

DOUG SHELTON

EXPERIENCE SUMMARY

Quality Assurance Engineer/Manager/Supervisor with 43 years experience including 26 years in Nuclear construction and operations. Employment opportunities with Engineering/Construction companies utilizing my QA/QC programmatic skills and knowledge acquired during my career working in the Nuclear Power, Department of Energy and Department of Defense (Army) arenas.

DETAILED EXPERIENCE

QA Specialist – Longenecker & Associates

2015-Present

Provides construction inspection and work package closure verification support to the DOE Salt Waste Processing Facility Project Office.

QA Specialist; Quality Engineer – Shaw Group/CB&I

2013-2015

Quality Engineering ITAAC Group Supervisor: (Inspection, Testing, Analysis and Acceptance Criteria)

- Responsible for review and approval of Performance and Documentation Plans (PDPs) submitted by the Consortium ITAAC group; which describe the overall process of how a given ITAAC will be technically executed and documented
- Oversight of various organizations (vendors, procurement, Field Engineering, Construction) to ensure ITAAC program is being implemented IAW Licensing commitments.
- Review of Construction Work Packages (WP) to ensure incorporation of appropriate ITAAC requirements including data gathering of pertinent data for submission to the Licensee for submitting to the NRC for approval.
- Maintenance of database identifying which WPs have an impact on the various ITAACs, including required Hold/Witness points for inspection/verification actions.
- Responsible for oversight of Implementation and Control of ITAAC activities based upon Guidance in NEI 08-01 (Industry Guideline for ITAAC Closure Process under 10CFR Part 52) and endorsed by NRC Regulatory Guide 1.215.
- Perform review/approval of Purchase Requisition/Orders
- Perform review of Engineering change documents to design drawings & specifications
- Perform review/approval of Inter/Intra Departmental Procedures
- Perform Significance reviews IAW NEI-0802 of Nonconformance & Disposition Reports and Unsat. Inspection Reports for Corrective Actions, adverse trends, regulatory commitments and reliability, availability & maintainability of equipment/facilities.

Senior Quality Assurance Engineer – Westinghouse Anniston

1996-2013

The below listed activities were performed at a DOD Chemical Weapons Demilitarization Facility (Incinerator)

- Perform auditing, surveillance, and inspection activities during Construction, Startup, Operations & Closure Phases;
- Perform field walk-downs and review of Contractor Work Packages to verify compliance with Permits, contract requirements and Contractor/Client Turnover Procedures;
- Develop/revise QA Program documents (Manuals and procedures);
- Review and approve Procurement documents, work orders and corrective action documents;
- Review and approval of Engineering Change Proposals and the implementing Engineering Work Packages for changes required at the facility
- Review and Approval of Closure Work Packages utilized for closure of facility ensuring it met commitments between our Client-US Army and the approved End State Document
- Review of Site procedures (SOPs, MOPs, LOPs) for compliance with Contract and Regulatory requirements.
- Perform liaison role between Westinghouse and contractors as well as, our client, US Army.
- Review and approval of Maintenance Work Orders, Purchase Requisitions, Vendor/Contractor Submittals;
- Perform review of Inter-departmental procedures, i.e. Contracts, Safety, Procurement, Engineering, Environmental, Waste Management, Maintenance implementation procedures, BizOps, to ensure compliance with Contract and Governmental Regulations.
- Participated in numerous special assignments such as Root Cause Analysis Teams, Performance Improvement Team, Safety reviews.

Quality Assurance Engineer – Westinghouse Savannah River Co., Aiken SC

1990-1996

The below listed activities were performed at a DOE Nuclear Facility.

- Develop/revise the site QA program documents (Manuals and implementing procedures);
- Developed and performed training on QA Program for the Safety Analysis and Risk Management Department at Savannah River Laboratory;
- Review and approve inspector training materials;
- Quality Engineering—Special task team investigations, root cause analysis, program evaluations and assessments, corrective action plans.
- Perform auditing, surveillance, and inspection activities.

Fluor-Daniel Corporation, Greenville, SC

1973-1990

The below listed activities were performed at four Nuclear Power Plants and one Pumped Storage Power Generation Facility while with Fluor-Daniel.

Facilities:

- 1) Commanche Peak Nuclear Power Plant, Glen Rose, Texas;
- 2) Enrico Fermi II, Monroe, Michigan;
- 3) Callaway Nuclear Plant, Fulton, Missouri;
- 4) Farley Nuclear Power Plant, Dothan, Alabama;
- 5) Bath County Pumped Storage Facility, Warm Springs, Virginia.

Inspection/testing: Civil/structural, Electrical, Piping, Welding

Supervision/Management: Lead Inspector, Quality Supervisor, Quality Engineer, Quality Manager. Supervisor/Lead of field and laboratory inspectors and technicians (different groups of 10, 12, 12, & 25); (2) Quality Supervisor for turnover activities including field walkdowns and Document Review of corresponding Work Packages.

I have performed the following activities within the identified functional areas.

Programmatic Issues: Root Cause Analysis; Inspection program development and implementation; Nonconformance & Corrective Action program development and implementation; Training program development and implementation; Vendor and Subcontractor Audits and surveillances; Vendor Evaluation/Qualification; and Trend Analysis

Management: (1) Inspection Lead and Supervisor over field activities for configuration and completeness and documentation reviews; (2) Project Quality Manager for implementation of corporate procedures dealing with the training and certification of 30 Audit, Inspection, and Document Technician personnel. Interfaced with Corporate Quality Management concerning contract issues.

EDUCATION

Troy State University-Dothan, Dothan, AL

Bachelor of Science in Biology/Social Science, 1971-1972, 1980-1981

Wallace Community College, Dothan, AL

Associate of Arts in Business Administration, 1969-1971

CERTIFICATIONS

All certifications listed below were based upon criteria in ANSI N45.2.6 unless otherwise noted.

- Level II Civil
- Level II Electrical
- Level III Civil--Certifying Authority in Nuclear field
- Level III Civil/Structural—Certifying Authority at DOE Facility In accordance with NQA-1 and DOE Regulation 5700.6C

- Received Certificate from US Army Corps of Engineers for successful completion of Construction Quality Management for Contractors
- Certified Internal Quality Auditor per ISO9001:2008 and per Site requirements meeting ANSI N45.2.23