

# Startup and Commissioning

L&A successfully assists organizations with their preparation and planning for startup and commissioning of systems and facilities in both nuclear and non-nuclear markets. Our support to clients worldwide includes mentoring through the entire startup and commissioning process from initial planning through inactive commissioning, active commissioning and ultimately to full operations.



## Capabilities

L&A has a number senior personnel who have extensive experience with DOE, the U.S. Navy, and the commercial nuclear power industry in developing and implementing plans for startup and commissioning.

Working with the client, L&A:

- Begins by reviewing the requirements for startup and commissioning
- Develops the startup and commissioning plan and procedures
- Assists in implementing the plans and procedures
- Mentors operations staff in the conduct of nuclear operations
- Periodically assesses the client's progress
- Performs an operational readiness review

In the event that startup requires formal reviews by independent entities, L&A will prepare the client for those reviews by conducting pre-reviews and interviews with client personnel. During those reviews, L&A will be available to assist the client in correcting any deficiencies, and will provide advice and expertise as required.

## Project Experience

Examples of L&A recent experience includes;

- Preparation of a detailed startup and staffing plan for the first-of-a-kind Hanford Waste Treatment Plant for DOE which lays out DOE roles and responsibilities, staffing, and training and qualifications for the federal oversight function during startup of the Low-Activity Waste Facility, Analytical Laboratory, and Balance of Facilities, as well as the overall oversight program and prerequisites for startup activities.
- Support to Operational Readiness Reviews of the LLNL National Ignition Facility and the WIPP Facility in New Mexico.
- Support to the Operational Readiness Certification Advisory Board at the SRS Salt Waste Processing Facility.
- Testing and commissioning U.S. Navy ship components and systems, including for both shipboard and prototype land-based test sites.

LONGENECKER & ASSOCIATES, INC.

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

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Northern New Mexico; Aiken, SC; Vienna, Austria

