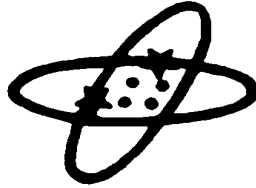


CHAPTER 32



ELECTRONICS TECHNICIAN, NUCLEAR POWER (ETN)

NAVPERS 18068F-32K
Change 107

Updated: July 2026

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NAVY ENLISTED OCCUPATIONAL STANDARD
FOR
ELECTRONICS TECHNICIAN, NUCLEAR POWER (ETN)



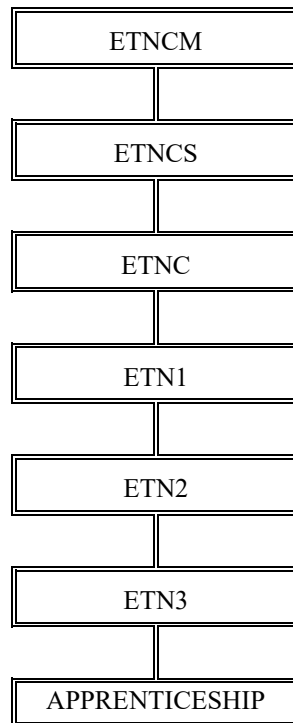
SCOPE OF RATING

Electronics Technicians, Nuclear Power (ETN) operate and maintain Naval Nuclear propulsion plants and associated equipment: supervise and administer Naval Nuclear propulsion plant operations; demonstrate knowledge of reactor, electrical, mechanical, and radiation theory involved in the operation of the nuclear reactor, steam plant, propulsion plant, and auxiliary equipment; demonstrate detailed knowledge of reactor and steam plant chemistry and radiological controls; operate and perform organizational and intermediate maintenance on electronic equipment used for propulsion plant control, instrumentation, measurement, alarm warning, power distribution, protection and airborne particulate radiation detection; operate General Purpose Test Equipment (GPTE) and auxiliary equipment; test, calibrate, maintain, and repair electronic and hydraulic-electric systems that support reactor plant operation on both submarines and surface ships.

This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) as Chapter 32.

GENERAL INFORMATION

CAREER PATTERN



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title**Submarine Reactor Control Operator****Job Code****003779****Job Family**
Production**NOC**
TBD**Short Title (30 Characters)**
SUB REACTOR CONTROLS OP**Short Title (14 Characters)**
SS REAC CNT OP**Pay Plan**
Enlisted**Career Field**
ETN**Other Relationships and Rules**
NEC NXXX, 7XXX series and other NECs as assigned**Job Description**

Submarine Reactor Control Operators perform operations and basic preventive maintenance on electronic equipment used for reactor control, rod control, reactor protection and alarm systems, primary plant instrumentation, nuclear instrumentation, primary plant control, water level control, power electronics, and other electrical and electronic support equipment (e.g., Computer-Based Test (CBT) equipment, Shipboard Information Technology (SBIT)); demonstrate knowledge of reactor, electrical, mechanical, and radiation theory involved in the operation of nuclear reactors, steam plants, and auxiliary equipment; demonstrate detailed knowledge of chemistry and radiological controls associated with the nuclear reactor; supervise reactor plant shutdowns; perform critical work functions required to repair and maintain instrumentation and control equipment; and work under the supervision of a mentor while learning their trade or skill.

DoD Relationship**Group Title**
Nuclear Power**DoD Code**
166100**O*NET Relationship****Occupation Title**
Nuclear Power Reactor Operators**SOC Code**
51-8011.00**Job Family**
Production**Skills***Operation and Control**Operation Monitoring**Systems Evaluation**Equipment Maintenance**Management of Material Resources**Complex Problem Solving**Reading Comprehension**Repairing**Troubleshooting**Critical Thinking***Abilities***Written Comprehension**Problem Sensitivity**Finger Dexterity**Manual Dexterity**Deductive Reasoning**Inductive Reasoning**Information Ordering**Speed of Closure**Written Expression**Arm-Hand Steadiness***ENGINEERING MANAGEMENT****Paygrade**

