

# QUALITY ASSURANCE



L&A is the recognized expert provider of Quality Assurance (QA) services and products to commercial and government clients. Our focus is to find and resolve quality problems before they become significant and costly, and assist in instilling the proper quality culture in every level of the organization.



## Capabilities

Our team of quality professionals is ready to support any QA need whether it be 10 CFR 50 Appendix B, 10 CFR 830 Subpart A, ANSI or ASME NQA-1 standards, DOE Order 414.1D, or ISO 9000. Several members of our team currently serve or have served on the ASME NQA-1 Standards Committee, and we have trained hundreds of personnel on lead auditing, commercial grade dedication (CGD), and software QA. We identify and target vulnerabilities to surgically repair a weak QA program, or provide the mentoring and counsel to strengthen any existing program. Clients rely on L&A for:

- QA services including program development, program plans, procedures, implementation support, and execution
- Evaluation, review, and upgrade of existing programs and procedures
- Lead auditor training and audits
- Annual QA Assessment Plan development and review
- Quality engineering and N-stamp support
- Commercial grade dedication assistance
- Recurring events analysis
- DOE required QA documentation
- Products such as qualification guides/cards, training plans, audit guides & checklists

## Project Experience

- Developed and implemented, or reviewed, QA programs for DOE clients including the Office of Nuclear Energy; the Salt Waste Processing Facility Project Office; Office of River Protection (Waste Treatment Plant and tank farms); Los Alamos National Laboratory; and the Y-12 Uranium Processing Facility.
- Completed numerous assessments for the DOE and its contractors and national laboratories for the NRC-licensed Yucca Mountain repository project.
- Provided extensive quality engineering and QA support for the Advanced Centrifuge Plant project in Portsmouth, Ohio, including procedures and the procedures manual, CGD, surveys, and vendor audits and surveillances.
- Supported DOE in the development and implementation of the DOE Software Quality Assurance Commercial Grade Dedication training module.

LONGENECKER & ASSOCIATES, INC.

[www.Longenecker-Associates.com](http://www.Longenecker-Associates.com)

Office Locations: Las Vegas, NV; Washington, DC; Idaho Falls, ID; Richland, WA; Oak Ridge, TN  
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*Experience*

*Performance*

*Integrity*

**MISSION ASSURANCE – Quality Assurance**