

BRIAN J. BIELECKI

EXPERIENCE SUMMARY

Highly experienced leader of engineering, quality and regulatory programs and operations, with demonstrated success developing high performing organizations to deliver multi-site programs and projects, conduct complex applied research, apply and assess comprehensive regulatory programs, provide life-cycle management of nuclear facilities, and execute 24/7 operations for nuclear energy, national security, defense, and environment missions. Key strengths include:

- Planning and execution of multi-disciplined operations and projects that consistently exceed expectations.
- Integrating performance assurance practices and lean six-sigma, quality, organization effectiveness, and continuous improvement tools to establish organization technical and operational excellence.
- Leading functionally diverse teams to optimize the execution of business strategies and plans, expand organization capabilities, solve complex problems, and develop new business opportunities.

DETAILED EXPERIENCE

Vice President, Mission Assurance – Longenecker & Associates

April 2019-Present

Manages L&A's various Mission Assurance-related projects and activities, including Quality Assurance, Contractor Assurance, Environment Safety and Health (ES&H), regulatory and security programs and tasks throughout the DOE and NNSA complex. Provides technical expertise in the areas of QA, CAS and ES&H, Designs and delivers optimized and integrated suite of systems, tools and processes to ensure compliance, enhance performance, reduce costs and increase efficiency.

Exelon Corporation PA and GA

2013-March 2019

Corporate Program Management and Business Planning Leader

Corporate Program Management and Business Planning Leader for nation's largest energy provider in all stages of the energy spectrum and the largest carbon free energy generator. Manage business planning and financial execution for a \$75 million portfolio of projects and programs. Oversee \$14 million Electric Power Research Institute technology transfer programs and \$6 million industry owner group projects. Direct business innovation initiatives and corrective action program. Lead organization effectiveness and engineering skills and knowledge development initiatives.

- Lead strategies and actions to improve project planning and financial performance resulting in improved execution and re-directing \$5 million to emergent business project needs.
- Lead organization innovation initiatives to integrate technologies that reduce costs and improve reliability.
- Lead industry equipment performance assessments resulting in industry-wide improvement initiative.
- Direct development and implementation of improved fleet-wide engineering key performance indicators.

- Lead development and delivery of highly rated fleet-wide engineering skills and leadership training.

Nuclear Industry Review Team Leader (30-month industry loan rotation)

Lead nuclear power plant engineering, project, and operations evaluations for Institute of Nuclear Power Operations (INPO) and World Association of Nuclear Operators (WANO). Team lead for system performance, materials test and inspection practices, and quality assurance program reviews. Lead organization effectiveness strategies and conduct industry training program accreditation reviews.

- Led multi-disciplinary teams to assess engineering practices, projects, and programs at domestic and foreign nuclear stations; recognized for evaluation and recommendation effectiveness.
- Led performance reviews to evaluate effectiveness of material programs, and operational, material examination (NDE), and maintenance practices to optimize performance of major utility assets.
- Led industry-wide engineering best practice reviews and highly rated leadership/problem-solving training.
- Key contributor on multiple organization effectiveness and training accreditation reviews.

Corporate and Site Engineering Leader

Director serving in multiple engineering leadership roles. Corporate engineering director providing oversight and assessing performance of engineering and contractor services and ensuring compliance with multiple regulatory policies. Deputy site director overseeing engineering projects, programs, and services to ensure safe and efficient operations, and integrate technology to optimize performance. Direct plant and infrastructure modifications for reliable operations. Identify capital investment strategies to optimize generation capacity.

- Directed technical product quality improvement initiatives to consistently deliver highly rated products.
- Led development of capital equipment/systems life cycle, bridging, and modification strategies to improve long-term generation reliability and execute \$10–\$50 million capital projects to plan.
- Led cross functional teams to assess and improve engineering program safety and reduce program risks.
- Led development and 14-site delivery of highly rated leadership and problem solving training.
- Executed effective business workforce and safety strategies to reduce injuries and improve inclusiveness.

Sandia National Laboratories – Lockheed Martin Corporation (LMC) Albuquerque, NM

2008-2013

A multidisciplinary, multi-site \$3.0 billion 11K personnel national laboratory performing R&D and production operations, multiple complex engineering and science programs, and technical projects for time sensitive energy, defense, homeland security, environmental, and aerospace missions in highly regulated environments.

Director, Security, Emergency Management, & Performance Assurance Programs

Executive management leader for a 300 staff, 100 contractor personnel Center with a \$90 million portfolio of multi-site customer programs, infrastructure projects, 24/7 emergency response and technical system operations. Lead development of corporate policies and performance of Center quality, training, and finance functions. Lead interfaces with customers, Board of Directors, and Federal Agency and military leaders. Direct division organization effectiveness and leadership development initiatives.