E4

Task Type

CORE

Task Statements

Perform tag-out procedures

INSTRUMENTATION AND CONTROLS MAINTENANCE**Paygrade**

E4

Task Type

CORE

Task Statements

Clean propulsion plant systems and components

E4

CORE

Configure Computer-Based Test (CBT) equipment

E4

CORE

Inspect fiber optics

E4

CORE

Install fiber optics

E4

CORE

Perform preventive maintenance on Air Particulate Detectors (APD)

E4

CORE

Perform preventive maintenance on Computer-Based Test (CBT) equipment

E4

CORE

Perform preventive maintenance on electrical and mechanical propulsion plant detectors and gauges

E4

CORE

Perform preventive maintenance on fiber optics

E4

CORE

Perform preventive maintenance on instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)

E4

CORE

Perform preventive maintenance on nuclear instrumentation systems

E4

CORE

Perform preventive maintenance on power electronic systems

ETN-5

INSTRUMENTATION AND CONTROLS MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform preventive maintenance on primary plant instrumentation systems
E4	CORE	Perform preventive maintenance on propulsion plant control systems
E4	CORE	Perform preventive maintenance on Reactor Control Systems (RCS)
E4	CORE	Perform preventive maintenance on reactor protection systems
E4	CORE	Perform preventive maintenance on rod control systems
E4	CORE	Perform preventive maintenance on Shipboard Information Technology (SBIT) networks
E4	CORE	Perform preventive maintenance on valve actuators
E4	NON-CORE	Perform preventive maintenance on voltage regulators
E4	CORE	Perform preventive maintenance on water level control systems
E4	NON-CORE	Perform preventive maintenance on wire-free communication systems
E4	CORE	Repair Air Particulate Detectors (APD)
E4	CORE	Repair Computer-Based Test (CBT) equipment
E4	CORE	Repair fiber optics
E4	CORE	Repair Shipboard Information Technology (SBIT) networks
E4	NON-CORE	Repair wire-free communication systems
E4	CORE	Troubleshoot Air Particulate Detectors (APD)
E4	CORE	Troubleshoot Computer-Based Test (CBT) equipment
E4	CORE	Troubleshoot fiber-optic components
E4	CORE	Troubleshoot Shipboard Information Technology (SBIT) networks
E4	NON-CORE	Troubleshoot wire-free communication systems

PROPULSION PLANT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust electric plant lineups while shutdown
E4	CORE	Adjust propulsion plant system parameters using support systems (e.g., coolant charging, discharge, coolant purification, etc.)
E4	NON-CORE	Align air compressors (e.g., startup, shutdown, normal and casualty operations)
E4	CORE	Align Air Particulate Detectors (APD) (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align air systems associated with the propulsion plant (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align backup methods of propulsion (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align electrical and mechanical propulsion plant detectors and gauges (e.g., place on service, remove from service)
E4	CORE	Align emergency fill systems (e.g., casualty operations)
E4	CORE	Align fresh water cooling systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align main steam systems (e.g., startup, shutdown, normal, and casualty operations)

PROPULSION PLANT OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Align nuclear instrumentation systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align power electronic systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align primary plant instrumentation systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align propulsion plant control systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align Reactor Control Systems (RCS) (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align reactor plant support systems (e.g., startup, shutdown, normal, casualty operations)
E4	CORE	Align reactor protection systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align rod control systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align shielding systems (e.g., normal and casualty)
E4	NON-CORE	Align voltage regulators
E4	CORE	Align water level control systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Analyze propulsion plant system and component parameters for trends
E4	NON-CORE	Collect boiler water samples
E4	CORE	Complete valve and component lineups or checklists
E4	NON-CORE	Conduct boiler water blowdowns
E4	CORE	Manage Shipboard Information Technology (SBIT) networks
E4	CORE	Perform critical reactor plant operations (e.g., startup, shutdown, normal, and casualty)
E4	CORE	Perform main engine throttle operations
E4	CORE	Perform shutdown reactor plant operations (e.g., normal and casualty operations)
E4	CORE	Prepare valve and component lineups or checklists

