



DEPARTMENT OF THE ARMY
U.S. ARMY COMBAT CAPABILITIES DEVELOPMENT COMMAND
ARMY RESEARCH LABORATORY
2800 POWDER MILL ROAD
ADELPHI, MARYLAND 20783-1138

September 24, 2019

Ms. Anne DeFrancisco, Acting Chief
Commercial, Industrial, R&D and Academics Branch
US Nuclear Regulatory Commission, Region 1
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2716

Dear Ms. DeFrancisco,

We are happy to announce that the U.S. Army Combat Capabilities Development Command (CCDC) Army Research Laboratory (ARL) has recently hired Mr. Dan Hamilton to serve as the Radiation Safety Officer (RSO) for ARL at our Aberdeen Proving Ground (APG) location. This will include serving as the RSO for our two NRC licenses, 19-12056 and SMB-141. Please find his resume attached.

Mr 19-12056-02

The ARL intentionally searched to locate someone with the extensive knowledge, skills, abilities, and experience necessary to "hit the ground running" managing NRC licenses as well as the remaining radiation safety program. We expect Dan will be starting at ARL October 13, 2019, and we hope he can begin serving as the RSO for the NRC licenses at that time.

Therefore, we hereby request our two licenses be amended to specify Mr. Dan Hamilton as the new Radiation Safety Officer (RSO) for our two licenses. We have greatly appreciated your patience and flexibility on this matter. The points of contact for this action are Mr. Michael Borisky, ARL Corporate Health Physicist, 301-394-6310, and Mr. Chris Morrone, ARL Occupational Safety and Health Manager, 301-394-6304. They can be reached on email using michael.j.borisky.civ@mail.mil and christopher.j.morrone.civ@mail.mil.

J. SCOTT ADAMS
Deputy Chief of Staff
Laboratory Operations

REC'D IN LAT 10-16-19

NMSS/RGN1 MATERIALS-002

Br. 2

*SMB-141
04006394*

*19-12056-02
03004555*

616199

616200



Citizenship: United States of America
Veterans Preference: 10-Point
Date Available to Start Position: Immediate

PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.

Qualifications Summary

Qualified Health Physicist/Radiation Safety Specialist with 22 plus years' supervisory experience in medical, military, academic and research facility licensed radioactive material programs. Manager of seven separate Health Physics programs where I prepared and secured the regulatory renewals of four major Nuclear Regulatory Commission (NRC) licenses to include two NRC licenses of broad scope, a mega Curie Cobalt 60 large pool irradiator facility, a Research University's self-shielded irradiator license; and the renewals of three U.S. Army Radiation Authorizations at military organizations using radioactive sources overseas. Experienced Laser and Radiofrequency Non-ionizing Radiation Safety Officer. Holder of National Registry of Radiation Protection Technologists (NRRPT) certification. Exceptional experience in supervising a diversity of civilian, military and contractor personnel in support of radiation safety programs. Highly skilled in performance of radiation program audits, report writing, radiation safety training, dosimetry, radiation contamination surveys, ionizing radiation devices compliance surveys, license compliance activities, laboratory safety, industrial radiation safety, laser safety, biological safety, and high-energy irradiator safety compliance. An inspirational leader with a proven track record of performance-driven results and a deep commitment to the value of "teamwork."

- Program Management
- Operations
- Inspections/Audits
- Radiation Safety Officer
- Leadership
- Team builder
- Health Physics surveys
- Instructor/Trainer
- Analytical solutions

Professional Accomplishments

Combat Capabilities Development Command, Aberdeen Proving Ground, MD
Present

4/2019 to

Safety Office
week

40 hours per

6662 Gunners Circle, Bldg. 3073

\$119,000/year

Aberdeen Proving Ground, MD 21005-5201

Supervisor: Jacqueline Bartel, Phone: 410-306-3600

Command Radiation Safety Officer, GS-1306-13

- Senior Health Physicist providing expert level guidance to a U.S. Army major subordinate command's organizational Radiation Safety Program, overseeing health physics practices and procedures, laser safety, ionizing and non-ionizing radiofrequency and microwave radiation safety programs and providing corporate level radiation safety audits and radiation license reviews to eight geographically separate U.S. Army Research and Development Centers and Laboratories. Developed radiation safety policy and guidelines for the newly established Command and conducted inspections at subordinate Command's Radiation Safety Program through the Organizational Inspection Program (OIP) process and team site visits. Assisted the newly established higher headquarters of U.S. Army Futures Command by providing organizational radiation safety summary reports and

program compliance status data on CCDC Centers and Labs. Conducted reviews of radioactive material license activities governed by the Nuclear Regulatory Commission, Army Radiation Authorizations, and Army laser and radiofrequency non-ionizing radiation safety requirements. Investigated and reported incidents of regulatory non-compliance.

