



Member of the SNC-Lavalin Group

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August 13, 2021

Licensing Assistance Team
Division of Nuclear Materials Safety
US Nuclear Regulatory Commission, Region 1
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

RE: License 41-35572-01

Dear Sir or Madam:

Atkins Nuclear Secured (NS) is submitting this amendment request for License 41-35572-01 for consideration and approval by the NRC. Atkins NS is hereby notifying the NRC that the Radiation Safety Officer, Mr. Dave Hall, is retiring effective immediately, and that we have selected Mr. Tom Shoemaker as the replacement for Mr. Hall. Atkins NS has designated Mr. Shoemaker as the primary Radiation Safety Officer for the license, pending NRC approval of the license amendment.

Mr. Shoemaker has over 30 years of applied health physics experience as a Radiation Protection Manager, Radiological Engineer, Project Manager for decommissioning projects and a Radiological Control Manager in the Department of Energy sector and for Naval Reactors. Mr. Shoemaker's resume has been provided as Attachment 1. The resume includes a summary of Mr. Shoemaker's experience in performing duties like those required of the Radiation Safety Officer for this license. Mr. Shoemaker has extensive experience supervising radiation safety operations for all the radionuclides that Atkins NS may encounter under this license.

The RSO has been delegated and approved by Atkins NS executive management by memorandum, see Attachment 2. A revised organizational chart for the Radiation Protection organization is provided as Attachment 3.

Atkins NS is requesting the approval and issuance of an amendment for License 41-35572-01 to identify Mr. Tom Shoemaker as the Radiation Safety Officer and incorporate Attachments 2 and 3 into the license as appropriate.

REC RG 10823 21 0941

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This amendment is being submitted electronically and by mail. If you have any questions regarding this request or the license, please contact Mr. Tom Shoemaker at (509) 521-3105 or me at (865) 335-8132.

Sincerely,



James Bolon
Senior Vice President

Attachments:

- T. Shoemaker Resume
- Radiation Safety Officer Assignment Letter
- Atkins NS Radiation Safety Organization Chart

Tom Shoemaker

Radiological Controls Manager Energy (Nuclear)

Profile

30 years of distinguished experience in radiological management and oversight for Naval Reactors and DOE/NRC sites. Qualifications include 8 years as Nuclear Operations and Radiological Control Manager at Hanford WA.

Experience also includes responsibility for submarine fleet and auxiliary ship nuclear work management and oversight. Demonstrated exceptional oversight of radiological work on nuclear-powered ships within shipyard. Post-Navy experience includes mentoring, coaching, and managing up to 200 personnel including fieldwork supervision, management, and oversight in nuclear and non-nuclear environments.

Key experience

- Qualified as Radiological Controls Manager
- Decontamination and decommissioning experience
- Conduct of Operations mentor and coach for 6 DOE and NRC sites.

Profession

Radiological Controls Management

Work History

2021 - Joined Atkins

1998 – 2021 DOE/NRC sites

1978 – 1998 US Navy

Qualifications

A recognized expert in establishing and implementing Radiological Controls (10 CFR 835), Conduct of Operations (DOE O 422.1), Startup and Restart of Nuclear Facilities (DOE O 425.1D), Training (DOE O 426.2), Conduct of Maintenance, Conduct of Engineering, Quality Assurance and Safety Basis Management (10 CFR 830).

Has extensive experience in the interpretation and execution of Federal regulations.

Experience

Atkins [2021-Present] Radiation Safety Officer for Atkins Global NS; member of Independent Performance Assurance Team for Atkins NS reviewing nuclear work at Atkins work sites.

Tradewinds Services/NET, LLC - Conduct of Work Mentor, CHPRC, Hanford, WA – Primary Conduct of Work Mentor at the Hazard Category (2) 324 Building Disposition Project and at a Radiological Facility (ERDF) in maintenance, operations and radiological controls during routine operations and unusual events. Significantly improved conduct of pre-job briefings and work execution. Maintains excellent rapport with senior management, supervision, and workforce. Superlative working relationship with DOE Facility Representatives.

Senior Supervisory Watch (SSW) for environmental disposal facility, D&D activities, and hazardous energy control (lock and tag). Specifically requested by 324 Building Project Management to be SSW for high-risk activities involving radiological controls, hazardous energy control and infrequently performed operations.

Assisted the Lead Conduct of Work Mentor with training and mentoring of peer Conduct of Work mentors.

National Security Site [2016-2017] Performance Assurance Principal Project Manager – Primary Conduct of Work Reformed critique process for Managing and Operating Contractor, re-established credibility in investigating events and issues; increased rigor in causal analyses by establishing qualification programs for critique leaders and root cause analysts.

Enhanced Aviation Safety Program by being first in Safety Program to certify as Remote Pilot on Small Unmanned Aerial Systems (SUAS) at the NNSS.

