

## **WILLIAM E. WEBB, JR.**

### **EXPERIENCE SUMMARY**

#### **Senior Quality Engineer, Gilmartin Engineering Works, Oak Ridge, TN**

11/2013-Present

Develop and implement an NQA-1-2008 compliant quality assurance program for Siskin Steel and Supply Company, Chattanooga, TN including quality manual, procedures, training, and implementation. Provide management mentoring in nuclear quality assurance processes. For McAbee Construction, Tuscaloosa, AL, develop and implement an NQA-1-2008 compliant quality assurance program for modular construction activities. The work includes developing quality assurance processes and procedures; training of management, technical, and craft personnel; lead auditor training and acting as the lead auditor for supplier audits; and mentoring management on the implementation of the quality program. Mentoring includes developing a safety conscious work environment and conduct of operations principles and practices.

#### **Senior Quality Manager, Longenecker & Associates, Las Vegas, NV**

5/2008-Present

For the Department of Energy, National Nuclear Security Administration served as the quality assurance lead on the review team for the Acquisition Strategy Assessment for Long-Lead/Bulk Procurements and Site Preparation for the Uranium Processing Facility Project at Oak Ridge, Tennessee. For Longenecker & Associates, managed the upgrade of the quality assurance program to NQA-1:2008 with 2009 Addenda and serve as the Corporate Quality Assurance Manager. For Los Alamos National Laboratory, provide construction quality assurance support and management for the CMRR Project and performed internal and vendor audits and commercial grade dedication surveys. At Schott Glass in Landshut, Germany developed an NQA-1 program and procedures in preparation for their application to ASME for an NPT Stamp. At Fluor Enterprises, in support of the American Centrifuge Project, provided quality assurance management and support for the vendor/supplier program including vendor audits and surveillances. Developed, implemented, managed and acted as the single point of contact for the commercial grade dedication survey program for the project. Provided lead auditor training for Fluor project quality assurance personnel.

#### **Independent Contractor, Townsend, TN**

08/2009-02/2015

For Sulzer Pumps (US), Inc., B&W-Intech, and Edgen Murray Steel, performed vendor quality assurance audits and commercial grade dedication surveys. Conducted lead auditor training classes and provided lead auditor-in-training mentoring while acting as the lead auditor for vendor audits. Provide vendor audits and commercial grade surveys for several other independent companies within the nuclear power industry. For Duke Power headquarters in Charlotte, NC, provided internal audit services for their nuclear power plants. ANSI N45.2.23/NQA-1 Certified Lead Auditor with Sulzer Pumps, B&W-Intech, and Edgen Murray Steel.

#### **Contractor - CDI, Fort Mill, SC**

08/2012-01/2013

While working with the URS Corporation, provided quality assurance oversight for the Progress Energy, Shearon Harris Nuclear Plant, Fukushima Flood and Seismic Walkdown Project. Provided quality assurance engineering design review for the URS/Mitsubishi Nuclear Energy Systems, Advanced Energy America, next generation nuclear power plant design.

**Quality Assurance Specialist, Parallax, Inc., Germantown, MD**

12/2006-05/2008

Provide on-site quality assurance management for the construction of Phase A of the Los Alamos National Laboratory, Chemistry and Metallurgy Research Replacement Project, Radiation Laboratory/Utility Office Building. Perform review of design documents and monitor construction activities to ensure adequate NQA-1 quality controls are being implemented. As an NQA-1 Certified Lead Auditor, perform supplier audits and surveillances of the design/build contractor and vendors to NQA-1 criteria. Conduct root cause analyses of significant conditions adverse to quality.

**Senior Quality Manager, Longenecker & Associates, Del Mar, CA**

02/2006-12/2006

Provide mentoring and assistance for the Environmental Stewardship-Environmental Characterization and Remediation Group at Los Alamos National Laboratory. Performed internal and supplier quality assurance technical audits and surveillances. Participated in the development of a quality assurance plan and implementing procedures for the group which met NQA-1 requirements. As an NQA-1 certified lead auditor, perform surveillances of vendors and on-site environmental remediation work activities. Performed reviews of contract documents and procedures to ensure adequate quality assurance criteria were included to meet New Mexico and federal requirements for nuclear environmental sites and hazardous waste disposal sites. Performed root cause analyses of significant conditions adverse to quality.

