

David H. Brown
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SPECIALTY AREAS:

- Computer software quality assurance
- Quality assurance program development
- Assessment (includes QA audits, operational readiness reviews, and supplier surveys)
- Conduct of operations
- Nuclear safety
- Root Cause Analysis
- Employee Concern Investigation

SUMMARY OF QUALIFICATIONS

- Forty years total nuclear industry experience
- Twenty years experience in nuclear quality assurance and nuclear safety with the U.S. Department of Energy (DOE) at the Hanford Site
- Certified by DOE as audit/assessment team leader in accordance with NQA-1, *Quality Assurance Program Requirements for Nuclear Facilities*
- Co-author of DOE quality assurance and assessment guides, DOE G 414.1-1A and DOE G 414.1-2A
- Key participant in responding to Defense Nuclear Facilities Safety Board 2002 Recommendation on nuclear facility computer software quality assurance
- Operational Readiness Review Team Leader at the Hanford Site including:
 - Plutonium Finishing Plant MgOH process startup
 - Tank Farms Rotary Mode Core Sampling operation startup
 - Return of waste tank 101-SY to service
 - 702-AZ Ventilation System
- Chair, Type B Accident Board of Investigation for two accident investigations; Certified Accident Investigator for one accident investigation
- Trained in a variety of root cause analysis methodologies, including MORT and REASON®

RELEVANT SKILLS

Assessment

- Demonstrated skills in assessment of computer software quality assurance, nuclear quality assurance, nuclear safety, and industrial safety
- Management skills in leading assessment, accident investigation, and operational readiness review teams of various sizes

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Knowledge of Nuclear Activities and Management Processes

- Assessments of all facets of nuclear operations at the Hanford Site produced results deemed valuable by DOE and contractor management
- As Reactor Plant Chief Test Engineer for refueling overhauls of nuclear submarines, demonstrated ability to integrate technical and management capabilities

EMPLOYMENT HISTORY

2011	North Wind, Inc., Computer Software Quality Assurance Assessor (Contractor)	Idaho Cleanup Project
2009-2011	Longenecker and Associates, Quality Assurance Engineer and Assessor/Auditor (Contractor)	U.S. Department of Energy, Richland Office of River Protection
2004-2009	Project Assistance Corporation, Quality Assurance Engineer and Assessor	U.S. Department of Energy, Richland Office of River Protection
2005	Student Teacher, High School Physics	Washington State University / Pasco High School
1986-2004	General Engineer / Quality Assurance Engineer / Nuclear Engineer <ul style="list-style-type: none">• Certified Lead Auditor• Project Manager for Submarine Reactor Disposals• Accident Investigation Chair• Operational Readiness Review Lead	U.S. Department of Energy, Richland Operations Office and the Office of River Protection
1971 – 1986	Reactor Plant Chief Test Engineer / Shift Test Engineer / Inactivation Project Engineer / Supervisor of Test Procedure Development	Pearl Harbor Naval Shipyard

EDUCATION

- State University of New York Maritime College, Fort Schuyler, Bronx, NY; Bachelor of Science, Nuclear Science, 1971
- Washington State University, Tri-Cities; Coursework leading to teacher certification with endorsement in physics, 2003 - 2005

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Awards and Recognitions

- Federal Employee of the Year, Honolulu-Pacific Federal Executive Board, 1978

Licenses and Certifications

- NQA-1 Lead Auditor (current)
- US Department of Energy Certified Accident Investigator (not current)
- United States Coast Guard merchant marine license, Third Assistant Engineer, Steam and Motor Vessels, Oceans, Any Gross Tons (not current)
- United States Navy Reactor Plant Shift Test Engineer (not current)
- State of Washington Secondary Teaching Certificate with an endorsement in physics (current)