Shaina Jamie Blunt

Cell: 619-992-3879
Email: sbb5197@psu.edu

PROFESSIONAL SUMMARY

Navy Engineering Watch Supervisor, Reactor Operator, and Electronics Technician with eight years experience in the operation of pressurized water reactors, maintenance of analog and microprocessor based instrumentation and control equipment, and training nuclear operators. Extensive background in the coordination, planning, execution, and assessment of nuclear safety related maintenance and repairs. Excel at the operation of reactor control, power generating, and electrical distribution equipment with a focus on reactor instrumentation.

OBJECTIVE

Pennsylvania State University Nuclear Engineering Undergraduate seeking out internship program involving Nuclear Technology.

SUMMARY OF QUALIFICATIONS

- Eight years continuous operational experience on two pressurized water reactor designs
- Qualified Engineering Watch Supervisor on S8G platform
- Three years as a operations, maintenance, and reactor theory instructor
- Reactor safety maintenance training event and seminar leader
- Qualified supervisor for reactor instrumentation and control equipment maintenance and repair
- Eight years experience operating emergency response equipment, including firefighting equipment and respiratory gear
- Excellent written and oral communication skills
- Qualified Radiation Worker, experienced with work controls associated with potentially contaminated systems
- Active Confidential Clearance

AREAS OF EXPERTISE

- Work package and procedure writing
- Maintenance Scheduling and Coordination
- Preventive and corrective maintenance
- Radiological Controls
- Technical instructor
- Reactor plant operation
- Reactor instrumentation and control equipment
- Steam and power generation equipment
- Reactor safety equipment
- Evaluation of logged data for abnormal conditions and trending

EDUCATION

College

- Currently Nuclear Engineering Undergraduate Student at Pennsylvania State University. (Class of 2016)

Technical Training

- Nuclear Electronics Technician Field A School, Charleston, SC. (October 2005)
- Nuclear Power School, Charleston, SC. (April 2006)
- Nuclear Propulsion Plant Reactor Operator, Nuclear Power Training Unit, Ballston Spa, NY (October 2006)
- Electronics Technician Maintenance School (November 2008) Completed coursework designed to train skilled electronics technicians in troubleshooting digital and analog control systems, component level repair, and nuclear grade soldering.

EXPERIENCE

Theory and Operations instructor / Reactor Operator / Maintenance Technician **March 2010- August 2013**
Nuclear Power Training Unit, Ballston Spa, NY

- As primary instrumentation and control technician, performed maintenance and repair of instrumentation and control equipment during dynamic critical and shutdown conditions. Effected timely repairs of nuclear instrumentation and reactor safeguards equipment, resulting in reduced unplanned down-time and increased plant availability for the primary focus of training.
- Worked closely with all levels of civilian and military plant management to ensure equipment deficiencies, operational limitations, and required repairs were understood and completed prior to critical operations.

- Conducted operational and reactor theory training with students and staff resulting in the qualification of over 100 students and staff in a six month period.
- Trained students and staff in the performance of casualty operations and abnormal operating conditions.
- Operated as a member of the casualty response team, including firefighting and damage control teams.
- Developed Electronic Rod Drive Power Supply Curriculum used by fleet-wide Electronics Technician Maintenance Schools.
- Scheduled watches and tracked progress, upgrades and exams for Reactor Operator and Engineering officer of the watch students to ensure successful qualification over 50 students.

Division Supervisor / Reactor Operator / Maintenance Technician Supervisor **October 2006- March 2010**
USS Nimitz (CVN 68)

- Supervised 17 technicians, flawlessly maintained reactor safety records and coordinated the successful completion of over 250 engineering maintenance items. Attention to detail and meticulous planning led to USS Nimitz success during the 2009 Operational Reactor Safeguards Examination, the Navy's most demanding engineering inspection.
- Developed operational, maintenance, and troubleshooting and repair procedures for the testing of key instrumentation and repair of several key instrumentation and control systems and detectors.
- Played a key role in the troubleshooting and repair of the Rod Control System during two equipment failures, maintaining continuity of propulsion and electrical power allowing USS NIMITZ to complete composite training unit exercise successfully without any operational restrictions.
- Trained junior operators in proper watch standing, to include the need for strict procedural compliance, adherence to program standards, and the need for integrity. Fostered an atmosphere where operators could report problems in maintenance and operations without fear of repercussions.
- Reviewed, maintained, and evaluated logs on instrumentation, steam generating, and power generation equipment for trend analysis and proper equipment operation. Made recommendations on equipment operation based on log evaluations.

ACHIEVEMENTS

- Awarded 2 Navy Achievement Medal's for outstanding management, planning, and operations.
- 2 Good Conduct Medals
- 2 Admiral Citations