RADIOLOGICAL CONTROL

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Grant access to Radiological Controlled Areas (RCA)
E4	CORE	Maintain Radiological Controlled Area (RCA) records
E4	CORE	Perform radiological valve operations
E4	CORE	Survey Radiological Controlled Areas (RCA)
E4	CORE	Verify radiological records

Job Title**Surface Reactor Control Operator****Job Code****003780****Job Family**
Production**NOC**
TBD**Short Title (30 Characters)**
SUR REACTOR CONTROLS OP**Short Title (14 Characters)**
SW REAC CNT OP**Pay Plan**
Enlisted**Career Field**
ETN**Other Relationships and Rules**
NEC NXXX, 7XXX series and other NECs as assigned**Job Description**

Surface Reactor Control Operators perform operations and basic preventive maintenance on electronic equipment used for reactor control, rod control, reactor protection and alarm systems, primary plant instrumentation, nuclear instrumentation, primary plant control, water level control, power electronics, and other electrical and electronic support equipment (e.g., Computer-Based Test (CBT) equipment, Shipboard Information Technology (SBIT)); demonstrate knowledge of reactor, electrical, mechanical, and radiation theory involved in the operation of nuclear reactors, steam plants, and auxiliary equipment; demonstrate detailed knowledge of chemistry and radiological controls associated with the nuclear reactor; supervise the shut down of reactor plant; perform critical work functions required to repair and maintain instrumentation and control equipment; and work under the supervision of a mentor while learning their trade or skill.

DoD Relationship**Group Title**
Nuclear Power**DoD Code**
166100**O*NET Relationship****Occupation Title**
Nuclear Power Reactor Operators**SOC Code**
51-8011.00**Job Family**
Production**Skills**

Systems Evaluation
Equipment Maintenance
Operation and Control
Operation Monitoring
Management of Material Resources
Complex Problem Solving
Repairing
Troubleshooting
Reading Comprehension
Critical Thinking

Abilities

Written Comprehension
Problem Sensitivity
Finger Dexterity
Deductive Reasoning
Manual Dexterity
Inductive Reasoning
Information Ordering
Speed of Closure
Written Expression
Arm-Hand Steadiness

ENGINEERING MANAGEMENT**Paygrade**
E4**Task Type**
CORE**Task Statements**
Perform tag-out procedures**INSTRUMENTATION AND CONTROLS MAINTENANCE****Paygrade****Task Type****Task Statements**

E4	CORE	Clean propulsion plant systems and components
E4	CORE	Configure Computer-Based Test (CBT) equipment
E4	CORE	Inspect fiber optics
E4	CORE	Install fiber optics
E4	CORE	Perform preventive maintenance on Air Particulate Detectors (APD)
E4	CORE	Perform preventive maintenance on Computer-Based Test (CBT) equipment
E4	NON-CORE	Perform preventive maintenance on continuous chemical injection systems
E4	CORE	Perform preventive maintenance on electrical and mechanical propulsion plant detectors and gauges
E4	NON-CORE	Perform preventive maintenance on emergency fill initiation systems
E4	CORE	Perform preventive maintenance on fiber optics
E4	CORE	Perform preventive maintenance on instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)

INSTRUMENTATION AND CONTROLS MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform preventive maintenance on nuclear instrumentation systems
E4	CORE	Perform preventive maintenance on power electronic systems
E4	CORE	Perform preventive maintenance on primary plant instrumentation systems
E4	CORE	Perform preventive maintenance on propulsion plant control systems
E4	CORE	Perform preventive maintenance on pump noise monitor
E4	CORE	Perform preventive maintenance on Reactor Control Systems (RCS)
E4	CORE	Perform preventive maintenance on reactor protection systems
E4	CORE	Perform preventive maintenance on rod control systems
E4	CORE	Perform preventive maintenance on Shipboard Information Technology (SBIT) networks
E4	CORE	Perform preventive maintenance on valve actuators
E4	CORE	Perform preventive maintenance on water level control systems
E4	NON-CORE	Perform preventive maintenance on wire-free communication systems
E4	CORE	Repair Air Particulate Detectors (APD)
E4	CORE	Repair Computer-Based Test (CBT) equipment
E4	NON-CORE	Repair continuous chemical injection systems
E4	CORE	Repair fiber optics
E4	CORE	Repair Shipboard Information Technology (SBIT) networks
E4	NON-CORE	Repair wire-free communication systems
E4	CORE	Troubleshoot Air Particulate Detectors (APD)
E4	CORE	Troubleshoot Computer-Based Test (CBT) equipment
E4	NON-CORE	Troubleshoot continuous chemical injection systems
E4	CORE	Troubleshoot fiber-optic components
E4	CORE	Troubleshoot Shipboard Information Technology (SBIT) networks
E4	NON-CORE	Troubleshoot wire-free communication systems

