

Orders of Interest to the Board

Current as of May 17, 2012

Group 1. Currently Active Orders	
Order Number	Title
O151.1C	Comprehensive Emergency Management System
O153.1	Departmental Radiological Emergency Response Assets
O210.2A	DOE Corporate Operating Experience Program
O225.1B	Accident Investigations
O226.1B	Implementation of Department of Energy Oversight Policy
O227.1	Independent Oversight Program
O231.1B	Environment, Safety, and Health Reporting
O232.2	Occurrence Reporting and Processing of Operations Information
O251.1C	Departmental Directives Program
O252.1A	Technical Standards Program
O341.1A	Federal Employee Health Services
O360.1B	Federal Employee Training
O410.1	Central Technical Authority Responsibilities Regarding Nuclear Safety Requirements
O410.2	Management of Nuclear Materials
O413.3B	Program and Project Management for the Acquisition of Capital Assets
O414.1D	Quality Assurance
O420.1B Chg 1	Facility Safety
O420.2C	Safety of Accelerator Facilities
O422.1	Conduct of Operations
O425.1D	Verification of Readiness to Start Up or Restart Nuclear Facilities
O426.1 Chg 1	Federal Technical Capability
O426.2	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities
O430.1B Chg 2	Real Property Asset Management
O433.1B	Maintenance Management Program for DOE Nuclear Facilities
O435.1 Chg 1	Radioactive Waste Management
O436.1	Departmental Sustainability
O440.1B	Worker Protection Program for DOE (Including the National Nuclear Security Administration) Federal Employees
O442.1A	Department of Energy Employee Concerns Program
O442.2	Differing Professional Opinions for Technical Issues Involving Environment, Safety, and Health
O450.2	Integrated Safety Management
O451.1B Chg 2	National Environmental Policy Act Compliance Program
O452.1D	Nuclear Explosive and Weapon Surety Program
O452.2D	Nuclear Explosive Safety
O452.3	Management of the Department of Energy Nuclear Weapons Complex
O458.1 Chg 2	Radiation Protection of the Public and the Environment
O460.1C	Packaging and Transportation Safety
O460.2A	Departmental Materials Transportation and Packaging Management
O461.1B	Packaging and Transfer or Transportation of Materials of National Security Interest
O461.2	Onsite Packaging and Transfer of Materials of National Security Interest
O470.4B	Safeguards and Security Program
O474.2 Admin Chg 1	Nuclear Material Control and Accountability
O541.1B	Appointment of Contracting Officers and Contracting Officer Representatives
O5480.30 Chg 1	Nuclear Reactor Safety Design Criteria

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Group 2. National Nuclear Security Administration Policy Letters	
Policy Number	Title
NAP-21	Transformational Governance and Oversight
NA-1 SD 226.1A	NNSA Line Oversight and Contractor Assurance System (LOCAS)
SD M 226.1-1	Headquarters Biennial Review of Nuclear Safety Performance Manual
NA-1 SD 226.1-1A	Headquarters Biennial Review of Nuclear Safety Performance
NA SD 251.1	NNSA Policies, Supplemental Directives, and Business Operating Procedures
NA-1 M 410.1A	NNSA CTA Responsibilities Regarding Nuclear Safety Requirements
NA-1 M 410.1A Attachment 1	NNSA Supplemental Listing of Directives Affecting Nuclear Safety Requirements
NA-1 SD 411.1-1C	NNSA Safety Management Functions, Responsibilities and Authorities Manual (FRAM)
NA-1 SD 442.1-1	Technical Qualification Program Plan For Federal Personnel With Safety Responsibilities At Defense Nuclear Facilities
NA-1 SD 450.4-1	Integrated Safety Management System Description
NA SD M 452.3-1	Defense Programs Business Requirements and Processes Manual
NA SD 452.4	Implementation and Evaluation of Controls to Prevent Deliberate Unauthorized Use
NA-1 SD G 1027	Guidance on Using Release Fraction and Modern Dosimetric Information Consistently with DOE STD 1027-2
Directives will be added to this table as they are developed by NNSA.	

