CHAPTER 32



ELECTRONICS TECHNICIAN, NUCLEAR POWER (ETN)

NAVPERS 18068F-32J Change 92

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TABLE OF CONTENTS ELECTRONICS TECHNICIAN, NUCLEAR POWER (ETN)

SCOPE OF RATING	ETN-3
GENERAL INFORMATION	ETN-4
SUBMARINE REACTOR CONTROL OPERATOR	ETN-5
ENGINEERING MANAGEMENT	ETN-5
INSTRUMENTATION AND CONTROLS MAINTENANCE	ETN-5
PROPULSION PLANT OPERATIONS	ETN-6
RADIOLOGICAL CONTROL	ETN-7
SURFACE REACTOR CONTROL OPERATOR	ETN-8
ENGINEERING MANAGEMENT	ETN-8
INSTRUMENTATION AND CONTROLS MAINTENANCE	ETN-8
PROPULSION PLANT OPERATIONS	ETN-9
RADIOLOGICAL CONTROL	ETN-10
SUBMARINE REACTOR CONTROL SUPERVISOR	ETN-11
ENGINEERING MANAGEMENT	ETN-11
INSTRUMENTATION AND CONTROLS MAINTENANCE	ETN-11
PROPULSION PLANT OPERATIONS	ETN-12
RADIOLOGICAL CONTROL	ETN-12
SURFACE REACTOR CONTROL SUPERVISOR	ETN-13
ENGINEERING MANAGEMENT	ETN-13
INSTRUMENTATION AND CONTROLS MAINTENANCE	ETN-13
PROPULSION PLANT OPERATIONS	ETN-14
RADIOLOGICAL CONTROL	ETN-14
SUBMARINE REACTOR CONTROL MANAGER	ETN-15
ENGINEERING MANAGEMENT	ETN-15
RADIOLOGICAL CONTROL	ETN-15
SURFACE REACTOR CONTROL MANAGER	ETN-16
ENGINEERING MANAGEMENT	ETN-16
RADIOLOGICAL CONTROL	ETN-16

NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

ELECTRONICS TECHNICIAN, NUCLEAR POWER (ETN)



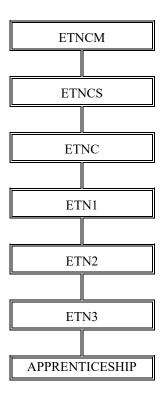
SCOPE OF RATING

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, and mechanical 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 FamilyNOCShort Title (30 Characters)Short Title (14 Characters)ProductionTBDSUB REACTOR CONTROLS OPSS REAC CNT OP

Enlisted ETN NEC NXXX, 7XXX series and other NECs as assigned

Job Description

Submarine Reactor Control Operators perform operations and basic preventive maintenance of 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; demonstrate knowledge of reactor, electrical, and mechanical 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 shutdown reactor plant; perform critical work functions required to repair and maintain equipment; move Naval tactical forces; and work under the supervision of a mentor while learning their trade or skill.

DoD Relationship O*NET Relationship

Group TitleDoD CodeOccupation TitleSOC CodeJob FamilyNuclear Power166100Nuclear Power Reactor Operators51-8011.00Production

<u>Skills</u> <u>Abilities</u>

Written Comprehension Operation and Control Operation Monitoring Problem Sensitivity Finger Dexterity Equipment Maintenance Reading Comprehension Manual Dexterity Systems Evaluation Deductive Reasoning Writing Information Ordering Complex Problem Solving Inductive Reasoning Judgment and Decision Making Oral Expression Management of Material Resources Memorization Quality Control Analysis Written Expression

ENGINEERING MANAGEMENT

<u>Paygrade</u>	<u>Task Type</u>	Task Statements
E4	CORE	Perform lockout/tagout procedures