- Led multi business center integration strategies to enhance customer service by leveraging resource and program synergies. Realized \$1 million/year savings and high performance and customer ratings.
- Delivered \$30 million, multi-site technology integration project ahead of plan, and under budget.
- Reduced operating and program costs over \$5 million/year and improved customer service capabilities through lean/six sigma, quality systems, risk management, and technology integration strategies.
- Directed implementation of crisis management, business continuity, and information security plans. Led highly rated complex-wide active aggressor prevention and response strategies, plans, and training.
- Facilitated development of a cost effective risk-based protection strategy across Office of Science sites. Led Laboratory engagement with Office of Enforcement resulting in positive outcomes.

Director, Environment, Health, Safety (EHS), Radiation, & Performance Assurance Programs

Executive management team leader for a business center with 260 staff, several support contractors, and a \$65 million portfolio of EHS programs, technical services, hazardous material processing, and laboratory operations. Lead development of corporate policies and execution of environmental engineering projects, complex operations, and sustainable development initiatives. Direct quality, finance, and training functions.

- Directed actions to achieve ISO-14001 Environmental Management System (EMS) certification.
- Led post-accident recovery assessment and improvement actions for test facility operations, including development of comprehensive control processes to improve safety and reliability.
- Led process improvements in hazardous material processing and emergency response capabilities.
- Led implementation of business wide human error reduction and process mistake proofing strategies.

Knolls Atomic Power Laboratory Schenectady, NY

1991-2008

Multi-site 2600 employee research, engineering, and training facility operated to advance Navy Nuclear propulsion technologies, provide technical support for the safe and reliable fleet operations, and deliver specialized training.

Senior Manager, Security Engineering and Operations Programs

Direct a 100 personnel organization and \$15 million portfolio to execute multi-site projects, programs, and operations. Lead hardware development and 24/7 protection strategies and security operations. Direct business quality and corporate training programs and high security tactical response operations

and training.

- Led on time on budget delivery of post 9/11 multi-million-dollar infrastructure and technology integration projects to enhance protection capabilities for critical facilities, utilities, and infrastructure systems.
- Led multi-company strategic initiative to establish common security operations, critical infrastructure protection strategies, and system designs; resulting in improved performance and \$2 million in savings.
- Directed industry-leading adversary force attack scenario tests at high security DOE, DoD, and NRC complexes. Adversary teams recognized for effectiveness in testing protection strategies.

Senior Manager, Experimental Engineering & Test Complex

Multi-site engineering leader directing a 140 personnel organization with a \$25 million project portfolio for time sensitive missions. Lead applied research programs, specialized production facilities, and analytical laboratories to advance propulsion technologies, hardware, and engineered materials. Direct business quality, EHS, and training functions and Laboratory-wide team effectiveness initiatives.

- Led design, construction, and operation of complex first of kind facilities and infrastructure systems used to develop new capabilities; expanded laboratory and production facilities by 50% to meet customer needs.
- Improved plant utilization, engineering product quality, and production assembly efficiency by 20%.
- Led multi-company strategic initiative that established centers of excellence, reducing costs \$3 million.
- Established environment/safety best practices to eliminate permit violations and reduce injuries by 50%.

Manager, Nuclear Operations, Engineering, & Test Programs

Direct 24/7 nuclear plant operations, tests, construction projects, and training programs at multiple DOE/DoD nuclear prototypes. Lead \$10 million multi-shift applied research programs. Train Naval Nuclear personnel.

- Reduced unplanned downtime 20% and costs \$0.5 million/year with maintenance and training strategies.

EDUCATION

M.E. – Systems Engineering

Graduate Certificate – Systems Design – Stevens Institute of Technology

MBA – Business

M.S. – Environmental Management, Policy and Technology – Rensselaer Polytechnic Institute

M.P.S – Homeland Security Leadership – University of Connecticut

B.S. – Marine Engineering – Massachusetts Maritime Academy

LMC and National Security Leadership Development Programs; Naval Nuclear Engineering Program

CORE COMPETENCIES

- Multi-Site Projects and Programs
- Quality and Lean/Six Sigma Applications
- Multidisciplinary Regulatory Programs
- Technology Development and Integration
- Facilities Life-cycle Management
- Strategic Planning and Execution
- Change and Risk Management
- Talent Development/Management
- Customer/Regulator/Community Relations
- Business Financial Performance

CERTIFICATIONS

Project Management Professional; Lean/Six Sigma Black Belt; ASQ Operations Excellence Manager and ASQ Quality Auditor; ANSI Senior Reactor Operator; Problem Solving and Leadership Program Facilitator.

Affiliations: Project Management Institute; American Society for Quality (ASQ); University Adjunct Staff.

Business: Executive Capital Investment, Engineering Excellence, Strategic Education, Environmental Management, Diversity, Reactor Operations Safety, and Quality Councils. Nuclear Security Steering Committee.

Community: Previous New York State School Board of Education President /Member; United Way Campaign Chair.