

L&A provides highly specialized, responsive technical support as well as experienced-based management support to address client ISMS, safety and authorization basis issues and assist clients in evaluating and addressing safety culture challenges.



## Capabilities

Our highly experienced and committed staff help our clients to address issues that can hinder establishing and nurturing a resilient safety culture. A robust safety culture is fundamental to the delivery of successful projects that meet DOE, other Federal agencies, or private sector objectives. We assist our clients in the delivery of successful safety basis programs and work outputs through activities such as:

- Supplementing client's staff with highly experienced safety analysis personnel to assist with safety basis document development including DSAs and TSRs
- Conducting independent reviews to ensure compliance with federal regulations and guidance
- Performing licensability reviews as well as conducting enforcement investigations (Price Anderson, 10 CFR 830 and 10 CFR 850)
- Identifying deficiencies and opportunities for improvement of the Safety Conscious Work Environment
- Performing external independent reviews under DOE Order 450.2 as well as other related guidance such as DOE Order 420.1 and requirements by NRC, INPO, and IAEA
- Assisting with identification and implementation of actions for improvement of the safety culture
- Assist with continuous improvement of performance

## Project Experience

L&A has been the "difference maker" at several projects the Hanford site by providing unmatched expertise on projects including the Waste Treatment Plant (safety compliance oversight and Safety Culture Assessment), Tank Farms (SAR final review), K Basin (USQ preparation) as well as support at Oak Ridge's Transuranic Waste Processing Center (Safety Culture Assessment) and Independent Assessments of the safety basis programs at the LLNL National Ignition Facility.

L&A also leads nuclear safety training of senior management. For example, L&A assisted in training the Hanford Mission Support contractor in preparation for the new contractor's successful ISMS validation/verification review. L&A personnel have served on the safety culture task team chartered by EFCOG and DOE-HQ Health, Safety, and Security Director. In all cases, recommendations and/or actions taken were the foundation for improving the safety culture at those projects with an improvement in safety and productivity.

LONGENECKER & ASSOCIATES, INC.

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