

MICHAEL F. BRADLEY

Project Manager II

EDUCATION

B.S. – Electrical Engineering, United States Naval Academy, 2001

M.S. – Engineering Management, Old Dominion University, 2006

CERTIFICATIONS/TRAININGS/AFFILIATIONS

Greenbelt Certification, Lean Six Sigma, 2008

MILITARY

Naval Nuclear Power Trained Officer/Plant Engineer

United States Naval Academy

- Thorough knowledge of design and operation of engineering plant equipment including heat exchangers, hydraulic plants, pneumatic systems, steam turbines, diesel engines, lubricating oil systems, pumps (multi-stage centrifugal and positive displacement), valves, water chemistry control, radiological controls, AC and DC power generation and distribution, and parameter monitoring systems. Supervised plant during both shutdown/maintenance and operational periods.

Naval Nuclear Power School and Prototype Graduate

- One year of intense post-graduate level and hands-on studies in mechanical engineering, electrical engineering, and chemistry. Received additional training in nuclear engineering and power plant design, operation, and management.

PROFESSIONAL EXPERIENCE

United States Navy (2001-2010)

Design Engineer II (2009-Present)

Cambria Consultants, Inc.

- Provided design engineering for Cheswick Power Plant Water Lab electrical demolition and power feed installation.

Mission Assurance Officer (2006-2008)

National Reconnaissance Office Satellite Program

- Parts, Materials and Processes lead for \$10 billion satellite program, directly managing \$30 million Mission Assurance budget. Government lead in charge of 27 civilian contractors.
- Initiated new radiation effects plan for parts that saved the government \$1 million in 2007.
- Volunteered and served on a Mission OPS team during a satellite post-launch crisis, ensuring safe and complete spacecraft deployment and intelligence data to the user community.

Case Writer (2006)

Guantanamo Bay War Crimes Trials

- Built Classified and Unclassified Case Summaries for enemy combatants held at U.S. Naval Base Guantanamo Bay, Cuba, for use in annual Administrative Review Boards.
- Received extensive training in radical Islamic culture, al-Qaeda, the Middle East culture.
- Received Joint Commendation Medal for initiating a program where Case Writers visited soldiers injured in Iraq and Afghanistan at Walter Reed Army Hospital.

Quality Assurance Officer, Docking Officer, TSO (2005-2006)

USS West Virginia Submarine

- Ensured that proper controls were enforced for all maintenance vital for operational safety (submerged and resurfaced) of a \$2 billion submarine and for all work on nuclear reactor.
- During two month, \$50 million dollar dry-docking, was the officer responsible for the docking/undocking of the submarine and all Quality Assurance (Subsafe) maintenance.
- Tactical Systems Officer (TSO) for the 2006 Tactical Readiness inspection in which the submarine received the highest score in the Atlantic Fleet in three years, as well as the Squadron 20 Tactical "T."
- Recognized as the most outstanding of all the junior officers in standing the Officer of the Deck.
- Led a division of 13 Sonar Technicians.

Main Propulsion Assistant (2003-2004)

USS West Virginia Submarine

- Managed 15 nuclear mechanics responsible for maintaining ship's nuclear mechanical systems including steam generators and all steam/fluid systems in the engine room.

Damage Control Assistant (2003)

USS West Virginia Submarine

- Directly managed 17 mechanics responsible for maintaining ship's non-nuclear mechanical systems including the diesel and oxygen generators, rudder and planes.
- Served as Engineering Officer of the Watch during the Operational Safeguards Examination (ORSE). Cited by senior board member as most outstanding of evaluated watchstanders.