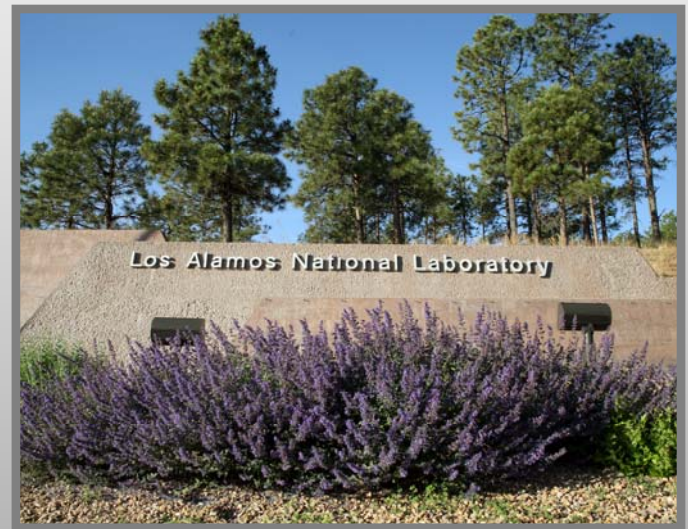


L&A is the recognized expert provider of Quality Assurance (QA) services and products to commercial and government clients. Our focus is to find and resolve quality problems before they become significant and costly, and assist in instilling the proper quality culture in every level of the organization.

## **CAPABILITIES**

Our support covers the entire spectrum of QA needs including program development, program implementation & execution, evaluation services and specific deliverable products for our customers' use – whether it be 10 CFR 50 Appendix B, ANSI or ASME NQA-1 standards, DOE Orders, or ISO 9000. In particular, we can identify and target vulnerabilities to surgically repair a weak QA program, or provide the mentoring and counsel to strengthen any existing nuclear QA program. Clients rely on L&A for:

- QA services including program development, program plans, procedures, implementation support, and execution
- Evaluation and upgrade of existing programs and procedure
- Lead auditor training and audits
- Quality engineering and N-stamp support
- Commercial grade dedication assistance
- Products such as qualification guides/cards, training plans, audit guides & checklists



## **PROJECT EXPERIENCE**

With over 1300 man-years of nuclear experience, our team of over 40 quality professionals are ready to support any QA need. 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. L&A has developed and implemented, or reviewed, quality assurance programs for DOE clients including the Office of Nuclear Energy; Hanford Office of River Protection, Waste Treatment Plant, and tank farms; Los Alamos National Laboratory; and the Yucca Mountain Project. L&A completed numerous assessments for the DOE and its contractors and national laboratories for the NRC-



licensed Yucca Mountain repository project. L&A provided extensive quality engineering and QA support, including procedures and the procedures manual, CGD, surveys, and vendor audits and surveillances, for the Advanced Centrifuge Plant project in Portsmouth, Ohio. Also, we have developed and implemented quality programs for vendors seeking to obtain an ASME N-stamp for nuclear pressure containing components. L&A has supported DOE in the development and implementation of the DOE Software Quality Assurance Commercial Grade Dedication training module.

**LONGENECKER & ASSOCIATES, INC.**

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