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Group 3. Archived or Deleted Orders That May Be Cited in Current Contracts	
Order Number	Title
O210.1 Chg 2	Performance Indicators and Analysis of Operations Information
O232.1A	Occurrence Reporting and Processing of Operational Information
O425.1C	Startup and Restart of Nuclear Facilities
O450.1A	Environmental Protection Program
O473.1	Physical Protection Program
O474.1A	Control and Accountability of Nuclear Materials
O1300.2A	Department of Energy Technical Standards Program
O1360.2B	Unclassified Computer Security Program
O1540.2 Chg 1	Hazardous Material Packaging for Transport - Administrative Procedures
O1540.3A	Base Technology for Radioactive Material Transportation Packaging Systems
O3790.1B	Federal Employee Occupational Safety and Health Program
O4330.4B	Maintenance Management Program
O4700.1 Chg 1	Project Management System
O4700.4	Project Manager Certification
O5000.3B Chg 1	Occurrence Reporting and Processing of Operations Information
O5400.1 Chg 1	General Environmental Protection Program
O5400.2A Chg 1	Environmental Compliance Issue Coordination
O5400.3	Hazardous and Radioactive Mixed Waste Program
O5400.4	Comprehensive Environmental Response, Compensation, and Liability Act Requirements
O5400.5 Chg 2	Radiation Protection of the Public and the Environment
O5440.1E	National Environmental Policy Act Compliance Program
O5480.10	Contractor Industrial Hygiene Program
O5480.11	Radiation Protection for Occupational Workers
O5480.15	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry
O5480.17	Site Safety Representatives
O5480.18B	Nuclear Facility Training Accreditation Program
O5480.1B Chg 5	Environmental, Safety and Health Program for DOE Facilities
O5480.19 Chg 2	Conduct of Operations Requirements for DOE Facilities
O5480.20A Chg 1	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities
O5480.21	Unreviewed Safety Questions
O5480.22 Chg 2	Technical Safety Requirements
O5480.23 Chg 1	Nuclear Safety Analysis reports
O5480.24	Nuclear Criticality Safety
O5480.25	Safety of Accelerator Facilities
O5480.26	Trending and Analysis of Operations Information Using Performance Indicators
O5480.28	Natural Phenomena Hazards Mitigation
O5480.29	Employee Concerns Management System
O5480.3	Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances, and Hazardous Wastes
O5480.31	Startup and Restart of Nuclear Facilities
O5480.4 Chg 4	Environment Protection, Safety, and Health Protection Standards
O5480.5	Safety of Nuclear Facilities
O5480.6	Safety of Department of Energy-Owned Nuclear Reactors
O5480.7A	Fire Protection
O5480.8A Chg 1	Contractor Occupational Medical Program
O5480.9A	Construction Safety and Health Program
O5481.1B Chg 1	Safety Analysis and Review System
O5482.1B Chg 1	Environment, Safety, and Health Appraisal Program

Group 3. Archived or Deleted Orders That May Be Cited in Current Contracts

Order Number	Title
O5483.1A	Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned Contractor-Operated Facilities
O5484.1 Chg 7	Environmental Protection, Safety and Health Protection Information Reporting Requirements
O5500.1B	Emergency Management System
O5500.2B Chg 1	Emergency Categories, Classes, and Notification and Reporting Requirements
O5500.3A Chg 1	Planning and Preparedness for Operational Emergencies
O5500.4A	Public Affairs Policy and Planning Requirements for Emergencies
O5500.7B	Emergency Operating Records Protection Program
O5500.10 Chg 1	Emergency Readiness Assurance Program
O5530.1A	Accident Response Group
O5530.2	Nuclear Emergency Search Team
O5530.3 Chg 1	Radiological Assistance Program
O5530.4	Aerial Measuring System
O5530.5 Chg 1	Federal Radiological Monitoring and Assessment Center
O5600.1	Management of the Department of Energy Weapon Program and Weapon Complex
O5610.10	Nuclear Explosive and Weapon Safety Program
O5610.11	Nuclear Explosive Safety
O5610.12	Packaging and Offsite Transportation of Nuclear Components, and Special Assemblies Associated with the Nuclear Explosive and Weapon Safety Program
O5632.1C	Protection and Control of Safeguards and Security Interests
O5632.11	Physical Protection of Unclassified Irradiated Reactor Fuel in Transit
O5660.1B	Management of Nuclear Materials
O5700.6C Chg 1	Quality Assurance
O5820.2A	Radioactive Waste Management
O6430.1A	General Design Criteria