**Independent Contractor, Chattanooga, TN**

2000-2006

Provided quality assurance program development and implementation services for projects including internal audits and supplier audits and surveillances. Provided quality assurance consultation, lead auditor training using a performance based instructional system design, and technical audit assistance to Los Alamos National Laboratory. Managed the development and implementation of an independent internal audit project for the restart of the Tennessee Valley Authority (TVA), Browns Ferry Nuclear Plant, Unit 1 including budgeting and scheduling of the audits. Performed a corrective action program project review for the Tennessee Valley Authority, Sequoyah Nuclear Plant.

**Adkins Consulting Services, Chattanooga, TN**

2000-2001

As an N45.2.23 certified lead auditor, supervised audits, source surveillances, and acceptance for shipment inspections of suppliers for Taiwan Power, General Electric, and Black & Veatch Engineering.

**Nuclear Quality Assurance Senior Lead Auditor, Tennessee Valley Authority, Chattanooga, TN**

1986-2000

As an ANSI N45.2.23 certified lead auditor, developed audit plans and supervised the activities of audit team members. Accountable for the conduct of technical audits within the Tennessee Valley Authority nuclear power program. Led audits of other utility quality assurance programs and participated in

Nuclear Procurement Issues Committee (NUPIC) supplier audits of nuclear power industry suppliers. Interfaced with senior management during the audits and presented the audit results to the audited organization. Used experience, judgment, observations, document reviews, and interviews to ensure information collected was valid and results were accurately reflected in the audit report. Responsible for approving corrective actions resulting from audit findings and performed follow-up to verify effective resolution of identified problems. Qualified by TVA to perform root cause analyses. Performed job task analyses and developed an initial lead auditor training program and a recurrent training program for certified lead auditors. Conducted classroom and performance based initial lead auditor training and recurrent training. Acted as TVA's Auditor Examiner, verifying currency of training and acceptability of performance and holding certification authority for all TVA nuclear lead auditors.

**Project Engineer, Tennessee Valley Authority, Radiological Emergency Preparedness Section, Chattanooga, TN**

1980-1986

Supervised staff of personnel responsible for preparing and coordinating a complete revision of the TVA radiological emergency plan. Responsibilities included interpreting regulatory requirements, coordinating plan and procedure revisions, and developing training plans and training emergency personnel using classroom instruction and performance based drills and exercises. Coordinated TVA emergency response actions with state and local governments. Served as the Radiological Emergency Preparedness Manager at Browns Ferry Nuclear Plant and Watts Bar Nuclear Plant and was responsible for all emergency preparedness activities on site.

**Nuclear Engineer, Tennessee Valley Authority, Watts Bar Nuclear Plant, Spring City, TN**

1977-1980

Prepared plant procedures for startup testing, technical specification surveillance requirements, and nuclear fuel receipt and handling. Performed technical review of all operating instructions including emergency and abnormal operating instructions.

**OTHER ACTIVITIES**

1981-2005. Member, American Nuclear Society (ANS) 3.8 Working Group on Emergency Preparedness. Chairman of the group from 1981 to 1993. During that time the group published five ANSI/ANS standards on various aspects of emergency preparedness

1991-1993. Member, American Nuclear Society (ANS) 8.23 Working Group on Nuclear Criticality Accident Emergency Planning and Response

**EDUCATION**

1975-1977 Georgia Institute of Technology, Atlanta, Georgia, B.S. Degree, Nuclear Engineering

1966-1970 Auburn University, Auburn, Alabama, B.S. Degree, Aviation Management

**MILITARY SERVICE**

1970-1975 U. S. Air Force, Pilot, C-130E