

SEC J - Appendix G Modifications to Applicable Directives

Directive #	DOE Directive Title	Change	Change Mod #
DOE O 110.3A	Conference Management	Retained CRD Paragraphs 1.g.(4) a, b, & c only pending reissuance of BOP-003-08.	253
DOE O 130.1	Budget Formulation		
DOE M 140.1-1B	Interface with the Defense Nuclear Facilities Safety Board		
DOE O 142.1	Classified Visits Involving Foreign Nationals		
DOE M 142.2-1	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency	Added	M065
DOE O 142.2A	Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA		
DOE O 142.3A	Unclassified Foreign Visits and Assignment	Updated to Chg 1 Updated to version A	M037 210
DOE O 150.1	Continuity Programs	Added	M065
DOE O 151.1C	Comprehensive Emergency Management System		
DOE O 153.1	Departmental Radiological Emergency Response Assets		
DOE N 153.2	Connectivity to National Atmospheric Release Advisory Center (NARAC)	Delete. Superseded by DOE O 153.1	M037
DOE O 200.1A	Information Management Program	Updated to version A	M065
DOE M 200.1-1, Chapter 9	Public Key Cryptography and Key Management	Delete. No CRD.	210
DOE P 205.4	Departmental Cyber Security Management Policy	Delete. No CRD.	210
DOE O 205.1A	Department of Energy Cyber Security Management Note: NAP-14.1C, 14.2C and 14.3B dated 05/02/08 are implemented through this directive. The NAPs are not accessible to the public.	Added NAPs 14.1C, 14.2C, and 14.3B. Delete NAPs 14.11, 14.12, 14.13, 14.14, and 14.16; superseded by the aforementioned NAPs	M037
DOE N 205.2	Foreign National Access to DOE Cyber Systems	Delete. Superseded by DOE M 205.1-3	M037
DOE N 205.3	Password Generation, Protection, and Use	Delete. Superseded by DOE M 205.1-4	M018
DOE N 205.8	Cyber Security Requirements for Wireless Devices and Information Systems	Delete. Superseded by DOE M 205.1-4	M018
DOE N 205.9	Certification and Accreditation Process for Information Systems Including National Security Systems	Delete. Superseded by DOE M 205.1-4	M018
DOE N 205.10	Cyber Security Requirements for Risk Management	Delete. Superseded by DOE M 205.1-4	M018
DOE N 205.14	Security Requirements for Remote Access to DOE and Applicable Contractor Information Technology Systems	Delete. Superseded by DOE M 205.1-4	M018

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DOE M 205.1-3	Telecommunications Security Manual Note: This document is not accessible to the public.		
DOE M 205.1-4	National Security Systems Manual		
DOE M 205.1-5	Cyber Security Process Requirements Manual This Manual is implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public	Added	M065
DOE M 205.1-6	Media Sanitization Manual This Manual is implemented by NAP 14.1C dated 5/2/08. This NAP is not accessible to the public.	Added	M065
DOE M 205.1-7	Security Controls for Unclassified Information Systems This Manual is Implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public.	Added	M069
DOE M 205.1-8	Cyber Security Incident Management Manual This Manual is Implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public.	Added	M069
DOE O 206.1	Department of energy Privacy Program This Order is Implemented by NAPs 14.1-C and 14.2-C dated 5/2/08. These NAPs are not accessible to the public.	Added	M069
DOE N 206.4	Personal Identity Verification		
DOE N 206.5	Response and Notification Procedures for Data Breaches Involving Personally-Identifiable Information	Added Deleted, cancelled by DOE O 206.1	M037 159
DOE O 210.2A	DOE Corporate Operating Experience Program	Updated to version A	253
DOE O 221.1A	Reporting Fraud, Waste, and Abuse to the Office of Inspector General	Updated to version A	M037
DOE O 221.2A	Cooperation With The Office of Inspector General	Updated to version A	M069
DOE O 225.1B	Accident Investigations	Updated from version A to version B	253
DOE O 226.1A	Implementation of Department of Energy Oversight Policy		