Paygrade	Task Type	Task Statements
E4	CORE	Maintain fiber optics
E4	NON-CORE	Maintain wire-free communication systems
E5	CORE	Perform control rod testing
E4	CORE	Perform preventive maintenance on air particulate detectors
E4	CORE	Perform preventive maintenance on data entry and display terminals
E4	CORE	Perform preventive maintenance on electrical and mechanical propulsion plant detectors and gauges
E4	CORE	Perform preventive maintenance on information technology network
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
E4	CORE	Perform preventive maintenance on primary plant instrumentation systems

Paygrade	Task Type	Task Statements
E4	CORE	Perform preventive maintenance on propulsion plant control systems
E4	CORE	Perform preventive maintenance on reactor control systems
E4	CORE	Perform preventive maintenance on reactor protection systems
E4	CORE	Perform preventive maintenance on rod control systems
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	CORE	Repair air particulate detectors
E4	CORE	Repair data entry and display terminals
E5	NON-CORE	Repair voltage regulators
E5	CORE	Troubleshoot air particulate detectors
E4	CORE	Troubleshoot data entry and display terminals
E5	NON-CORE	Troubleshoot voltage regulators
		PROPULSION PLANT OPERATIONS
Paygrade	Task Type	Task Statements
E5	NON-CORE	Adjust electric plant lineups at power
E4	CORE	Adjust electric plant lineups while shutdown
E4	NON-CORE	Align air compressors (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align air particulate detectors (e.g., start up and shut down)
E4	CORE	Align air systems associated with the propulsion plant
E4	CORE	Align backup methods of propulsion
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
E4	CORE	Align fresh water cooling systems (e.g., normal and casualty operations)
E4	CORE	Align instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)
E4	CORE	Align main steam systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align nuclear instrumentation systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align power electronic systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align primary plant instrumentation systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align propulsion plant control systems (e.g., start up, shut down, normal and casualty operations)

Align reactor control systems

E4

CORE

PROPULSION PLANT OPERATIONS (CONT'D)

<u>Paygrade</u> E4	Task Type CORE	<u>Task Statements</u> Align reactor plant support systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align reactor protection systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align rod control system (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align shielding systems (casualty operations)
E4	NON-CORE	Align voltage regulators
E4	CORE	Align water level control systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Analyze propulsion plant system and component parameters for trends
E4	CORE	Collect boiler water samples
E4	CORE	Complete valve and component lineups or checklists
E4	CORE	Conduct boiler water blowdowns
E4	CORE	Maintain propulsion plant system parameters using support systems (e.g., coolant charging, discharge, coolant purification, etc.)
E4	CORE	Perform critical reactor plant operations (e.g., start up, shut down, normal and casualty operations)
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

Paygrade	Task Type	Task Statements
E4	CORE	Disestablish radiological controlled areas
E4	CORE	Establish radiological controlled areas
E4	CORE	Grant access to radiological controlled areas
E4	CORE	Maintain radiological controlled area records
E4	CORE	Perform radiological valve operations
E4	CORE	Survey radiological controlled areas

Job Title Surface Reactor Control Operator

Job Code 003780

Job FamilyNOCShort Title (30 Characters)Short Title (14 Characters)ProductionTBDSUR REACTOR CONTROLS OPSW REAC CNT OP

Enlisted ETN NEC NXXX, 7XXX series and other NECs as assigned

Job Description

Surface Reactor Control Operators perform operations and basic preventive maintenance of 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; demonstrate knowledge of reactor, electrical, and mechanical 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 shutdown reactor plant; perform critical work functions required to repair and maintain equipment; move Naval tactical forces; and work under the supervision of a mentor while learning their trade or skill.