DOE Complex-Variou Locations [2006-2016] Conduct of Operations Mentor and Coach – Senior Supervisory Watch for environmental disposal facility, resumption of D&D activities, maintenance of the nation's nuclear stockpile, tank waste remediation, and DUF6 facility start-up.

Principal corrective action management expert for Sandia National Laboratory's restart of Rocket Sled Track and Energetic Materials Operations, pursued over a three-year period and culminating in successful restart of important mission relative to nuclear stockpile maintenance.

Coached and mentored personnel at a new start-up Hazard Category 3 facility (DUF6 Paducah, KY) in maintenance, operations, and radiological controls. Commended by DOE Operational Readiness Review Team Lead as having developed the "best Conduct of Operations he had ever seen".

Hanford Area, WA-Staff (1998-2006) Nuclear Operations and Radiological Controls Manager – Director, Tank Farms Shift Operations/Manager, Waste Management Services/Manager, Tank Farms Radiological Controls/Radiological Engineering for D&D of Cold War Era DOE facilities. Highlights include:

Managed Radiological Controls organizations at Tank Farms including waste tank characterization project and waste transfer groups, as well as all facilities' radiological support. Acted as overall company Radiological Controls Director during the Hanford fire of 2000, receiving commendation from CH2M HILL Executive Management for leadership.

Assigned as manager of a poorly performing Waste Management organization at Hanford Tank Farms; motivated staff and workforce to become a top-level group. Cleaned up multiple legacy radioactive low-level and radioactive mixed waste sites. Developed new approach to package and transport for treatment of long-length highly contaminated equipment removed from underground waste tanks. This new approach completely eliminated radioactive contamination exposure risk to workforce who had been size-reducing these 40-foot-long items in the field.

Military Service – US Navy (1978-1998) – United States Navy: E-1 – O-4, Naval Reactors Representative's Assistant, Norfolk Naval Shipyard; Reactor Mechanical Assistant and Engineering Officer of the Watch, USS NIMITZ; Nuclear Propulsion Plant Operator, ELT, Nuclear Repair Officer and Watch officer on SSNs, AS, and CGN.

Duties included supervision and management of up to 150 enlisted crew members, senior enlisted personnel, and junior officers in the operation of multiple reactors onboard 7 deployed combatant vessels.

Assumed leadership of submarine tender (AS) radiological control division performing critical work on two submarine squadrons berthed units leading up to an Indian Ocean deployment. Noted for significantly improving performance of the ship during Radiological Control Practice Evaluations both pre-deployment and while deployed.

Nuclear repair and decommissioning officer of CGN-9. Reactor Mechanical Assistant on CVN during multiple deployments to support national interests while preparing for first-in-class refuelling of CVN-68 class aircraft carrier including performing all required pre-overhaul testing while in a deployed or ready-to-deploy status. Specifically commended by Naval Reactors (R. Soo) for innovative approach to minimizing primary valve leakage during plant heatup.

Assisted NRRO field office Radiological Control Assistant with performing oversight of shipyard and IMA radiological work at naval operations base. Primary Joint Test Group member for 17 nuclear ship availabilities.

Education

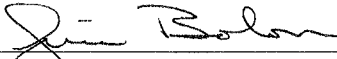
Excelsior College, Albany, NY, BS – Management
Naval Nuclear Power School
FAA Certified Commercial Pilot/Flight instructor/remote pilot

MEMORANDUM

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Date: August 13, 2021
To: File
From: Jim Bolon, Senior VP of Field Operations
Subject: Delegation of Authority – Radiation Safety Officer

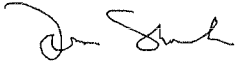
Mr. Dave Hall, Atkins Global NS Radiation Safety Officer (RSO), is retiring effective immediately. Thomas A. Shoemaker has been appointed as the RSO and is responsible for ensuring the safe and secure use of radioactive materials at Atkins NS field projects. Mr. Shoemaker is responsible for managing the Radiation Protection Program, identifying radiation protection problems, initiating, recommending, or approving corrective actions, verifying implementation of corrective actions, stopping unsafe activities and ensuring compliance with applicable regulations. Mr. Shoemaker has been delegated the authority necessary to meet these responsibilities, including prohibiting the use of radioactive materials by employees who do not meet the necessary requirements and shutting down operations, when justified, to maintain radiation safety. Mr. Shoemaker is also required to notify Atkins NS management if staff does not cooperate and does not address radiation safety issues and is free to raise issues with the US Nuclear Regulatory Commission at any time as necessary.



Jim Bolon, Senior VP of Field Operations

August 13, 2021
Date

I have accepted the above responsibilities,



Thomas A. Shoemaker

August 13, 2021
Date

cc: Thomas A. Shoemaker

Atkins Nuclear Secured

Organizational Structure

