

Johari Aziza Moore

Statement of Professional Qualifications

Environmental Project Manager
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
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Education:

University of Michigan/Ann Arbor, MI
Major: Nuclear Engineering and Radiological Sciences
August 2003-April 2005
Degree Obtained: Master of Science in Engineering

Relevant Graduate Courses: Nuclear Waste Management, Radiation Biology, Radiological Health Engineering Fundamentals, Radiation Shielding Design with MCNP, Nuclear Instruments and Measurements Lab, Applied Radiation Dose Assessment, Radiation Safety and Medical Physics Practicum, Industrial and Environmental Hygiene, National Science Policy

Florida Agricultural & Mechanical University/Tallahassee, FL
Major: Physics
September 1999-May 2003
Degree Obtained: Bachelor of Science

Certifications: Environmental Project Manager, USNRC, 2013; Contracting Officer's Representative, Level II, Federal Acquisition Institute, 2010

Relevant Work Experience:

U.S. Nuclear Regulatory Commission

May 2006 - Present

Division of Waste Management and Environmental Protection
Environmental Review Branch

Environmental Project Manager (PM):

Environmental Review Lead PM: Ross In Situ Uranium Recovery (ISR) Project Supplemental Environmental Impact Statement (SEIS); JAB-Antelope ISR Project Draft SEIS; Willow Creek ISR Project License Renewal Environmental Assessment (EA); Pa'ina Irradiator Supplemental EA; Global Nuclear Fuel-Americas Fuel Fabrication Facility License Renewal EA; Westinghouse Electric Company Columbia Fuel Fabrication Facility License Renewal EA; Decommissioning Planning Rulemaking EA

Environmental Review Co-PM: International Isotopes Depleted Uranium De-Conversion and Fluorine Extraction Processing Facility Draft EIS; Willow Creek ISR Project Operations Restart EA

Environmental Technical Reviewer: Dewey-Burdock ISR Project SEIS; Lost Creek ISR Project SEIS; Nichols Ranch ISR Project SEIS; Moore Ranch ISR Project SEIS; Homestake Mining License Amendment EA; Hematite Decommissioning EA; Halliburton Exemption Request EA; RMD Operations LLC Water Treatment Facility Draft EA

Ongoing PM Activities: Reviews revisions to NUREG-1748; Develops annual reports to the Council on Environmental Quality (CEQ); Develops Knowledge Transfer Plan for Environmental Review Branch; Develops guidance on developing supplements to NUREG-1910, preparing license renewal EAs, and evaluating contractor proposals for environmental reviews; Working Group member for IAEA Draft Safety Guide on Radiological Environmental Impact Analysis for Activities and Facilities; Trains and mentors junior staff on conducting NEPA analyses; Plans and coordinates site visits and meetings with local, State, and Federal agencies and Native American tribes related to environmental reviews; Presents on environmental review processes at meetings with Federal, State, and Industry counterparts

Environmental Engineer (Nuclear Safety Professional Development Program, 2006-2008): Completed a three-month rotation to USNRC Region-III (Participated in licensing and decommissioning inspections at three nuclear materials facilities and in several inspections during an outage at Fermi Nuclear Power Plant, Unit 2); Completed a three-month rotation to USNRC Office of Nuclear Reactor Regulation (Supported licensing and hearing support tasks associated with the Watts Bar Nuclear Power Plant)

Technical Project Manager/Contracting Officer's Technical Representative/Contracting Officer's Representative (COR): Develops Statements of Work; Develops Independent Government Cost Estimates; Manages contractors in the preparation of SEISs and EAs; Prepares evaluations of contract proposals; Provides technical direction to contractors; Monitors contractor performance and spending; Supports budget planning and funds allocations; Chaired Source Evaluation Panel for contract valued at ~\$6M; USNRC COR for base contract with 30 task orders valued at ~\$17M

Bechtel Bettis, Inc.

July 2005-March 2006

Environmental Policy, Planning, and Analysis Group

Engineer: Developed environmental assessment documents required by NEPA to support NASA and US NAVY projects; Supported revision of documents on spent fuel radioisotopic inventories and preclosure criticality in Yucca Mountain as part of the Yucca Mountain License Application; Performed dose assessments for various accident scenarios to support the Emergency Control Center; Conducted training sessions for employees on nuclear safety and health physics fundamentals

University of Michigan

Radiological Health Engineering (RHE) Laboratory

October 2003-May 2005

Graduate Student Research Assistant: Conducted independent research project entitled "Radon Chamber Design for Determining Effects of Radon Exposure on Thermoluminescent Detectors, Radon Detector Calibration, and Laboratory Instruction;" Co-Authored "A Simple Radon Chamber for Educational Use" published in Operational Radiation Safety, Supplement to the Health Physics Journal (Vol. 89, No. 5 November 2005); Developed and implemented a laboratory experiment performed by graduate students as part of a new graduate level course; Worked with RHE Laboratory Director to develop experimental procedures; Presented progress reports on research to RHE Laboratory personnel; Researched and purchased new research equipment for RHE Laboratory

Project Manager: Organized and managed two research projects performed by undergraduate students; Trained new students on experimental concepts and procedures; Served as a liaison between undergraduate students and RHE Laboratory Director

Department of Energy**June 2002-August 2002**

Office of Defense Nuclear Nonproliferation

Office of International Nuclear Safety and Cooperation

Office of International Emergency Management

Summer Intern: Conducted research (Radiation dose limit regulations; Effects of radiation poisoning; Proper storage of radioactive sources; "Orphan" sources; Radiation Dispersal Devices); Edited and reviewed documents (Arctic Monitoring and Assessment Programme documents; International "orphan" source public awareness brochure draft; Proposals from foreign governments detailing needs for protection and management of nuclear and radioactive materials; Bilibino Nuclear Power Plant Emergency Tabletop Exercise Overview)

Awards and Honors: USNRC Performance Award (2014, 2013, 2011, 2010, 2009, 2007, 2006); USNRC Team Special Act Award (2009); USNRC Group Award (2008); University of Michigan Distinguished Leadership Award Nominee (2005); University of Michigan Rackham Merit Fellowship (2003); Florida A&M University Deans List (1999-2003); Florida A&M University Distinguished Scholars Award (1999); National Achievement Scholar Finalist and Award Winner (1999)