DoD Relationship O*NET Relationship

Group TitleDoD CodeOccupation TitleSOC CodeJob FamilyNuclear Power166100Nuclear Power Reactor Operators51-8011.00Production

<u>Skills</u> <u>Abilities</u>

Written Comprehension Operation and Control Equipment Maintenance Problem Sensitivity Finger Dexterity Operation Monitoring Reading Comprehension Manual Dexterity Systems Evaluation Deductive Reasoning Writing Inductive Reasoning Complex Problem Solving Information Ordering Judgment and Decision Making Oral Expression Management of Material Resources Selective Attention Quality Control Analysis Written Expression

ENGINEERING MANAGEMENT

Paygrade	Task Type	Task Statements
E4	CORE	Perform lockout/tagout procedures

Paygrade	Task Type	Task Statements
E4	NON-CORE	Clean propulsion plant systems and components
E4	CORE	Maintain fiber optics
E4	NON-CORE	Maintain wire-free communication systems
E5	CORE	Perform control rod testing
E4	CORE	Perform preventive maintenance on air particulate detectors
E4	NON-CORE	Perform preventive maintenance on continuous chemical injection systems
E4	CORE	Perform preventive maintenance on data entry and display terminals
E4	CORE	Perform preventive maintenance on electrical and mechanical propulsion plant detectors and gauges
E5	NON-CORE	Perform preventive maintenance on emergency fill initiation systems
E4	CORE	Perform preventive maintenance on information technology network
E4	CORE	Perform preventive maintenance on instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)

	II IS I IC IVII	ZATITION THE CONTROLS WITH VIEW (CONT. B)
<u>Paygrade</u> E4	<u>Task Type</u> CORE	<u>Task Statements</u> 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
E4	CORE	Perform preventive maintenance on reactor protection systems
E4	CORE	Perform preventive maintenance on rod control systems
E4	CORE	Perform preventive maintenance on valve actuators
E4	CORE	Perform preventive maintenance on water level control systems
E4	CORE	Repair air particulate detectors
E4	NON-CORE	Repair continuous chemical injection systems
E4	CORE	Repair data entry and display terminals
E5	CORE	Troubleshoot air particulate detectors
E5	NON-CORE	Troubleshoot continuous chemical injection systems
E4	CORE	Troubleshoot data entry and display terminals
		PROPULSION PLANT OPERATIONS
<u>Paygrade</u> E4	<u>Task Type</u> CORE	Task Statements Align air particulate detectors (e.g., start up and shut down)
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
E4	CORE	Align instrumentation and control equipment (e.g., throttle controllers, circuit cards, resistive temperature detectors, pressure detectors, etc.)
E4	CORE	Align main steam systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align nuclear instrumentation systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align power electronic systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align primary plant instrumentation systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align propulsion plant control systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align reactor control systems
E4	CORE	Align reactor plant support systems (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align reactor protection systems (e.g., start up, shut down, normal and casualty operations)

PROPULSION PLANT OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Align rod control system (e.g., start up, shut down, normal and casualty operations)
E4	CORE	Align water level control systems (e.g., start up, shut down, 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	Maintain propulsion plant system parameters using support systems (e.g., coolant charging, discharge, coolant purification, etc.)
E4	CORE	Perform critical reactor plant operations (e.g., start up, shut down, normal and casualty operations)
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
		DADIOLOGICAL CONTROL

RADIOLOGICAL CONTROL

Paygrade	Task Type	Task Statements
E4	CORE	Disestablish radiological controlled areas
E4	CORE	Establish radiological controlled areas
E4	CORE	Grant access to radiological controlled areas
E4	CORE	Maintain radiological controlled area records
E4	CORE	Perform radiological valve operations
E4	CORE	Survey radiological controlled areas

Job Title Submarine Reactor Control Supervisor

Job Code 003787

Job FamilyNOCShort Title (30 Characters)Short Title (14 Characters)ProductionTBDSUB REACTOR CONTROLS SUPSS REAC CNTSUP

Enlisted ETN 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 monitoring and control equipment; supervise operations, maintenance, and training for personnel assigned to the Reactor Control Division; review correspondence; perform audits of Reactor Control Division programs; perform critical work functions required to move Naval tactical forces; repair and maintain equipment; train forces and personnel; perform consequence management; work with little supervision; and serve as mentors to operators.

