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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. Troubleshooted 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 United States Navy

November 2015 – August 2019

- 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 United States Navy

June 2017 – August 2019

- 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**