

LONGENECKER and ASSOCIATES

EXPERIENCE SUMMARIES FOR KEY PERSONNEL

William E. Webb, Jr.

DETAILED EXPERIENCE

2006-Present: Senior Quality Manager, Longenecker & Associates, Del Mar, CA

Provide mentoring and assistance for performing quality assurance technical audits for the Environmental Stewardship-Environmental Characterization and Remediation Group at Los Alamos National Laboratory. As a Certified Lead Auditor, conduct audits of external suppliers of environmental remediation services. Perform surveillances of on-site environmental remediation work. Perform reviews of contract documents and procedures to ensure adequate quality assurance criteria are included to meet State of New Mexico and federal requirements for Nuclear Environmental Sites and Hazardous Waste Disposal Sites.

2000-2006: Independent Contractor, Chattanooga, TN

Provided quality assurance program development and implementation services including internal and external technical audits. Provided quality assurance consultation, training, and technical audit assistance to the University of California, Los Alamos National Laboratory. Managed the development and implementation of an independent audit program for the restart of the Tennessee Valley Authority, Browns Ferry Nuclear Plant, Unit 1 restart. Performed corrective action program review for Tennessee Valley Authority, Sequoyah Nuclear Plant.

2001-2002: IT Corporation, Irvine, CA

Provided quality assurance consultation, training, technical audits, and audit assistance for the University of California, Los Alamos National Laboratory. Performed audits to the requirements of 10 CFR 50, Appendix B; ANSI NQA-1; and ISO-9000, or other requirements as specified by the customer.

2000-2001: Adkins Consulting Services, Chattanooga, TN

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.

1986-2000: Nuclear Quality Assurance Senior Lead Auditor, Tennessee Valley Authority, Chattanooga, TN

As an ANSI N45.2.23 certified lead auditor, supervised the activities of audit team members and was accountable for the conduct of technical audits within TVA. Lead audits of other utility quality assurance programs and contractor/vendor access authorization and fitness-for-duty programs. Participated in Nuclear Procurement Issues Committee (NUPIC) audits of suppliers. Developed audit plans, including performance measurement criteria. Interfaced with senior management during the audit 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 performing follow-up to verify effective resolution of identified problems. Maintained technical knowledge in the areas of nuclear power plant operations, security, fitness-for-duty/drug testing, and emergency preparedness. Developed initial lead auditor certification and recurrent training program,

conducted training of non-certified auditors, and served as TVA's Auditor Examiner. During this time, performance of TVA's nuclear program improved from the lowest in the industry to one of the best in the world.

1980-1986: Project Engineer, Tennessee Valley Authority, Radiological Emergency Preparedness Section, Chattanooga, TN

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 revisions, training personnel, and coordination with state and local governments. Developed implementing procedures for each emergency response facility, including plant facilities. Developed scenarios and directed exercises for Sequoyah and Browns Ferry Nuclear Plants. Served as the Radiological Emergency Preparedness Manager at Browns Ferry Nuclear Plant and Watts Bar Nuclear Plant responsible for all emergency preparedness activities on site. Ensured the readiness of the TVA Central Emergency Control Center in Chattanooga.

1977-1980: Nuclear Engineer, Tennessee Valley Authority, Watts Bar Nuclear Plant, Spring City, TN

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.

EDUCATION

- Georgia Institute of Technology, Atlanta, GA, B.S. Degree, Nuclear Engineering, 1975-1977
- Auburn University, Auburn, AL, B.S. Degree, Aviation Management, 1966-1970

MILITARY SERVICE

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

OTHER ACTIVITIES

- 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. 1981-Present
- Member, American Nuclear Society (ANS) 8.23 Working Group on Nuclear Criticality Accident Emergency Planning and Response. 1991-1993