

LONGENECKER and ASSOCIATES

Clifford A. Crownover

EXPERIENCE SUMMARY

Strong background and experience in Quality Control Inspection/Quality Assurance activities in both construction and maintenance at Nuclear Power Plants. Also, has broad experience in welding and Non-Destructive Testing (NDE) and engineering activities.

DETAILED EXPERIENCE

Self-employed, 05-01-04 – Present

Perform contract work in the area of home repairs and remodels.

American Air (HVAC Company, HVAC Tech (self-employed), 03-01-02 – 05-01-04

Established this new company with a partner, installing and servicing HVAC. Sold my share of company to partner.

Phillips Heat & Air (Partnership), HVAC Tech (self-employed), 05-01-01 – 02-28-02

Installed and serviced heating and air conditioning systems, both residential and commercial.

Retired, 06-01-00 – 05-01-01

Retired from TVA due to Reduction in Force.

Tennessee Valley Authority Sequoyah Nuclear Plant Engineering Department, 04-16-99 – 06-01-00

Performed plant walkdowns and updated plant Master Equipment List (MEL) database. Supervised unit responsible for updating MEL database and verified accuracy of updated information.

Tennessee Valley Authority Sequoyah Nuclear Plant Quality Audits and Assessments, Senior Lead Assess and Lead Auditor, 1995 0 04-16-99

Assisted the Quality Assessment supervisors in managing the personnel reporting to and the activities conducted by the Quality Assessment Groups. Performed and/or lead assessments and audits of plant programs and activities, prepared written reports, and made presentations to upper management and NRC resident inspectors regarding findings and results of reviews. [Certified Lead Auditor per ANSI N45.2.23.]

Tennessee Valley Authority Sequoyah Nuclear Plant Quality Audits and Assessments, QA Evaluator/Manager, 1989-1995

Performed comprehensive audits and assessments of plant programs and activities (e.g., maintenance, modifications, operations, testing, procurement, fuel handling, etc.) to ensure their adequacy, effectiveness and compliance with industry standards, NRC regulations, plant procedures/instructions, and applicable codes. Prepared detailed written reports and made presentations to upper management and NRC resident inspectors on findings and results of reviews.

Tennessee Valley Authority Sequoyah Nuclear Plant Quality Surveillance, Surveillance Supervisor QA Programs Units, 1985-1989

Managed a comprehensive Quality Assurance surveillance program to ensure compliance with TVA's Nuclear QA manual. Supervised and managed evaluators and engineering associates who reported to the QA Program's unit supervisors. Provided oversight to personnel performing surveys and assessments of plant activities.

Tennessee Valley Authority Sequoyah Nuclear Plant Quality Control, Engineering Associate / Inspector, 1980-85

Prepared survey checklists and performed surveys of plant programs and activities to verify compliance with written procedures. Documented results in written reports. Coordinated, scheduled, and reviewed surveillances/surveillance reports during refueling outages. Performed inspections in Level II MT, PT, VT-III, and VT-XI and in Electrical, Mechanical, and Protective Coatings.

Combustion Engineering Nuclear and Boiler Divisions, Chattanooga, Tennessee, Inspector and Submerged Arc Welder, 1970-1980

Performed magnetic particle testing and radiography of nuclear and fossil fueled components and vessels. Performed submerged arc welding on nuclear reactor, pressurizer, and steam generator vessel fabrication welds and performed stainless steel clad welding of nuclear components.

Velsicol Chemical Company Research Department, Chattanooga, Tennessee, Laboratory Assistant, 1969

Performed lab work associated with the research and development of new product lines.

EDUCATION

- Chattanooga State Technical Institute, Organic Chemistry, September-December 1970, 5 quarter hours
- University of Tennessee at Chattanooga, Engineering, September-February 1970, 15 semester hours
- University of Tennessee at Knoxville, Engineering, September 1968 – June 1969, 45 quarter hours