DoD Relationship O*NET Relationship

Group Title	<u>DoD Code</u>	Occupation Title	SOC Code	Job Family
Nuclear Power	166100	First-Line Supervisors of	51-1011.00	Production
		Production and Operating Workers		

Skills Abilities Complex Problem Solving Written Comprehension Troubleshooting Deductive Reasoning Management of Material Resources Inductive Reasoning Repairing Finger Dexterity Reading Comprehension Problem Sensitivity Systems Analysis Category Flexibility Writing Information Ordering Critical Thinking Number Facility Equipment Maintenance Written Expression

Equipment Selection

ENGINEERING MANAGEMENT

Paygrade	Task Type	Task Statements
E6	CORE	Determine required retests following preventive maintenance or repairs
E5	NON-CORE	Develop technical work documents
E5	CORE	Verify valve and component lineups or checklists

Paygrade	Task Type	Task Statements
E4	NON-CORE	Clean propulsion plant systems and components
E5	CORE	Perform calorimetric calibrations
E5	CORE	Repair electrical and mechanical propulsion plant detectors and gauges
E5	NON-CORE	Repair information technology network
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
E5	CORE	Repair reactor protection systems

Paygrade	Task Type	Task Statements	
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	CORE	Troubleshoot fiber optic components	
E5	NON-CORE	Troubleshoot information technology network	
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	
E5	CORE	Troubleshoot reactor protection systems	
E5	CORE	Troubleshoot rod control system	
E5	CORE	Troubleshoot valve actuators	
E5	CORE	Troubleshoot water level control systems	
PROPULSION PLANT OPERATIONS			
<u>Paygrade</u> E5	<u>Task Type</u> NON-CORE	Task Statements Manage information technology network	
RADIOLOGICAL CONTROL			
<u>Paygrade</u> E6	<u>Task Type</u> CORE	<u>Task Statements</u> Verify radiological controlled areas	
EU	COKE	verify fautological controlled areas	

Job Title Surface Reactor Control Supervisor

Job Code 003788

Job FamilyNOCShort Title (30 Characters)Short Title (14 Characters)ProductionTBDSUR REACTOR CONTROLS SUPSW REAC CNTSUP

Enlisted ETN NECs 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 monitoring and control equipment; supervise operations, maintenance, and training for personnel assigned to the Reactor Control Division; review correspondence and perform audits of Reactor Control Division programs; perform the critical work functions required to move Naval tactical forces; repair and maintain equipment; train forces and personnel; perform consequence management; work with little supervision; and serve as mentors to operators.

DoD Relationship O*NET Relationship

Group Title	DoD Code	Occupation Title	SOC Code	Job Family
Nuclear Power	166100	First-Line Supervisors of	51-1011.00	Production
		Production and Operating Workers		

Skills Abilities Complex Problem Solving Written Comprehension Troubleshooting Deductive Reasoning Management of Material Resources Inductive Reasoning Repairing Finger Dexterity Reading Comprehension Problem Sensitivity Writing Category Flexibility Critical Thinking Information Ordering Equipment Maintenance Manual Dexterity Judgment and Decision Making Number Facility Operation and Control Written Expression

ENGINEERING MANAGEMENT

Paygrade	Task Type	Task Statements
E6	CORE	Determine required retests following preventive maintenance or repairs
E5	NON-CORE	Develop technical work documents
E5	CORE	Verify valve and component lineups or checklists

Paygrade	Task Type	Task Statements
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	NON-CORE	Repair information technology network
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
E5	CORE	Repair reactor control systems

<u>Paygrade</u> E5	<u>Task Type</u> CORE	<u>Task Statements</u> 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	
E6	NON-CORE	Troubleshoot emergency fill initiation systems	
E5	CORE	Troubleshoot fiber optic components	
E5	NON-CORE	Troubleshoot information technology network	
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	
E5	CORE	Troubleshoot reactor protection systems	
E5	CORE	Troubleshoot rod control system	
E5	CORE	Troubleshoot valve actuators	
E5	CORE	Troubleshoot water level control systems	
		PROPULSION PLANT OPERATIONS	
Paygrade E5	<u>Task Type</u> NON-CORE	Task Statements Manage information technology network RADIOLOGICAL CONTROL	
<u>Paygrade</u> E6	<u>Task Type</u> CORE	<u>Task Statements</u> Verify radiological controlled areas	

