

# LONGENECKER and ASSOCIATES

## EXPERIENCE SUMMARIES FOR KEY PERSONNEL

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**Ron F. McCraney**

### **DETAILED EXPERIENCE:**

#### **02/02 to Present – Independent Consultant**

##### Lead Quality Assurance Assessor

Reports to the Unit 1 Nuclear Assurance Manager. Perform quality analysis/reporting and trending to provide analysis of applicable data to ensure potential problem areas, declining performance, and/or areas of exposure are appropriately assessed. Restart QA analyzes quality problems from various sources to illuminate problem areas, detect trends and develop recommendations. Restart QA reports key areas evaluated and key issues identified by NA in the Monthly Oversight Report to Unit 1 Restart Management. Restart QA also provides input to the BFN Unit 1 Plan of the day (POD) Report and the BFN Unit 1 Executive Report. Results are subsequently reported to executive management via the BFN Unit 1 Nuclear Assurance Oversight Analysis Report.

Perform quality assessments of various organizations, programs, and processes associated with BFN Unit 1 DSEP and restart preparation activities.

#### **11/87 to 02/02 - Tennessee Valley Authority, Browns Ferry Nuclear Facility, Athens, Alabama**

##### Process Improvement Project Specialist II

The purpose of this position is to utilize current education/experience in areas of process improvements, special projects and other support such as during outages. Additionally, this position will be assigned the more comprehensive/complicated projects consistent with education, experience and grade level. Previous areas assigned to B&WP. Currently assigned as the Maintenance Per Coordinator.

##### Lead Quality Assurance Assessor/Auditor

Direct/performs assessments/audits of operations, engineering/technical support, modifications, maintenance and site support programs. Assure that TVA and contractor activities meet or exceed industry and regulatory standards through effective implementation of TVA's nuclear QA program requirements. Directs audits/assessments that are complex and comprehensive in nature. Leads 2 to 8 individuals during the performance of activities to ensure that audits/assessments are performed in a quality manner and meets applicable requirements. As lead responsible for checklist preparation, develop new audit modules, approve corrective action plans, verify corrective action, conduct pre-audit and post-audit meetings with plant managers and directors, and write audit report. Served as the QA Maintenance Supervisor(acting) for a period of seven months in 1999 while the supervisor was assigned to Maintenance.

Assessing the implementation of the Quality Assurance Program relating to the corrective action program. Reporting areas of non-compliance to quality requirements to appropriate management personnel. Provide input into "Functional Team" area for monthly report inclusion. Extracted data from the Tracking and Reporting of Open Item (TROI) data base and EMPAC. Identifying and reporting adverse trends to appropriate management personnel for action.

Routinely performed duties of the CAQ representative at the Management Review Committee (MRC). Assisted in the development/implementation of the electronic PER process.

Served as the Quality Audit Manager(acting) for a period of eight months in 1993 and 1994 while the manager was assigned to Bellefonte Nuclear Plant. Participated in the Safety Systems Functional Inspection (SSFI) at Browns Ferry. Lead and participated in several Cooperative Management Audits(CMAP) of other utilities.

**09/87 to 11/97 - Fluor Daniel, Comanche Peak, Glen Rose, Texas**

Project Quality Manager I

Assigned to Texas Utilities Generating Company's Quality Engineering section to write and review quality procedures. Resolved comments within the quality and engineering groups. Developed lesson plans and taught procedural classes.

**10/86 to 9/87 - Fluor Daniel, Watts Bar Nuclear Station, Spring City, Tennessee**

Project Quality Manager I

Assigned to assist the TVA Project Manager (Watts Bar Employee Concern Task Group) in the management of the Nuclear Regulatory Commission (NRC) communication activity for the Employee Concerns Task Group (ECTG) to support the engineering, construction, and operation of TVA's Nuclear Power Plants. Responsibilities included managing site communications with NRC and the timely preparation of any licensing documentation for submittal to NRC concerning the ECTG Program. Served as a point-of-contact with NRC, maintained cognizance of ECTG issues, and provided information as requested by NRC on ECTG activities.

