

David H. Brown

SPECIALTY AREAS:

- Quality assurance program development
- Assessment (including operational readiness reviews)
- Computer software quality assurance
- Conduct of operations
- Nuclear safety
- Root Cause Analysis
- Employee Concern Investigation

SUMMARY OF QUALIFICATIONS

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

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

2009- Present	<i>Longenecker and Associates, Quality Assurance Engineer and Assessor/Auditor</i>	U.S. Department of Energy, Richland Office of River Protection
2004- 2009	<i>Project Assistance Corporation, Quality Assurance Engineer and Assessor</i>	U.S. Department of Energy, Richland Office of River Protection
2004-05	<i>Student Teacher, High School Physics</i>	Washington State University / Pasco High School
1986- 2004	<i>General Engineer / Quality Assurance Engineer / Nuclear Engineer</i> <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	<i>Reactor Plant Chief Test Engineer / Shift Test Engineer / Inactivation Project Engineer / Supervisor of Test Procedure Development</i>	Pearl Harbor Naval Shipyard

EDUCATION

State University of New York Maritime College, Fort Schuyler, Bronx, NY
BS, Nuclear Science, 1971