**Walter Reed National Military Medical Center, Bethesda, MD
4/2019**

6/2015 to

Department of Health Physics
week

40 hours per

8901 Wisconsin Ave

\$125,000/year

Bethesda, MD 20889-5600

Supervisor: Kevin Allen, Phone: 301-319-8905

May be contacted

Radiation Safety Officer, GS-1306-14

- Radiation Safety Officer and senior Health Physicist providing expert level guidance in the broad practice of health physics, laser safety and ionizing radiation safety and directing the activities of the Operations Health Physics Branch and Technical Services and Licensing Branch of the Medical Health Physics Department. Managed the medical Laser and Radiofrequency non-ionizing radiation safety program. Assisted in the seamless transitioning from a Navy Radioactive Permit to a Nuclear Regulatory Commission license of Broad scope at the National Military Medical Center.
- Developed, updated, implemented, and ensured compliance with methods and procedures pertinent to each of the Program's functional areas to include operational health physics administrative procedures, regulatory compliance in the use of various brachytherapy sources (High Dose afterloader, Low dose seed therapy, and radioiodine therapies, radiation safety training of staff and health physics personnel, and dosimetry programs.
- Supervised a staff of civilian and military health physics personnel in performing medical Radiation Safety Program duties under an NRC Broad scope Radioactive Material license. Serving as team lead for the Medical Center's Radiological Emergency Support Team augmenting first receivers receiving radiological contaminated patients.

**Pentagon Force Protection Agency, Washington, DC
5/2015**

5/2013 to

Chemical Biological Radiological Nuclear and Explosives (CBRNE) Directorate
week

40 hours per

9000 Defense Pentagon

Washington, DC 20310-9000

Supervisor: Vicente R. Tur-Rojas II, Phone: 703-692-0459

May be contacted

Chief, Chemical, Biological and Radiological Sensors Division/ Radiological Defense Officer
Lieutenant Colonel, U.S. Army

- Lead a team of 10 engineers, systems specialists, and technical maintenance experts in the deployment, operability, and force protection use of a highly specialized network of 1000 plus chemical, biological and radiological detection sensors emplaced throughout the Pentagon; a key asset to National Defense.

- Spearheaded an organizational level Working Group to develop and implement a comprehensive and integrated Contingency Operations guidebook for reference in responding to an Agency wide chemical, biological or radiological hazard incident. The guidebook was adopted by the Office of Emergency Management and incorporated into the overall Consolidated Emergency Management Plan for the Pentagon.
- Analyzed historical performance data of the Radiological Sensor Network and identified trends impacting the reliability and operability of radiation sensor systems – used the information to institute several network wide solutions which improved performance of detection in radiological events occurring at key security access points to the Pentagon.
- Provided training in radiological threat detection, force protection and emergency response actions to over 300 Pentagon Police Force officers, two Chem-Bio-Rad Responder teams, and a Hazardous Devices Response team.

**U.S. Army Public Health Command, Aberdeen Proving Ground (APG), MD
4/2013**

6/2011 –

Headquarters

40 hours per

week 5158 Black Hawk Road

APG, MD 21010-5403

Supervisor: Colonel Dennis C. Brown, Phone: 410-436-2304

May be contacted

Director of Operations

Lieutenant Colonel, U.S. Army

- Supervised an Operations Team of 12 federal Civilians and Military personnel in the management of a world-wide Army Public Health Organization supporting over 3000 personnel in the training and readiness and implementation of preventive medicine and health programs.
- Developed a team of Operations specialists among the five reporting organizations under the Army's Public Health Command Headquarters and standardized procedures in the coordination and transfer of administrative information between all units in the organization.
- Conducted team inspections of reporting organizations comparing them to published Army standards for unit readiness and management best practices.

**U.S. Army Central Command, Camp Arifjan, Kuwait
5/2011**

4/2010 –

Forward Command Headquarters

40 hours per

week Camp Arifjan

APO, AE 09366

Supervisor: Colonel Dennis C. Brown, Phone: 410-436-2304

May be contacted

Command Radiation Safety Officer

Lieutenant Colonel, U.S. Army

- Provided subject matter expertise in radiation health physics and instituted safety procedures for the active management, waste disposal records and disposition of all radioactive commodities (Army equipment) in the Army Theater of Operations in Iraq, Kuwait, Saudi Arabia and Qatar.

