

DeLeah Lockridge, PE (Nuclear), PMP

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MANAGING ENGINEERING OPERATIONS / PROJECT MANAGEMENT LEADERSHIP

Specializes in: Collaborating with Clients and Leading High-Performing Teams

More than 23 years of nuclear industry experience, including 13+ years managing projects and in corporate management roles. An extensive record of success in managing multiple, concurrent, multimillion-dollar projects. Excels at collaborating in a matrixed, cross-functional environment with fluid priorities and in a highly stringent regulatory environment. Experienced at working on projects at all stages- from gathering requirements to product/process development to the final hand-off of completed deliverable(s). Expert in integrating project goals with broader business objectives. Outstanding communication skills, leadership ability, and business acumen.

Change Management | Vendor Management | Staff Management | Proposal Development | Problem Resolution
Customer Facing | Supply Chain | KPI Metrics | Project Reporting | Contract Review | Mentoring

Professional Experience

Positions with UT-Battelle at Oak Ridge National Laboratory | Oak Ridge, TN

2021 – Present

Group Leader, Nuclear Operations & Licensing Group

2023 – Present

- Provide leadership and mentorship to group members and lab colleagues in the pursuit of ORNL Mission objectives
- Support the design, development, deployment, and operation of advanced reactors (e.g., light water reactors, small modular reactors, microreactors, space reactors)
- Offer expertise, guidance and collaborative services in licensing, operations, siting, safety, security and safeguard activities

Senior R&D Staff, Innovative Nuclear Reactor Development Engineer

2021 – Present

- Provide scientific leadership to strategically advance in the design, construction, deployment, and operation of innovative nuclear power plants.
- Initiate, plan and execute high impact R&D programs and projects - working with project sponsors, research staff, operations staff, and external collaborators
- Work with cross-cutting teams on deployment innovation efforts, including projects in advanced manufacturing, safety, security, safeguards, licensing/regulatory issues, and economics; represent ORNL and US interests in domestic and international settings
- Mentor early career staff to establish a cohesive, functional group and expand the overall capability of ORNL to engage in nuclear power design and construction programs

Positions with BCP Engineers & Consultants | Waynesboro, GA

2018 – 2021

Program Coordinator, COVID-19 Response

2020 – Present

- Developed and implemented COVID-19 guidelines for isolation/quarantine of individuals and return to work protocols, based on Center for Disease Control (CDC) guidelines and project directives from site leadership.
- Liaison between site leadership, direct and indirect employees, and the site-based COVID-19 medical facility; collaborated with corporate and subcontracted medical teams for onsite serology study.
- Responsible for COVID-19 issue resolution and daily reporting to site and corporate executives.

Program Manager, Contracts

2018 – 2020

- Managed indirect reports in Procurement and Subcontract groups while fostering a team-oriented environment; maintained oversight of project change requests and impacts to schedule and budget.
- Mitigated cost and schedule issues, reviewed changes to subcontracts/bridge agreements prior to executive approval.
- Supported qualitative and quantitative evaluations for managing project risk; implemented strategies/actions for risk mitigation.
- Monitored budgetary metrics for reporting of trending data in adherence to schedule and key performance indicators (KPI).
- Developed and implemented trend and change control process for Contracts group; integrated process with project level Change Management Program.

Positions with Westinghouse Electric Company | Monroeville and Cranberry Township, PA

1999 – 2018

Project Controls Manager, Supply Chain

2017 – 2018

- Managed direct and indirect reports in Procurement and Subcontracts groups, as the team maintained oversight of project budgets and schedules.
- Mitigated cost and schedule issues; reviewed changes to subcontracts/bridge agreements prior to executive approval.
- Facilitated qualitative and quantitative evaluations for managing risk to ~\$10M in contingency funding.
- Established budgetary metrics for monitoring and reporting of trending data in adherence to schedule and KPI.

Program Manager

2013 – 2017

- Developed policies and procedures in leading or supporting high-visibility initiatives and projects- such as business development, product delivery, and performance improvement.
- Managed all site-based Operations Control Center activities, performing staff management functions for direct reports- including directing the day-to-day activities, coaching, and performance evaluations.
- Drove collaboration with cross-functional project stakeholders to identify and resolve critical path issues.

Project Manager

2011 – 2013

- Led the planning, design and installation of plant security and communications systems for a multi-billion-dollar engineering, procurement, and construction project.
- Developed and implemented the plan for the integration of operating plant systems with systems under construction.
- Provided clarification to the Executive Commercial Team on each party's contractual obligations, interfacing with customers on changes in scope.
- Resolved daily issues with both customer and corporate executive leadership, developing weekly briefs and presentations of project status and facilitating monthly meetings.
- Organized site meetings with executives, subcontractors, and customers as well as domestic and international delegations from both established and potential partners.

Projects Engineer

2004 – 2011

- Managed multiple recurring, multi-year, multi-million dollar engineering projects, integrating activities of both internal and external clients' cross-functional technical teams.
- Reviewed contract requirements for ~\$3M per project and ~\$40M annually, collaborating with customers to define project plans, deliverables, and resolve technical issues.
- Assessed customers' needs and defined projects that addressed those requirements.
- Led a wide range of business operations, including contract award and execution, order implementation and control, and resolution of customer issues.

Engineer

1999 – 2004

- Interacted with customers' cross-functional staff while performing plant/system testing at multiple customer sites. Confirmed the accuracy of design calculations for key parameters.
- Authored and edited technical project reports, meeting with Federal officials to review report content.

Education

Master of Business Administration – University of South Carolina – Aiken, SC (May 2022)

Master of Engineering, Nuclear Engineering – Penn State University – University Park, PA (December 2008)

Bachelor of Science, Nuclear Engineering – Texas A&M University – College Station, TX (August 1998)

Certification in Safety Engineering – Texas A&M University – College Station, TX (August 1998)

Minor, Spanish – Texas A&M University – College Station, TX (August 1998)

Certifications & Licensure

Professionally licensed Nuclear Engineer (**PE, Nuclear**) in the Commonwealth of PA and the State of GA (by comity) - active

Project Management Professional (**PMP**) – Project Management Institute (PMI) - active

Safeguards Information (**SGI**) Qualified, Vogtle Units 3&4 Construction (2013 – 2016)

Awards

2011 George Westinghouse Signature Award of Excellence Recipient

2022 Beta Gamma Sigma International Business Honor Society Inductee, Member

2022 Texas A&M University Department of Nuclear Engineering Distinguished Alumni Award Recipient