

Steven L. Zander

Senior Manager – Instrumentation and control
Sargent & Lundy, LLC

Education:

Gavalin College – A. S. Engineering Technology – 1985

Professional Certifications/Registrations:

Project Management Institute Certified Project Manager (PMI #294902)

Mr. Zander has 30 years of experience in instrumentation and controls engineering. His experience includes:

- Instrumentation & Controls Discipline Manager assigned to S&L's Wilmington, DE office on highly complex/large integrated/multi-functional digital controls projects for U.S domestic Nuclear Power Plants.
- \$90MM NSSS Control Systems Upgrade from an analog control system to a new state-of-the-art digital control system at Duke Energy's Catawba and McGuire Nuclear Stations.
- Contract Senior I&C Engineer assigned to the GE ESBWR certification project in Wilmington, NC. Responsible for the development of both Tier 1 and Tier 2 DAC and ITAAC related to Chapter 7 of the DCD for the ESBWR design basis. Additional responsibilities included development of several Topical Reports related to IEEE 603 compliance, I&C system descriptions, equipment specification, controls network design and logic and schematic development.
- I&C Engineering group supervisor in the design and construction of a new Mixed Oxide Fuel Fabrication facility for the Department of Energy. Responsible for the supervision of an eight-person team of I&C Engineers to complete project-related deliverables such as I&C design basis, I&C system descriptions, setpoint calculations, construction specifications, equipment specification, controls network design, logic and schematic development for the safety and non-safety systems.