**05/85 to 10/86 - Daniel International Corporation, Braidwood Nuclear Station, Braidwood, Illinois**

Project Quality Manager I

Assigned as a consultant to the Commonwealth Edison Project Manager in support of the Licensing effort. Responsible for aiding Commonwealth Edison and its expert witnesses in preparation for Hearings for the Braidwood Operating Licensee before the Atomic Safety and Licensing Board. This included research, assembly

and summarization of Intervener's Quality Assurance Contention items and Edison's responses, corrective action programs, stop work orders, 10CFR50.55(e) Reports, QA Audit Reports, NRC Inspection Reports and Findings,

Management Enforcement Conferences, and other quality/hearing related documents/activities as assigned by the Project Manager and the client's legal staff.

Assigned to the Mechanical and Nuclear Piping Contractor on a consultant basis. Working as a Construction Quality Engineer, I initiated, approved, disposition, and/or closed nonconformance reports. Performed technical evaluation of disposition, corrective action, and supporting documentation for compliance with regulations, codes, and specification. Evaluated corrective and preventive action for technical adequacy. Responded to Construction Assessment Program findings. Reviewed and revised quality procedures.

**05/82 to 05/85 - Daniel International Corporation, Wolf Creek Generating Station, New**

**Strawn, Kansas**Project Quality Inspection Manager II 11/83 - 05/85)

As Project Quality Inspection Manager, I was responsible for management and direction of the Quality Inspection Organization. This organization consisted of two hundred and fifty (250) Certified Quality Inspectors in the Civil, Electrical, and Mechanical/Welding disciplines. Also responsible for the implementation and administration of the Inspection Program including examination, testing and inspection instructions necessary to assure, verify and document that construction is performed in accordance with the ASME Code, the Quality Assurance Program Manual and implementing design documents and site procedures. Also responsible for selecting, training and assigning experienced and qualified discipline Supervisors and Inspectors to perform inspections in accordance with approved project procedures. Coordinated and integrated the quality inspection functions of the various quality program systems into the schedule of engineering and construction activities. Provided interface coordination with Client, DIC Construction, and Engineering on matters related to Quality Inspection activities, responsibilities and personnel. Contract Administrator for the Authorized Nuclear Inspection Agency.

Senior Quality Supervisor - Mechanical/Welding (05/82 - 11/83)

Senior Quality Supervisor directly responsible for all final mechanical and welding inspection and document review performed by up to one hundred twenty (120) Quality personnel. Supervised receiving and maintenance inspections. Provided inspection support for pre-operational testing and start-up activities. Reviewed and revised Quality procedures. Responded to internal and customer Quality Assurance audits. Oversaw nondestructive testing subcontractor activities. Coordinated with third part inspector, construction engineer and client personnel on Quality matters relating to mechanical, welding, and NDE. Established and supervised training and certification programs to comply with ASME, AWS, and ANSI N45.2.6. Determined staffing requirements and selected personnel for employment. Act as Project Quality Inspection Manager (Multi-Discipline) during temporary absences of the manager.

**05/80 to 05/82 - Daniel International Corporation, Enrico Fermi II Project, Monroe, Michigan**Project Quality Manager/Quality Verification Supervisor

Administratively supervised approximately seventy (70) personnel assigned to the Fermi II Project. Implemented the Detroit Edison Quality program as directed by the Director of Project Quality Assurance. Maintained adequate manpower staffing commensurate with needs identified by personnel requisitions to Regional Quality Manager and update when changes are made. Provided for adequate training and certification of Quality personnel. Implemented the Corporate procedures for certification of inspection and audit personnel. Made work assignments to direct reports and review progress weekly by personal contact. Conducted at least annual performance appraisal

interviews with each employee and completed required forms in accordance with the corporate policy. Ensured

that corporate personnel policies were implemented. Determined need for off-site support to maintain adequate performance and coordinated with Project Quality Assurance Director.

Supervised the Project Quality Verification section which was comprised of the Records, Receiving, NDE, ARMS., AND First Line Inspection Departments. Assisted the PQV Department in functions including the control of the QA Records vault, direct interface with Systems Completion and First Line Inspection concerning completed documentation prior to

release to Startup, and support in tracking down problem areas regarding punch-listed items (i.e. Repair/Rework Requests (RRR's), Design Change Requests and/or Notices (DCR's/DCN's), and Deviation Disposition Requests (DDR's) etc.).