- Coordinated actions to safely collect and ship overseas all retrograde equipment containing radioactive components that were received into the Theater Retrograde Center from outgoing Army units leaving their Area of Operations.
- Conducted studies and analysis of the use of X-radiation and gamma ray producing cargo surveillance vehicles used in Force Protection activities at forward base entry points in Iraq. Developed a Safety Procedure Policy for use of these systems to protect personnel from unnecessary exposures to radiation from these systems.

**U.S. Army Public Health Command, Aberdeen Proving Ground (APG), MD
3/2010**

1/2008 –

Director of Occupational Health Sciences

40 hours per

week 5158 Black Hawk Road

APG, MD 21010-5403

Supervisor: Ms. Donna Doganiero, Phone: 410-436-4171

May be contacted

Chief, Health Physics Program

Lieutenant Colonel, U.S. Army

- Supervised staff of 18 civilian and military Health Physicists, scientists, and radiation health technologists in providing world-wide radiation health and safety support to the United States Army and other Federal Agencies.
- Developed and executed highly visible initiatives that reduced the impact of exposure to radiological stressors to soldiers and federal workers.
- Secured \$600,000 in funding from the Army Studies Program used for the research and development of a depleted uranium soils study. The study enhanced the knowledge base on health risks to soldiers associated with depleted uranium in affected environments. A part of the funding was used to create an automated database in support of reconstructing radiation dose to Veterans involved in early testing of nuclear devices or other occupational activities that incurred exposure to radiation or radioactive materials.
- Directed a team of Health Physicists in the execution of a broad range radiation dose monitoring study with the Transportation and Security Administration (TSA), Department of Homeland Security. Data analysis from the study showed that TSA ionizing radiation devices monitoring operations at six international airports were in compliance with federal safety standards and kept below the radiation exposure limits set for the public safety.

**Uniformed Services University of the Health Sciences, Bethesda, MD
12/2007**

7/2004 –

Director of Environmental Health and Safety

40 hours per

week 4301 Jones Bridge Road

Bethesda, MD 20814-4712

Supervisor: John Pomerville, Phone: 301-295-3305

May be contacted

Deputy Director, Environmental Health and Safety/Radiation Safety Officer

(2007: Radiation Safety Officer, Armed Forces Radiobiology Research Institute, Bethesda, MD)

- Provided expert level guidance in the broad practice of health physics, laser safety and ionizing radiation safety and directed the activities of the Radiation Health Physics Division of the Safety and Health Department; formulated and implemented its health physics/radiation safety programs. Completed a renewal of the

University's Nuclear Regulatory Commission License of Broad scope and developed a security compliance program for high energy radioactive sources of concern used at the research facility.

- Developed, updated, implemented, and ensured compliance with methods and procedures pertinent to each of the Program's functional areas to include operational health physics administrative procedures, regulatory compliance, training, and environmental impact analysis.
- Supervised a diverse staff of civilian and military health physicists and technicians to perform Radiation Safety Officer (RSO) duties under the two separate Broad scope Radioactive Material licenses, a TRIGA Research Nuclear Reactor license and mega Curie Cobalt Pool Irradiator NRC license all governing the possession and use of specialized radioactive sources used at the University and at the Armed Forces Radiobiology Research Institute. Key advisor to the Director of the TRIGA Reactor Facility on radiological safety issues.

Education

Master of Science in Environmental Health Sciences (Radiological Health), University of Michigan, Ann Arbor, Michigan 48109, [REDACTED]

Bachelors of Science in Radiologic Technology, Midwestern State University, Wichita Falls, Texas 76308, [REDACTED]

Training

2019 Laser/Radiofrequency Radiation Hazards Course
2016 Medical Laser Safety Officer Course
2010 Transport of HAZMAT/Radioactive Material Course (88-hrs)
2006 Co60 Large Pool Irradiator Training (met 10CFR36, NUREG 1345 requirements)
2005 Biosafety Level 3 Course
2003 Transport of Biological Material Course
2003 Radioactive Materials Safety Handling Course
2002 Chemical Biological Radiological Nuclear Explosive (CBRNE) Trainer Course
1996 Preventive Medicine Management Course
1996 Medical Effects of Nuclear Weapons Course
1996 Medical Management of Chemical & Biological Casualties

Certifications

National Registry of Radiation Protection Technologists (NRRPT), 02/2006
Part I, American Board of Health Physics exam, 2005

Professional Societies

Health Physics Society, Plenary Member 1994-Present

PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.