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**NUCLEAR ELECTRONICS TECHNICIAN/ TECHNICAL SUPERVISOR**

*Established operator, manager and technician with over 6 years’ experience in diverse maintenance and engineering disciplines including nuclear power plant operations, plant instrumentation, reactor control, procedural compliance, and casualty response. Able to flawlessly operate a naval nuclear reactor and electronic support equipment. Thorough knowledge of schematics, technical manuals, troubleshooting and repair, and maintenance. Troubleshot and repaired electronics to component level,*

*while thriving in fast pace environments. Current Secret clearance.*

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**AREAS OF EXPERTISE**

* Complex Maintenance
* Nuclear Equipment
* Trend Analysis
* Industrial Safety
* Quality Assurance
* Reactor Theory
* Electrical Installation
* Maintenance Scheduling
* Component Troubleshooting
* Nuclear Power Plant Operation
* Hydraulic & Pneumatic Systems
* Procedure Creation

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**PROFESSIONAL EXPERIENCE**

**Reactor Maintenance Technician | Nuclear Electronics Technician November 2015 – August 2019**

**United States Navy**

* Trained and supervised a specialized team of maintenance technicians.
* Cross-coordinated with executive level leadership and engine room operators to align repairs, preventative maintenance, nuclear power instrumental alignment, differential pressure instrumentation, and test point calibrations.
* Conducted the operating and maintaining of nuclear reactor control and safety equipment.
* Operated a nuclear reactor as both maintenance technician and senior shut-down reactor operator.
* Coordinated and supervised preventative and corrective maintenance scheduling, maintenance action processing, work package processing, and maintenance project management.
* Analyzed maintenance requirements and repaired all electronic equipment for reactor monitoring, and instrumentation and control equipment.
* Performed 24/7 watch operations within condensed timelines; conducted trend analysis to identify deficiencies, reactive drills and casualty response, and maintenance projects.
* Qualified as the Reactor Maintenance Technician; supervised reactor plant maintenance and performed troubleshooting on newly installed plant instrumentation resulting in the resolution of discrepancies between procedures and equipment.
* Qualified Reactor Operator and Shutdown Reactor Operator; performed over 4,000 hours on an A4W nuclear power plant.
* Implemented a review process to align paperwork and maintenance logs preventing countless administrative and technical issues maintaining safe and proper nuclear power plant operation.
* Accounted for and properly documented all items; ensured all established standards and procedures were followed including maintenance, tool control, HAZMAT, and safety program guidelines.
* Was selected to be one of three watch team reactor operators during two different fleet forces examinations resulting in continued safe nuclear reactor operations.

**Nuclear Electronics Technician | Supervisor June 2017 – August 2019**

**United States Navy**

* Spearheaded required maintenance, training, and qualifications.
* Performed machinery equipment maintenance to detect and report malfunctions including out-of-tolerance machinery.
* Conducted system checkouts and quality assurance inspections, while troubleshooting and repairing equipment.
* Ensured proper work controls and tag outs were in place before initiating maintenance or repair operations.
* Tested system units using standard testing equipment; analyzed results to evaluate performance and determine need for adjustment and replacement.
* Coordinated and de-conflicted maintenance items across departments, minimizing the impact on operations and allowing rapid resumption of power operations, while maximizing both personnel and reactor safety.
* Identified malfunctioning equipment and repaired vital reactor control instrumentation.
* Performed calibration on a variety of high and low-pressure instruments.
* Undertook equipment repairs underway to ensure on-time completion of mission.
* Coordinated, planned, and executed the replacement and alignment of Primary plant detectors requiring extensive radiological controls and coordination with shipyard facilities.

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**EDUCATION AND TRAINING**

**Nuclear Propulsion Plant (Prototype) July 2015**

* Completed 6 months of advanced nuclear prototype training which involved the safe operation of a naval nuclear propulsion plant during startups, shutdowns, transient operations, and casualty scenarios.

**Naval Nuclear Power Training Command January 2015**

* Trained in electrical power generation, AC/DC circuits, electronic components, digital circuits, physics, water chemistry, radiological controls and effects, reactor principles, nuclear reactor material selection and inspection, and coordination of the nuclear, steam, and electric plants.

**Electronics Technician Nuclear Field “A” School May 2014**