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Group 4. Related Documents Establishing Safety-Related Policies, Requirements or	
Document Number	Title
M140.1-1B	Interface with the Defense Nuclear Facilities Safety Board
G151.1-x series	Emergency Management Guides Volumes -1A, -2, -3, -4, and -5
G200.1-1 series	Software Engineering Methodology Guide Chapters 1 through 10 and Appendices A through F
P226.1B	Department of Energy Oversight Policy
G341.1-1A	Guide on Federal Employee Occupational Medical Programs
G341.1-2A	Guide on Federal Employee Assistance Programs
G413.3-1	Managing Design and Construction Using Systems Engineering for Use with DOE-O-413.3A
G413.3-2	Quality Assurance Guide for Project Management
G413.3-4	U.S. Department of Energy Technology Readiness Assessment Guide
G413.3-7A	Risk Management Guide
G413.3-9	U.S. Department of Energy Project Review Guide for Capital Asset Projects
G413.3-13	U.S. Department of Energy Acquisition Strategy Guide for Capital Asset Projects
G413.3-15	Department of Energy Guide for Project Execution Plans
G413.3-16A	Project Transition/Closeout Guide
G413.3-17	Mission Need Statement Guide
G413.3-18	Integrated Project Teams Guide for Use with DOE O-413.3A
G413.3-19 Admin Chg 1	Federal Staffing for Project Management
G414.1-1B	Management Assessment and Independent Assessments Guide for Use with 10 CFR, Part 830, Subpart A, and DOE O 414.1C, Quality Assurance; DOE M 450.4-1, Integrated Safety Management System Manual; and DOE O 226.1A, Implementation of Department of Energy Oversight Policy
G414.1-2B Admin Chg 1	Quality Assurance Program Guide
G414.1-4	Safety Software Guide for Use with 10 CFR 830 Subpart A, Quality Assurance Requirements, and DOE O 414.1C, Quality Assurance
P420.1	Department of Energy Nuclear Safety Policy
G420.1-1	Nonreactor Nuclear safety Design Criteria and Explosive Safety Criteria Guide for Use with DOE Order 420.1 Facility Safety
G420.1-2	Guide for the Mitigation of Natural Phenomena Hazards for DOE Nuclear Facility and Non-Nuclear Facilities
G420.1-3	Implementation Guide for DOE Fire Protection and Emergency Services Programs for Use with DOE O420.1B, Facility Safety
G421.1-2	Implementation Guide for Use in Developing Documented Safety Analyses to Meet Subpart B of 10 CFR 830
G423.1-1A	Implementation Guide for use in Developing Technical Safety Requirements
G424.1-1B	Implementation Guide for use in Addressing Unreviewed Safety Question Requirements
G430.1-2	Implementation Guide for Surveillance and Maintenance During Facility Transition and Disposition
G430.1-3	Deactivation Implementation Guide
G430.1-4	Decommissioning Implementation Guide
G430.1-5	Transition Implementation Guide
G433.1-1	Nuclear Facility Maintenance Management Program Guide for Use with DOE Order 433.1
N435.1	Contact-Handled and Remote-Handled Transuranic Waste Packaging
M435.1-1 Chg 1	Radioactive Waste Management Manual
G435.1-1	Implementation Guide for Use with DOE Manual 435.1-1
M440.1-1A	DOE Explosives Safety Manual
G440.1-1B	Worker Protection Program for DOE (including the National Nuclear Security Administration) Federal and Contractor Employees

Group 4. Related Documents Establishing Safety-Related Policies, Requirements or

Document Number	Title
G440.1-7A	Implementation Guide for use with 10 CFR Part 850, Chronic Beryllium Disease Prevention Program
M441.1-1	Nuclear Material Packaging Manual
G441.1-1C Admin Chg 1	Radiation Protection Programs Guide for Use with Title 10, Code of Federal Regulations, Part 835, Occupational Radiation Protection
G442.1-1	Department of Energy Employee Concerns Program Guide
P450.4A	Integrated Safety Management System Policy
G450.4-1C	Integrated Safety Management System Guide
M452.2-1A	Nuclear Explosive Safety Manual
M452.2-2	Nuclear Explosive Safety Evaluation Processes
P454.1	Use of Institutional Controls
G454.1-1	Institutional Controls Implementation Guide for Use with DOE P454.1, Use of Institutional Controls
P455.1	Use of Risk-Based End States
G460.1-1	Implementation Guide for Use with DOE Order 460.1A, Packaging and Transportation Safety
M460.2-1A	Radioactive Material Transportation Practices Manual
G460.2-1	Implementation Guide for Use with DOE Order 460.2 Departmental Materials Transportation and Packaging Management
10 CFR 820	Procedural Rules for DOE Nuclear Activities
10 CFR 830, Subpart A	Quality Assurance Requirements
10 CFR 830, Subpart B	Nuclear Safety Management
10 CFR 835	Occupational Radiation Protection
10 CFR 851	Worker Safety and Health Program
48 CFR 970.5204-2	Laws, Regulations, and DOE Directives
48 CFR 970.5215-3	Conditional Payment of Fee, Profit, and other Incentives—Facility Management Contracts
48 CFR 970.5223-1	Integration of Environment, Safety, and Health Into Work Planning and Execution
Various	DOE Technical Standards, Handbooks, and related documents of interest to the Board.