Job TitleJob CodeSubmarine Reactor Control Manager003795

Job FamilyNOCShort Title (30 Characters)Short Title (14 Characters)ProductionTBDSUB REACTOR CONTROLS MGRSS REAC CNTMGR

Enlisted ETN 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; perform critical work functions required to train forces and personnel; move Naval tactical forces; manage the repair and maintenance of equipment; and perform consequence management.

DoD Relationship

O*NET Relationship

Group TitleDoD CodeOccupation TitleSOC CodeJob FamilyNuclear Power166100First-Line Supervisors of
Production and Operating Workers51-1011.00Production

<u>Skills</u> <u>Abilities</u>

Quality Control AnalysisProblem SensitivityReading ComprehensionWritten ComprehensionMonitoringInductive ReasoningComplex Problem SolvingNumber FacilityCoordinationWritten Expression

Critical Thinking

Judgement and Decision Making Management of Material Resources Management of Personnel Resources Systems Analysis

ENGINEERING MANAGEMENT

Paygrade	Task Type	Task Statements	
E6	CORE	Approve valve and component lineups or checklists	
E7	CORE	Audit chemistry records	
E7	CORE	Audit engineering and reactor department records	
E7	CORE	Manage equipment modifications and modernization	
E6	CORE	Supervise propulsion plant maintenance operations (e.g., electrical, mechanical, reactor control, etc.)	
E6	CORE	Supervise propulsion plant watch section operations	
E6	NON-CORE	Supervise Quality Assurance (QA) testing	
E7	CORE	Supervise Reactor Control Division testing operations	
E7	CORE	Supervise rod control testing	
E7	CORE	Verify calorimetric calibrations	
RADIOLOGICAL CONTROL			

RADIOLOGICAL CONTROL

PaygradeTask TypeTask StatementsE6COREVerify radiological records

Job Title Surface Reactor Control Manager

Job Code 003796

Job FamilyNOCShort Title (30 Characters)Short Title (14 Characters)ProductionTBDSUR REACTOR CONTROLS MGRSW REAC CNTMGR

Enlisted ETN 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; perform critical work functions required to train forces and personnel; move Naval tactical forces; manage the repair and maintenance of equipment; and perform consequence management.

DoD Relationship

O*NET Relationship

Group TitleDoD CodeOccupation TitleSOC CodeJob FamilyNuclear Power166100First-Line Supervisors of
Production and Operating Workers51-1011.00Production

<u>Skills</u> <u>Abilities</u>

Quality Control AnalysisProblem SensitivityReading ComprehensionWritten ComprehensionMonitoringInductive ReasoningComplex Problem SolvingNumber FacilityCritical ThinkingWritten Expression

Coordination

Judgement and Decision Making Management of Material Resources Management of Personnel Resources

Operation Monitoring

ENGINEERING MANAGEMENT

Paygrade	Task Type	Task Statements
E6	CORE	Approve valve and component lineups or checklists
E7	CORE	Audit chemistry records
E7	CORE	Audit engineering and reactor department records
E7	CORE	Manage equipment modifications and modernization
E6	NON-CORE	Supervise emergency fill initiation system maintenance
E6	CORE	Supervise propulsion plant maintenance operations (e.g., electrical, mechanical, reactor control, etc.)
E6	CORE	Supervise propulsion plant watch section operations
E6	NON-CORE	Supervise Quality Assurance (QA) testing
E7	CORE	Supervise Reactor Control Division testing operations
E7	CORE	Supervise rod control testing
E7	CORE	Verify calorimetric calibrations
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RADIOLOGICAL CONTROL

<u>Paygrade</u>	Task Type	Task Statements
E6	CORE	Verify radiological records