

MICHAEL T. COYLE

EXPERIENCE SUMMARY

Thirty-three years as a United States Naval Officer, achieving the rank of Rear Admiral. Extensive experience in operations, engineering and maintenance of nuclear and conventional power systems. Eleven years as a senior manager and executive in the commercial nuclear power field and two and a half years as a Department of Energy (DOE) contractor. Special skills/experience in:

Performance Improvement: Led a commercial nuclear power plant during the longest continuous operation in the plant's history and reduced best prior refueling outage duration by 40% with no lost time injuries. Successfully directed another commercial nuclear power plant through a comprehensive inspection by the Nuclear Regulatory Commission (NRC).

Engineering Management: Directed the largest headquarters engineering organization and was the senior Engineering Duty Officer in the U.S. Navy before leaving active duty in 1998.

Financial Management: Drove cost reductions at several large industrial organizations, including a commercial nuclear power plant. Achieved savings of over 20% in overhead labor, 20% improvement in direct labor performance and a 40% reduction in overtime.

Nuclear Safety Culture: Coordinated the nuclear industry task force, working with the NRC staff and their stakeholders, in developing the framework for regulating nuclear safety culture. Led the implementation of Nuclear Safety and Quality Culture at the Hanford Waste Treatment and Vitrification Plant. Directed the implementation of NEI 09-07, Fostering a Strong Nuclear Safety Culture, at WTP, the first DOE project to do so.

Performance Assessment: Responsible for overseeing preparation for and execution of biennial evaluations of Exelon's 10 nuclear stations by the Institute of Nuclear Power Operations (INPO). 9 of the 10 stations have received INPO's top rating and the 10th station has been recognized for improved performance.

EMPLOYMENT HISTORY

Management Consultant Longenecker & Associates **2012-Present**
Provides consulting services for nuclear safety culture and nuclear performance improvement.

Manager, Nuclear Safety & Quality Culture and Commissioning Support **2009-2012**
Hanford Waste Treatment and Immobilization Plant (WTP) Project, Richland, WA
Reported directly to the Project Director. Duties included leadership of WTP's Nuclear Safety and Quality Culture (NSQC) initiative. Was also responsible for WTP Commissioning Training and Program Development and Process Technology.

Vice President of Special Projects Exelon Nuclear, Kennett Square, PA **2006-2009**
Initially responsible for the operations of Exelon's six nuclear reactors in the Mid-Atlantic region then led preparations for operational safety inspections of all 10 Exelon nuclear reactors in the Mid-Atlantic and Midwest as well as a corporate evaluation of Exelon by the Institute of Nuclear Power Operations (INPO).

-
- Vice President, Operations** **2004-2006**
Nuclear Energy Institute (NEI), Washington, DC
Served a 16-month loaned assignment at NEI from the Nuclear Management Company. Reported directly to NEI's Chief Nuclear Officer. Was responsible for providing leadership and oversight on generic engineering and operational issues. Responsibilities involved significant interactions with the commissioners and senior staff of the Nuclear Regulatory Commission. Worked with the NRC in developing the regulatory framework for Nuclear Safety Culture.
- Vice President** **2003-2004**
Nuclear Management Company (NMC), Hudson, WI
Reported directly to the Chief Executive Officer for business development. Represented NMC on the management committee for developing the Gas Turbine-Modular Helium Reactor and the Pebble Bed Modular Reactor. Was one of the eight key-personnel on the University of Chicago team bidding to operate the Idaho National Laboratory. Was the senior executive responsible for oversight of an NMC station's preparation and receipt of a special diagnostic inspection by the Nuclear Regulatory Commission (NRC). Was picked for this assignment based on the success of guiding Cooper through a similar inspection.
- Vice President and Assistant Vice-President** **2001-2003**
Cooper Nuclear Station, Brownville, NE
Senior executive responsible for safe and reliable operation of an 800MW nuclear power plant. Selected by the Nuclear Management Company (NMC) to participate in a management services contract with the Nebraska Public Power District (NPPD) to operate Cooper on their behalf. At the completion of this assignment was awarded the first ever Commendation for Superior Performance by the NPPD Board of Directors.
- Director of Plant Support** **2001**
Monticello Nuclear Generating Plant, Monticello, MN
Direct report to the site Vice-President; responsible for financial management, business planning, security, licensing, safety assessment, information technology and training. Led the site performance gap analysis to identify performance and resource shortfalls.
- Vice President and Assistant Vice President** **1999-2001**
Clinton Power Station, Clinton, IL
Senior executive of PECO Energy and AmerGen Energy, a joint venture with British Energy, at a 980 Megawatt nuclear power plant. Responsible for safe and reliable operation while at the same time streamlining to enable the station to effectively compete in the deregulated electrical generation market. Reduced staffing from 925 to 850 over a nine-month period. Responsible for development and execution of \$175 million operations and capital budget.
- Senior Manager** **1998-1999**
PECO Energy Nuclear, Chesterbrook, PA
Participated in activities to become familiar with commercial nuclear plant operation and management. Took part in large industrial work periods at both of PECO's nuclear reactor stations, Peach Bottom Atomic Power Station and Limerick Generating Station.

Director of Engineering **1996-1998****Naval Sea Systems Command Headquarters, Arlington, VA**

Responsible for exercising technical authority over the design, construction, and maintenance of all ships in the U.S. Navy. Managed a staff of more than 650, mostly engineering personnel. Responsible for the development and execution of an annual operating budget of \$ 440 million and had execution control over \$1.3 billion of the ship construction budget.

Director of Fleet Maintenance **1993-1996****U.S. Pacific Fleet Staff, Pearl Harbor, HI**

Responsible for developing and executing an annual ship maintenance budget of more than \$1.5 billion. Exercised general supervision and management of maintenance and repair for Pacific Fleet ships and aircraft. Extensive experience in dealings with Pacific Rim nations.

Director of Submarines **1992-1993****Naval Sea Systems Command Headquarters, Arlington, VA**

Responsible for overseeing program management of submarine construction and operational support. Certified all submarines technically prepared for sea following construction and after significant shipyard overhaul and repair periods. Managed over 400 personnel, mostly civilian engineers.

Commander **1989-1992****Mare Island Naval Shipyard, Vallejo, CA**

Executive director of one of the Navy's largest industrial establishments. Responsible for providing overhaul and repairs to several classes of ships, including nuclear powered ships and submarines. Directly responsible for 182 military and 7250 civilian personnel. Annual operating budget of \$450 million.

Commander **1988-1989****Pearl Harbor Naval Shipyard, Pearl Harbor, HI**

Executive director of a large industrial establishment responsible for overhaul and repairs to US Navy ships and submarines. Directly responsible for 6200 civilian and military personnel. Annual operating budget of \$350 million.

Previous work assignments included various project and operations management positions in nuclear industrial facilities, as well as shipboard department head positions.

EDUCATION**U.S. Naval Postgraduate School, Monterey, CA**

Master of Science in Mechanical Engineering, 1976

U.S. Naval Academy, Annapolis, MD

Bachelor of Science in Engineering/Naval Science, 1965

Pennsylvania State University Executive Management Program, 1984

Naval Nuclear Propulsion Training, 1965-1966

U.S. Navy Engineering Duty Officer School Basic and Senior Courses U.S. Navy Submarine Officer School