

Pamela A. Horning

Ms. Horning is a senior executive with more than 26 years of experience in the nuclear industry associated with commercial nuclear operations, naval nuclear core manufacturing, environmental management and DOE nuclear weapons production and operations. Challenging, high-profile assignments have characterized her career. Her experience includes assignments in commercial nuclear manufacturing, Rocky Flats, Y-12 Nuclear Weapons Complex (NWC), and Lawrence Livermore National Security (LLNS). Ms. Horning is experienced in operational and safety performance at NRC and DOE regulated facilities that comprise complex, high consequence nuclear and national security operations. During her career, Ms. Horning has held a variety of leadership positions in Nuclear Safety, Quality Assurance, Engineering, Operations, Emergency Management, and Project and Program Management.

PROFESSIONAL EXPERIENCE:

Ms. Horning currently holds the position of Vice President with Babcock & Wilcox Technical Services Group (B&W-TSG). She is responsible for a wide variety of business development and strategic operational initiatives across NNSA and DOE. Additionally, she held the position of Vice President of Operational Assurance for B&W-TSG. In this role, Pam ensured that consistent and rigorous operational and safety best practices and continuous improvement were applied across B&W-TSG's 15 DOE and commercial sites involving complex, high-consequence nuclear and national security operations. Her responsibilities included oversight of more than 1,000 nuclear operations and nuclear safety professionals across the DOE complex.

Previously, Pam held the position of Deputy Principal Associate Director of Operations and Business at Lawrence Livermore National Security (LLNS). In this position, she directed activities and implemented Lab-wide policies in the areas of operations, infrastructure, business and human capital.

Prior to LLNS, Pam held various Director positions at the Y-12 Nuclear Weapons Complex in Oak Ridge, Tennessee. During her 7 years at Y-12, she held the positions of Director, Uranium Manufacturing Modernization (2004 – 2005), Director of Engineering and Technology (2002 – 2004) and Director of Enriched Uranium Operations Restart (2000 – 2002). In these positions, Pam successfully applied her wide base of experience in nuclear operations, safety analysis and project management to meet the challenges and national security objectives of NNSA. As the Director of Uranium Manufacturing Modernization, Pam was the single management point of contact for DOE and NNSA personnel, external stakeholders and DNFSB for all matters related to uranium manufacturing modernization and transformation at Y-12 including the \$3.5B Uranium Processing Facility Line Item project. As the Director of Engineering and Technology, she managed 735 employees, with an annual budget of \$120 million, and was responsible for safety analysis, engineering and technology innovations for all of Y-12. Under Pam's leadership, Y-12 developed an Engineering and Technology Strategic Plan – a 10-year roadmap for Y-12's technological future that defined initiatives for performing work more efficiently, establishing and maintaining technical bases for design and operations, enhancing critical skills and improving engineering infrastructure. As Director of Enriched Uranium Operations Restart, Pam applied her enriched uranium processing experience to successfully restart enriched

uranium operations at Y-12 after an 8-year stand-down. Within 6-months of assuming this position, Pam led her team of 200 people to successfully complete its first of three ORR's - providing DOE with mission-critical production capability.

For DOE's Rock Flat's Environmental Remediation project, Pam was responsible for the stabilization and packaging of 60 metric tons of plutonium-contaminated nuclear waste that was eventually shipped to WIPP. She increased throughput by 200% in less than one-year and sustained a packaging and certification rate that met DNFSB completion milestones. She was recognized for her proactive management and continuous improvement in radiological programs that reduced workers' doses by 30%.

From 1983 to 1999, Pam held positions of increasing responsibility for naval reactor fuel and component manufacturing at B&W's Naval Operations Division. In 1995 she was appointed as the Project Manager for HEU processing where she lead an integrated project team responsible for all quality, technical, cost and schedule performance for multiple nuclear chemical processing and component fabrication projects. Pam developed and implemented \$100 million in new business in three years and managed projects for a variety of customers such as DOE, Naval Reactors, USEC and Atomic Energy Canada Limited (AECL).

EDUCATION

M.S. Engineering Administration, George Washington University

B.S. Chemical Engineering, Purdue University

PROFESSIONAL AFFILIATIONS / CERIFICATIONS / AWARDS

Chair and Board of Directors, Energy Facility Contractors Group

Certified Project Management Professional

DOE Award of Excellence

Chair, Los Alamos National Security (LANS) Nuclear Operations and Security Subcommittee of the Board of Governors' Business and Operations Committee

University of Tennessee Entrepreneurial Board

University of Tennessee Committee for Engineering Management