

DAVID J. HOLLER

EXPERIENCE SUMMARY

QA Professional and Technical Specialist with 33 years of nuclear power-related experience. Experience and capabilities include quality program assessment, management and consulting in various environments, procurement engineering, procurement quality, procedures writing and nuclear quality program development, auditing, supplier QA/QC oversight, commercial grade dedication, quality engineering and control, mentoring of trainees, and corrective action. Knowledgeable in the implementation of pertinent regulations, codes, and standards including 10CFR50 Appendix B, NQA-1, ASME Section III NCA-3800 & 4000, and ISO 9001:2008.

DETAILED EXPERIENCE

Longenecker & Associates

2015-Current

QA Specialist and Functional Leader – NuScale Power

2014-Current

Responsible for the coordination and execution of all activities related to supplier quality and oversight, including scheduling and management of audits, surveillances, source verifications, commercial grade surveys, supplier evaluations and selection, annual evaluations, and procurement document review. Since taking over functional leadership duties in June 2014, accomplishments include:

- All procedures, processes, checklists, and forms related to these work activities have either been developed or rewritten to meet industry best practices and the expectations of the regulator.
- The supplier evaluation process and computer-based Approved Suppliers List has been re-designed and improved to reflect accurate and easily accessible information.
- Guidelines for audit and technical specialists' participation in the audit process have been established and auditor training has been enhanced.
- Initiated the procurement of EPRI Nuclear Procurement Training for both procurement and engineering groups.
- The supplier quality group has established consistent interface and consultation with project management and internal customers.

QA Consultant/Technical Specialist

2010-Current

Independent Contractor providing a variety of consulting and staff augmentation services for domestic and foreign companies. Examples of project and work assignments include:

- QA Manager for Hopper Engineering Associates, a NUPIC-approved engineering firm providing design analysis services to the commercial nuclear industry. (ongoing)
- QA consultant and procedures writer for Mitsubishi Electric Corporation located in Amagasaki, Japan to establish and improve their Appendix B and NQA-1 QA program, including the QA Manual and applicable implementing procedures. (ongoing)
- Consultant to Ceradyne, Inc. (nuclear borates manufacturer) providing NQA-1 training and

indoctrination, a GAP analysis between their ISO 9001 QA program and the requirements of NQA-1 2008/a2009, and consulting and final review of new NQA-1 compliant procedures and processes. (ongoing)

- Certified Lead Auditor & Audit Team Leader – Team Leader for both internal and supplier audits performed for companies in the U.S., Asia, and Europe (ongoing). Most recent audit was of Mitsubishi Electric Company, Amagasaki, Japan.
- Consultant to Generation mPower providing project management to develop and establish a NIRMA compliant electronic records management system. Provided consulting and procedures writing services to the plant engineering department in the development of owner acceptance procedures. (2013-14)
- Consultant to Electric Boat Power Division lending expertise to the development of their QA program and procedures for compliance with 10 CFR 50 Appendix B and NQA-1-1994. (2013)
- Consultant to a B4C manufacturer (for Westinghouse fuel) lending expertise and procedures writing services to establish a CG Dedication program and the measures to control purchased items and services in accordance with Criterion 7 of 10 CFR 50 Appendix B and Requirement 7 of NQA-1-1994. (2012-2013).

Principal QA Engineer – Invensys Operations Management

2010-2012

Supplier Project QA Manager based in Spain to support a multi-unit DCS Human Factor Engineering and Main Control Room panel project for Chinese nuclear power plant projects. Assigned duties include QA oversight of Spanish (NQA-1) and French (ISO-9001) suppliers and lower tier sub-suppliers providing HFE Services, Main Control Room interface software design, and MCR Panel manufacturing activities. Perform review of project quality planning documents, procedures, and supplier submittals of the same, including project quality program documents, inspection and test plans, commercial grade dedication plans, and reports. Witness and participate in Pre-FAT, FAT, and final inspection and documentation review activities. Responsible for mentoring and assisting supplier QA staff in their understanding of applicable regulations and standards pertinent to CG Dedication and project quality requirements based on NQA-1-1994.

QA Program Manager – Mitsubishi Nuclear Energy System

2008-2010

Manager of Quality Programs and Procedures section, responsible for establishing quality-related processes and procedures in support of new plant design, licensing, and procurement. Developed and maintained the MNES QAPD as well as processes and procedures for implementation of the program. Developed the corrective action program (CAP) including the administration and management of the program. Was a regular participant and company representative at NEI and NRC meetings regarding new plant design certification, e.g. the QAPD template, ITAAC, and CAP guidelines. Certified as a Lead Auditor: performed external and internal audits.

Quality Control Engineer – General Electric

2007-2008

Responsible for project QA oversight of domestic and foreign (Slovakia) manufacturing and GSI-191 testing contracts including QA review and approval of pertinent procurement, engineering & deviation documents, performance of source surveillance dimensional and AWS D1.1 weld inspections,

initiation/resolution of corrective action requests, and interface activities with supplier and customer quality personnel.