PROPULSION PLANT OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Adjust propulsion plant system parameters using support systems (e.g., coolant charging, discharge, coolant purification, etc.)
E4	CORE	Align Air Particulate Detectors (APD) (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align electrical and mechanical propulsion plant detectors and gauges (e.g., place on service, remove from service)
E4	CORE	Align emergency fill systems (e.g., casualty operations)
E4	CORE	Align main steam systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align nuclear instrumentation systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align power electronic systems (e.g., startup, shutdown, normal, and casualty operations)

PROPULSION PLANT OPERATIONS (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Align primary plant instrumentation systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align propulsion plant control systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align Reactor Control Systems (RCS) (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align reactor plant support systems (e.g., startup, shutdown, normal, casualty operations)
E4	CORE	Align reactor protection systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align rod control systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Align water level control systems (e.g., startup, shutdown, normal, and casualty operations)
E4	CORE	Analyze propulsion plant system and component parameters for trends
E4	CORE	Complete valve and component lineups or checklists
E4	CORE	Manage Shipboard Information Technology (SBIT) networks
E4	CORE	Perform critical reactor plant operations (e.g., startup, shutdown, normal, and casualty)
E4	CORE	Perform main engine throttle operations
E4	CORE	Perform shutdown reactor plant operations (e.g., normal and casualty operations)
E4	CORE	Prepare valve and component lineups or checklists

RADIOLOGICAL CONTROL

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Grant access to Radiological Controlled Areas (RCA)
E4	CORE	Maintain Radiological Controlled Area (RCA) records
E4	CORE	Perform radiological valve operations
E4	CORE	Survey Radiological Controlled Areas (RCA)
E4	CORE	Verify radiological records

Job Title**Submarine Reactor Control Supervisor****Job Code****003787****Job Family**
Production**NOC**
TBD**Short Title (30 Characters)**
SUB REACTOR CONTROLS SUP**Short Title (14 Characters)**
SS REAC CNTSUP**Pay Plan**
Enlisted**Career Field**
ETN**Other Relationships and Rules**
NEC NXXX, 7XXX series and other NECs as assigned**Job Description**

Submarine Reactor Control Supervisors perform advanced reactor control operations and apply advanced level maintenance practices to reactor instrumentation and control equipment; supervise operations and maintenance assigned to the Reactor Control Division (RCD); review correspondence; perform audits of RCD programs; perform critical work functions; troubleshoot and repair equipment; perform consequence management; serve as Subject Matter Experts (SMEs); and mentor junior operators.

DoD Relationship

<i>Group Title</i>	<i>DoD Code</i>
Nuclear Power	166100

O*NET Relationship

<i>Occupation Title</i>	<i>SOC Code</i>	<i>Job Family</i>
First-Line Supervisors of Production and Operating Workers	51-1011.00	Production

Skills

Complex Problem Solving
Management of Material Resources
Repairing
Troubleshooting
Judgment and Decision Making
Writing
Equipment Maintenance
Management of Personnel Resources
Monitoring
Quality Control Analysis

Abilities

Written Comprehension
Deductive Reasoning
Inductive Reasoning
Finger Dexterity
Problem Sensitivity
Information Ordering
Number Facility
Written Expression

ENGINEERING MANAGEMENT**Paygrade****Task Type****Task Statements**

E6	CORE	Determine required retests following preventive maintenance or repairs
E5	CORE	Develop technical work documents
E6	CORE	Supervise propulsion plant watch section operations
E6	NON-CORE	Supervise Quality Assurance (QA) testing
E5	CORE	Verify valve and component lineups or checklists

