

# LONGENECKER and ASSOCIATES

## EXPERIENCE SUMMARIES FOR KEY PERSONNEL

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### P. Richard Bevil

#### EXPERIENCE SUMMARY:

Mr. Bevil has more than 35 years of experience in the nuclear industry including direct support of nuclear power plants specializing in electrical design, pre-op testing, and quality assurance.

#### DETAILED EXPERIENCE:

12/06 – Present Senior Project Manager, Longenecker & Associates, Los Alamos National Laboratory, QA program support.

2006 – Senior Quality Assurance Assessor, Contractor for Tennessee Valley Authority (TVA)  
Responsible for quality assurance assessments at TVA's Sequoyah Nuclear Plant.

2005 – Quality Assurance Specialist, Contractor for University of California

Responsible for quality assurance oversight for several Los Alamos National Laboratory projects in New Mexico. (Q clearance granted).

2001 to 2005 - Quality Manager, Sequoyah/Browns Ferry Nuclear (SQN/BFN) Plants Independent Spent Fuel Storage Installation (ISFSI) Projects - Contractor for Tennessee Valley Authority.

Responsible for vendor and on-site quality for the SQN/BFN ISFSI Projects.

Continued Quality Assurance Program Manager for an Environmental Qualification Services company.

2000 to 2001 – Independent Contractor for Quality Assurance Services

Audit team lead and/or team member for audits of vendors in support of the Taiwan Power Company's Lungmen Nuclear Project.

Quality Assurance Program Manager for an Environmental Qualification Services company in support of several US and Canadian nuclear plants.

Quality Assurance Assessment Team Member for assessment of University of California activities in support of Los Alamos National Laboratory at Los Alamos, NM.

1981 to 2000 - Senior Lead Auditor-Tennessee Valley Authority

Served as audit team leader or audit member to evaluate TVA vendor's and TVA nuclear plants' quality assurance programs for compliance to nuclear regulatory requirements. Plant audits encompassed design, construction, and operation programs such as: environmental qualification of electrical equipment, procurement (including dedication of commercial grade items), plant security, health physics, plant chemistry, measuring and test equipment, maintenance, pre-operational testing, and plant modifications. Vendor audits involved ensuring compliance to American National Standards Institute (ANSI) N45.2/10 CFR 50, Appendix B requirements.

Served as TVA Nuclear's representative on the Nuclear Procurement Issues Committee (NUPIC). This committee coordinates audits of vendors for safety-related equipment and services and is comprised of participants from all US nuclear utilities and several utilities in other countries.

Also served in various TVA temporary assignments such as: conducting employee concern investigations and operational readiness assessments in various areas at Watts Bar Nuclear Plant; reviewing the design baseline and verification effort and ASME Section XI program for restart of Sequoyah Nuclear Plant; and reviewing critical environmental qualification activities for restart of Browns Ferry Nuclear Plant Unit 2.

In addition, temporary assignments included: responsibility for revising and maintaining TVA Nuclear's highest tier document - the TVA Nuclear Quality Assurance Plan, reviewing TVA Nuclear Standards and Directives, and completing special assignments as requested by management.

1977 to 1981 - Purchasing Quality Assurance (QA) Coordinator

Served as QA coordinator for TVA's Purchasing Department. Responsible for developing various types of QA procedures, training division personnel, reviewing Quality Assurance interfacing procedures from other TVA divisions, and representing TVA's Purchasing Department in QA policy and technical matters.

Also responsible for administering TVA's Standard Procurement Specifications Program. This involved close interaction with many offices within TVA and with other Government and private organizations concerning procurement matters.

1976 to 1977 - Pre-operational Testing Instrument Engineer

Responsible for developing test procedures and conducting tests for verifying operability of various electrical systems, such as fire protection, CCTV, status monitoring, and intrusion detection equipment at Sequoyah Nuclear Plant.

1970 to 1976 - Electrical Design Engineer

Responsible for both design and procurement of communication equipment, such as VHF and UHF radio, power line carrier, telephone, supervisory control, microwave, closed circuit television (CCTV), paging and intercom, battery charger, and intrusion detection equipment. This also required close interaction with TVA's Purchasing Department and with outside vendors and contractors.

1969 to 1970 - Electrical Construction Engineer

Responsible for verifying adequacy of installation of various types of electrical and mechanical equipment, such as conduit and grounding, principal piping and switchyard equipment.

**EDUCATION:**

B.S. Electrical Engineering - University of Tennessee, Knoxville - 1968

**ACHIEVEMENTS:**

Certified Nuclear Quality Assurance Lead Auditor as specified by ANSI N45.2.23.

In 1993, received a plaque in recognition of outstanding performance in support of a critical ASME/Regulatory Programs restart assessment at Sequoyah Nuclear Plant.

In 1991, was the recipient of a TVA Nuclear Employee Recognition Award for exemplary performance demonstrated during conduct of a critically important Electrical Distribution Safety Functional Inspection Maintenance Audit at Sequoyah Nuclear Plant.

Served as TVA's representative in the Procurement and Supply Division of the Metrication Operating Committee for the Interagency Committee on Metric Policy. This committee was responsible for coordinating the metrication of all Federal agencies and met frequently in

Washington DC for this purpose.

Served as the TVA Engineering Association co-representative on the Joint Employee-Management Transportation Committee which was responsible for administering the TVA bus, van, and car pool energy conservation program. This program was cited by the White House as being one of the best energy conservation programs in the country.

Served as U.S. Savings Bond chairman for TVA's Purchasing Department and was personally awarded two savings bond achievement awards by the TVA Board of Directors.

Participated as a volunteer mentor in the TVA Electric Utility Engineer's Program with the U. S. State Department's Agency for International Development. This program was established by the Government to teach engineers from utilities around the world in many of the successful methods TVA has used in establishing, operating, and maintaining their power program. I was responsible for the social needs of my assigned students for the four months they were in this country. My students from several classes were from: Sri Lanka, Bangladesh, Nepal, Nigeria, Ivory Coast, and Egypt.