**01/74 to 05/80 - Daniel Construction Company, Farley Nuclear Plant, Dothan, Alabama**

Quality Assurance Engineer (08/79 - 05/80)

Developed a system of comprehensive audits and surveillances. Performed audits of Corporate and Site Activities in the Electrical, Civil, Mechanical/Welding and Services area. Developed and maintained Quality Assurance Programs (Nuclear and Non-Nuclear). Reviewed and analyzed Project, Client, and Regulatory Agency audits for purpose of Trend Analysis Reports. Reviewed of Site generated Procedures for adequacy and compliance to requirements.

Quality Control Coordinator/Quality Control Engineer (12/74 - 08/79)

Quality Control liaison representative with the Daniel Project Quality Assurance Manager and the Alabama Power Company Quality Assurance Supervisor. Monitored Quality Control Program to assure required levels of Quality Control were being maintained. Recommended revisions to the Quality Control Program and Procedures as required. Coordinated final preparation and submitted to Project Manager and Alabama Power Company, where required, for approval. Expedited replies to Quality Assurance audits performed by Daniel and/or Alabama Power Company. Prepared Quality Control and Project reports as directed for distribution to Daniel and Alabama Power Company. Responsible for the liaison, coordination and scheduling of vendor shop pre-award inspections and audits in coordination with the Purchasing agent. Performed pre-award and vendor audits. Assumed the administrative responsibilities for Quality Control Manager in his absence.

Concrete Inspector (01/74 - 12/74)

Visually inspected and/or tested concrete produced and/or placed in accordance with applicable specifications, procedures and ASTM Standards. Performed Pre-Pour and Post-Pour Inspection as per concrete specifications and procedures.

**EDUCATION:**

Bachelor of Science (Majors: Accounting, Business Administration)  
Troy State University  
Troy, AL (Graduate: 1969)

**SPECIAL TRAINING:**

- QA Lead Auditor Training, L. Marvin Johnson and Associates, November 1979
- General Electric Management Seminar (Motivational Workshop), June 1978
- GE Management Practices Course, 1981
- Kepner-Tregoe Seminar, 1981
- ASME Codes and Regulations Seminar, Multiple Dynamics Corp., November 1981
- Field Leadership Seminar, October 1983
- Daniel Kepner-Tregoe Application Review, 1983
- Managing Management Time, September 1984
- Industrial and Radiation Safety and Security Training (General Employee Training) Alabama Power Company, Kansas Gas and Electric Company, Commonwealth Edison and Tennessee Valley Authority
- Franklin Time Management Seminar, June 1988
- Lead Auditor Training (TVA), November 1987 - April 1988

- Performance Based Auditing, February 1989
- Technical Staff and Managers BWR Systems Training, May 1989
- TVA Lead Auditor Training (Performance Based), February 1991

**CERTIFICATIONS:**

- Certified Quality Engineer, INPO ACAD 91-017, Tennessee Valley Authority
- Certified Lead Auditor, ANSI N45.2.23, Tennessee Valley Authority, 1987
- General Quality, Certified Level III, ANSI N45.2.6, 1978, Wolf Creek Generating Station, Daniel International Corporation, 1980.
- Mechanical/Welding, Certified Level III, ANSI N45.2.6, 1978, Wolf Creek Generating Station, Daniel International Corporation, 1982.
- Certified Professional Quality Assurance Lead Auditor, L. Marvin Johnson and Associates, Orlando, Florida, November 1979.

(All of the below were obtained at the Farley Nuclear Plant, Dothan, Alabama, DCC).

- Lead Auditor (Corporate Certification) N45.2.23, 1978 (Draft Form), January 1980
- QC Electrical Inspector, level I, ANSI N45.2.6, 1973, February 1979
- QC Engineering Aide, Level I, ANSI N45.2.6, 1973, January 1979
- Auditor (Corporate Certification) ANSI N45.2.23, 1976 (Draft Form), August 1979
- QC Civil Inspector, Level I, ANSI N45.2.6, 1973, September 1978
- QC Welding Inspector, Level I, ANSI N45.2.6, 1973, April 1977
- Level II P. T. Examiner, ASNT-TC-1A, November 1977
- Lead Auditor (Project Certification) ANSI N45.2.23, 1976 (Draft Form), August 1977
- QC Mechanical Inspector, Level I, ANSI N45.2.6, 1973, August 1977
- Quality Control Coordinator, Level II, ANSI N45.2.6, 1973, May 1976