INSTRUMENTATION AND CONTROLS MAINTENANCE**Paygrade****Task Type****Task Statements**

E5	CORE	Perform calorimetric calibrations
E5	CORE	Repair electrical and mechanical propulsion plant detectors and gauges
E5	CORE	Repair instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)
E5	CORE	Repair nuclear instrumentation systems
E5	CORE	Repair power electronic systems
E5	CORE	Repair primary plant instrumentation systems
E5	CORE	Repair propulsion plant control systems
E5	CORE	Repair Reactor Control Systems (RCS)
E5	CORE	Repair reactor protection systems

INSTRUMENTATION AND CONTROLS MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Repair rod control system
E5	CORE	Repair valve actuators
E5	NON-CORE	Repair voltage regulators
E5	CORE	Repair water level control systems
E5	CORE	Troubleshoot electrical and mechanical propulsion plant detectors and gauges
E5	CORE	Troubleshoot instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)
E5	CORE	Troubleshoot nuclear instrumentation systems
E5	CORE	Troubleshoot power electronic systems
E5	CORE	Troubleshoot primary plant instrumentation systems
E5	CORE	Troubleshoot propulsion plant control systems
E5	CORE	Troubleshoot Reactor Control Systems (RCS)
E5	CORE	Troubleshoot reactor protection systems
E5	CORE	Troubleshoot rod control system
E5	CORE	Troubleshoot valve actuators
E5	NON-CORE	Troubleshoot voltage regulators
E5	CORE	Troubleshoot water level control systems

Job Title**Surface Reactor Control Supervisor****Job Code****003788****Job Family**
Production**NOC**
TBD**Short Title (30 Characters)**
SUR REACTOR CONTROLS SUP**Short Title (14 Characters)**
SW REAC CNTSUP**Pay Plan**
Enlisted**Career Field**
ETN**Other Relationships and Rules**
NEC NXXX, 7XXX series and other NECs as assigned**Job Description**

Surface Reactor Control Supervisors perform advanced reactor control operations and apply advanced level maintenance practices to reactor instrumentation and control equipment; supervise operations and maintenance assigned to the Reactor Control Division (RCD); review correspondence; perform audits of RCD programs; perform critical work functions; troubleshoot and repair equipment; perform consequence management; serve as Subject Matter Experts (SMEs); and mentor junior operators.

DoD Relationship

<i>Group Title</i>	<i>DoD Code</i>
Nuclear Power	166100

O*NET Relationship

<i>Occupation Title</i>	<i>SOC Code</i>	<i>Job Family</i>
First-Line Supervisors of Production and Operating Workers	51-1011.00	Production

Skills

Complex Problem Solving
Management of Material Resources
Repairing
Troubleshooting
Judgment and Decision Making
Writing
Equipment Maintenance
Management of Personnel Resources
Monitoring
Quality Control Analysis

Abilities

Written Comprehension
Deductive Reasoning
Inductive Reasoning
Finger Dexterity
Problem Sensitivity
Information Ordering
Manual Dexterity
Number Facility
Written Expression

ENGINEERING MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Determine required retests following preventive maintenance or repairs
E5	CORE	Develop technical work documents
E6	CORE	Supervise propulsion plant watch section operations
E6	NON-CORE	Supervise Quality Assurance (QA) testing
E5	CORE	Verify valve and component lineups or checklists

INSTRUMENTATION AND CONTROLS MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Perform calorimetric calibrations
E5	CORE	Repair electrical and mechanical propulsion plant detectors and gauges
E5	NON-CORE	Repair emergency fill initiation systems
E5	CORE	Repair instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)
E5	CORE	Repair nuclear instrumentation systems
E5	CORE	Repair power electronic systems
E5	CORE	Repair primary plant instrumentation systems
E5	CORE	Repair propulsion plant control systems
E5	CORE	Repair pump noise monitor systems

INSTRUMENTATION AND CONTROLS MAINTENANCE (CONT'D)