Technical Specialist – San Onofre Nuclear Generating Station

2003-2007

- **Certified Lead Auditor** and NUPIC Audit Team Leader in the Supplier Oversight group. Responsible for performance and participation of domestic and foreign supplier audits and commercial grade surveys of QA programs meeting 10 CFR 50 Appendix B, ISO 9001:2000 and ISO 17025. Responsible for project QA oversight of GSI-191 related Reactor Containment Strainer replacement procurement, testing, and fabrication.
- **Procurement Engineer** responsible for specifying procurement technical and quality requirements applicable to plant materials, parts, and components, including related technical evaluations, parts safety classifications, and commercial grade dedication acceptance criteria. Provided technical input for supplier audits/surveys and resolution of material receipt deficiencies. Responsible for the completion of item equivalency evaluations and associated 10CFR50.59 screening. Provided Technical Specialist support for NUPIC Joint Utility audits and surveys. Investigated and resolved industry related Operating Experience issues pertinent to spare parts and components.

Senior QA Assessor – Kewaunee Nuclear Plant (NMC)

2002-2003

Certified Lead Auditor in the Supplier Assessment group, responsible for performance of supplier audits, commercial grade surveys, evaluations, and source verification activities.

Lead Procurement Engineer – Point Beach Nuclear Plant (NMC)

2000-2002

Lead Procurement Engineer responsible for technical oversight eight staff members in the Supply Chain organization. Coordinated the day by day activities applicable to procurement engineering, purchase document review, and QC inspection of incoming materials. Responsible for the definition and implementation of the overall supply chain technical approach relative to specifying, inspecting, testing, and accepting spare parts and materials for plant maintenance and construction activities. Prepared and/or reviewed all procedures related to procurement engineering and material receipt acceptance processes. Performed procurement engineering activities including parts classification, CG Dedication, item equivalencies, and resolution of receiving discrepancies and CAR's.

Vendor Manual Engineer – Litchfield Park, AZ (CVMS)

1998-2000

As part of a vendor manual subscription service to nuclear customers, reviewed revised vendor/OEM technical information for client utilities, developed detailed comparison reports, and submitted to clients for their use at the power plant to meet commitments in response to NRC GL 83-28 & 90-03 requirements.

Procurement Engineering Specialist – Cooper Nuclear Station (NPPD)

1997-1998

Procurement Engineer with duties including the determination of spare part safety classification, commercial grade dedication requirements, and purchase document quality and technical requirements.

Procurement Engineer – ComEd/Zion Nuclear Station

1996-1997

Duties included the performance of technical evaluations for replacement parts, item equivalency evaluations, 10CFR50.59 screenings, resolution of receiving discrepancies, and shelf life evaluations.

Quality Assurance Procurement Planner – Salem/Hope Creek Nuclear Stations

1996

Duties included quality review of purchase documents, and the establishment of procurement quality requirements, acceptance criteria, and receipt inspection activities.

Materials Technical Specialist – River Bend Nuclear Plant

1995-1996

Duties included performing technical evaluation of replacement parts, establishing purchase document technical and quality requirements, receipt inspection acceptance criteria, and resolution of receiving discrepancies.

Configuration Management Specialist – Turkey Point Nuclear Plant

1994

Reconciliation project of hard copy Instrument Index with the Equipment Database.

Bill of Material/Procurement Engineer – Turkey Point Nuclear Plant

1992-1993

Duties included bill of material development for plant components, including identification of key spares, establishment of stock codes and stocking levels, safety classification, and acceptance criteria.

Bill of Material/Procurement Engineer – South Texas Project

1988-1991

Duties included bill of material development for mechanical plant components, including identification of key spares, establishment of stock codes and stocking levels, procurement classification, safety classification, and acceptance criteria. Also performed procurement engineering activities, including technical evaluation of replacement parts, establishing PO T's & Q's, item acceptance criteria, and resolution to receiving discrepancies.

Procurement Engineer – Perry Nuclear Plant

1987-1988

Duties included writing procurement mini-specs for future procurement of common replacement parts used in plant equipment, particularly NSSS system mechanical components.

Procurement Engineer – Arkansas Nuclear One Nuclear Plant

1987

Duties included the establishment of a commercial grade dedication process based on the draft EPRI NP-5652.

Senior Maintenance Specialist – Arkansas Nuclear One Nuclear Plant

1986-1987

Duties included establishing plant equipment in-storage maintenance program as part of an overall preventive maintenance improvement initiative.

QA Technical Specialist – Waterford 3 Nuclear Plant

1984-1985

Duties included receipt inspection of all incoming materials and components including compliance review of all supplier provided certifications and documentation. Performed procurement quality review of purchase requisitions. Plan and perform surveillances of plant material control activities.

QA/QA Inspector – Shearon Harris Nuclear Plant

1978-1982

Duties included receipt inspection of all incoming materials and components including compliance review of all supplier provided certifications and documentation. Certified welding inspector performing inspection of welds to AWS D1.1. Plan and perform surveillances of plant material control activities, including in-storage maintenance of major equipment types, identification and traceability of installed material, and long term storage techniques.

EDUCATION/TRAINING

Bachelor of Arts - Western Illinois University 2005

Lead Auditor Training – 2003, 2006, 2013

Certified Technical Specialist – Hartford Steam Boiler Global Services 2013

EPRI Nuclear Procurement Training and ASME Code Procurement Training

Corrective Action/Problem Resolution Workshop

Certification Program for Conducting Commercial Grade Surveys and Source Verification

INPO accredited design engineering indoctrination and training @ Zion and SONGS