological/Nuclear Course for Hazardous Materials Technicians" offered by the National Nuclear Security Administration. This course included information on radiation, biological effects, detection, dosimetry and decontamination.

I hope this information is useful; if additional information or details are needed, please don't hesitate to contact me.

Sincerely,


Courtney Kerr, CEM, CHMM

Courtney Kerr

2977 Paseo Hills Way, Henderson Nevada 89052 • (702) 275-3483 • courtneykerr@gmail.com

CAREER PROFILE

- Managed comprehensive environmental health and safety programs
- Developed and implemented radioactive materials management programs
- Supervised a multi-million dollar portfolio of environmental & safety projects

Experienced As: • Alternate Radiation Safety Officer • Radiation Worker
• Environmental Manager • Project Manager

Areas Include: • National Laboratory • Higher Education
• Department of Energy Facilities • Chemical Manufacturing

Credentials: • Radiological/Nuclear Course for Hazardous Materials Technicians (NNSA)
• Radiological Worker II (DOE)
• Fundamentals of Radiological Health Physics (K. Skrable)
• Basic Health Physics (DOE)
• Department of Energy "Q" security clearance, 1990 – 1995

Education: • Bachelor of Science in Chemistry & Biology, Chapman University

PROFESSIONAL EXPERIENCE

University of Nevada Las Vegas	Assistant Director, EH&S Hazardous Materials Safety Officer Hazardous Materials Specialist	2004 to present 1995 to 2004 1994 to 1995
Reynolds Electrical & Engineering Co., Inc. (Department of Energy, Nevada Test Site)	Environmental Compliance Officer Radioactive Waste Mgmt Specialist Radio-Chemist	1992 to 1994 1990 to 1992 1990 to 1990
Air Products and Chemicals, Inc.	Facility Supervisor	1988 to 1990
Crosby Laboratories, Inc.	Chemist	1986 to 1988

- Directed and supervised professional, technical, clerical and craft employees
- Managed resource allocation, integration and optimization
- Designed and implemented radioactive waste management programs
- Alternate Radiation Safety Officer for a State of Nevada Broad-Scope Part B License
- Handled and directed the use of various isotopes of Hydrogen, Phosphorus, Plutonium, Strontium, Uranium and assorted fission products
- Managed the operations of Part-B RCRA facilities including low-level radioactive waste management
- Conducted and concluded regulatory interface, negotiations, collaboration and compliance
- Planned and implemented efficient remediation of uncontrolled hazardous waste sites
- Emergency response management (radiological, chemical, fire & threat)
- Underground explosives & blasting safety and permitting
- Supported and assisted with nuclear weapons testing and related radiation safety

This is to acknowledge the receipt of your letter/application dated

5/12/2006, and to inform you that the initial processing which includes an administrative review has been performed.

Amend. 45-15877-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 138846.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.