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E5	CORE	Repair Reactor Control Systems (RCS)
E5	CORE	Repair reactor protection systems
E5	CORE	Repair rod control system
E5	CORE	Repair valve actuators
E5	CORE	Repair water level control systems
E5	CORE	Troubleshoot electrical and mechanical propulsion plant detectors and gauges
E5	NON-CORE	Troubleshoot emergency fill initiation systems
E5	CORE	Troubleshoot instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)
E5	CORE	Troubleshoot nuclear instrumentation systems
E5	CORE	Troubleshoot power electronic systems
E5	CORE	Troubleshoot primary plant instrumentation systems
E5	CORE	Troubleshoot propulsion plant control systems
E5	CORE	Troubleshoot pump noise monitor systems
E5	CORE	Troubleshoot Reactor Control Systems (RCS)
E5	CORE	Troubleshoot reactor protection systems
E5	CORE	Troubleshoot rod control system
E5	CORE	Troubleshoot valve actuators
E5	CORE	Troubleshoot water level control systems

Job Title**Submarine Reactor Control Manager****Job Code****003795****Job Family**

Production

NOC

TBD

Short Title (30 Characters)

SUB REACTOR CONTROLS MGR

Short Title (14 Characters)

SS REAC CNTMGR

Pay Plan

Enlisted

Career Field

ETN

Other Relationships and Rules

NEC NXXX, 7XXX series and other NECs as assigned

Job Description

Submarine Reactor Control Managers manage operations, maintenance, and training for personnel assigned to the Reactor Control Division and Engineering Department; review divisional and departmental correspondence; perform audits of divisional and departmental programs and training; facilitate fundamental training requirements for personnel and units; manage the repair and maintenance of equipment; and perform consequence management.

DoD Relationship**Group Title**

Nuclear Power

DoD Code

166100

O*NET Relationship**Occupation Title**First-Line Supervisors of
Production and Operating Workers**SOC Code**

51-1011.00

Job Family

Production

Skills*Quality Control Analysis**Monitoring**Reading Comprehension**Coordination**Management of Material Resources**Mathematics**Systems Analysis***Abilities***Problem Sensitivity**Written Comprehension**Inductive Reasoning**Number Facility**Written Expression***ENGINEERING MANAGEMENT****Paygrade**

E7

Task Type

CORE

Task Statements

Audit chemistry records

E7

CORE

Audit Engineering and Reactor Department records

E7

CORE

Manage equipment modifications and modernization

E7

CORE

Supervise Reactor Control Division testing operations

E7

CORE

Supervise rod control testing

E7

CORE

Verify calorimetric calibrations

Job Title**Surface Reactor Control Manager****Job Code****003796****Job Family**
Production**NOC**
TBD**Short Title (30 Characters)**
SUR REACTOR CONTROLS MGR**Short Title (14 Characters)**
SW REAC CNTMGR**Pay Plan**
Enlisted**Career Field**
ETN**Other Relationships and Rules**
NEC NXXX, 7XXX series and other NECs as assigned**Job Description**

Surface Reactor Control Managers manage operations, maintenance, and training for personnel assigned to the Reactor Control Division and Reactor Department; review divisional and departmental correspondence and perform audits of divisional and departmental programs and training; facilitate fundamental training requirements for personnel and units; manage the repair and maintenance of equipment; and perform consequence management.

DoD Relationship**O*NET Relationship****Group Title**
Nuclear Power**DoD Code**
166100**Occupation Title**
First-Line Supervisors of
Production and Operating Workers**SOC Code**
51-1011.00**Job Family**
Production**Skills***Quality Control Analysis**Monitoring**Reading Comprehension**Coordination**Management of Material Resources**Mathematics**Systems Analysis***Abilities***Problem Sensitivity**Written Comprehension**Inductive Reasoning**Number Facility**Written Expression***ENGINEERING MANAGEMENT****Paygrade****Task Type****Task Statements**

E7

CORE

Audit chemistry records

E7

CORE

Audit Engineering and Reactor Department records

E7

CORE

Manage equipment modifications and modernization

E7

CORE

Supervise Reactor Control Division testing operations

E7

CORE

Supervise rod control testing

E7

CORE

Verify calorimetric calibrations