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DOE O 227.1	Independent Oversight Program	Added	253
DOE O 231.1B	Environment, Safety, and Health Reporting	Updated from version A to version B	253
DOE M 231.1-1A, Chg 2	Environment, Safety, and Health Reporting Manual	Deleted by DOE O 231.1B	253
DOE M 231.1-2	Occurrence Reporting and Processing of Operations Information	Deleted by DOE O 232.2	253
DOE O 232.2	Occurrence Reporting and Processing of Operations Information	Added	253
DOE N 234.4	Reporting of Radioactive Sealed Sources	Added	M040
		Deleted, cancelled by DOE O 231.1B	253
DOE O 241.1B	Scientific and Technical Information Management	Updated from version A, Chg 1 to version B	210
DOE O 243.1	Records Management Program	Added Section CRD, Paragraphs 1.a.(3), 1.d, 1.e, 1.g, 1.h, 1.i, 1.k, and 2 only.	M065
		Added in its entirety	M093
DOE O 243.2	Vital Records	Added Retained CRD Paragraphs 1, 2, & 3 only	M063 253
DOE O 251.1B	Departmental Directives Program	Delete. No CRD.	210
DOE M 251.1-1B	Directives System Manual	Delete. No CRD.	210
DOE O 252.1A	Technical Standards Program	Updated to version A	210
DOE O 341.1A	Federal Employee Health Services Paragraph 4b and Attachment 1, Paragraph 2a only	Added	M018
DOE O 350.2B	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C., Area	Updated from version A to version B	253
DOE O 410.2	Management of Nuclear Materials	Added	151
DOE O 412.1A	Work Authorization System	Delete. No CRD.	210
DOE O 413.1B	Internal Control Program	Updated from version A to version B	M069
DOE O 413.2B, Admin Chg 1	Laboratory Directed Research & Development	Updated to Admin Chg 1	210
DOE O 413.3A, Chg. 1	Program and Project Management for the Acquisition of Capital Assets	Updated to Chg. 1 Deleted	M066 M093
DOE O 413.3B	Program and Project Management for the Acquisition of Capital Assets	Added	210
DOE G 413.3-3	Safeguards and Security for Program and Project Management	Added Delete. No CRD.	M018 210
DOE O 414.1D	Quality Assurance	Updated from version C to version D	253
DOE O 420.1B, Chg. 1	Facility Safety	Updated to Chg. 1	159
DOE G 420.1-1	Nonreactor Nuclear Safety Design Criteria and Explosives Safety Criteria Guide for use with DOE O 420.1, Facility Safety	Delete. No CRD.	210
DOE O 420.2C	Safety Accelerator Facilities	Updated from version B to version C	253

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DOE G 420.2-4	Accelerator Facility Safety Implementation Guide	Delete. No CRD.	210
DOE O 422.1	Conduct of Operations	Added	175
DOE O 425.1D	Verification of Readiness to Startup or Restart Nuclear Facilities	Updated from version C to version D	165
DOE O 426.2	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities	Added	165
DOE O 430.1B, Chg 2	Real Property Asset Management	Updated to Chg. 1 to add changes to attachment 6. Updated to add Chg 2.	M037, 253
DOE O 430.2B	Departmental Energy and Utilities Management	Updated from version A to version B	M037
DOE O 433.1B	Maintenance Management Program for DOE Nuclear Facilities	Updated from version A to version B	165
DOE N 435.1	Contact-Handled and Remote –Handled Transuranic Waste Packaging	Added	253
DOE O 435.1, Chg 1	Radioactive Waste Management		
DOE M 435.1-1, Chg 2	Radioactive Waste Management Manual	Updated to add Chg 2.	253
DOE M 440.1-1A	DOE Explosives Safety Manual		
DOE O 440.2C, Admin Chg 1	Aviation Management and Safety	Updated from version B to version C and added admin Chg 1.	253
DOE M 441.1-1	Nuclear Material Packaging Manual	Added	M037
DOE O 442.1A	Department Of Energy Employee Concerns Program		
DOE M 442.1-1	Differing Professional Opinions for Technical Issues Involving ES&H	Deleted by DOE O 442.2	253
DOE O 442.2	Differing Professional Opinions for Technical Issues Involving ES&H Technical Concerns	Added	253
DOE O 443.1B	Protection of Human Subjects	Added. Updated from version A to version B	M037, 253
DOE O 450.1A	Environmental Protection Program	Corrected to Chg 3 Updated to version A	M018 M065
DOE M 450.3-4	Department of Energy Closure Process for Necessary and Sufficient Sets of Standards	Delete Cancelled by DOE N 251.103	210
DOE M 450.4-4	Integrated Safety Management System Manual	Deleted by DOE O 450.2	253
DOE P 450.7	Environment, Safety, and Health (ESH) Goals	Delete. No CRD.	210
DOE O 451.1B, Chg 1	National Environmental Policy Act Compliance Program – Change 1	Delete. No CRD.	210
DOE O 452.1D	Nuclear Explosive and Weapon Surety Program	Updated from version C to version D	M093
DOE O 452.2D	Nuclear Explosive Safety	Updated from version C to version D	M093

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Directive #	DOE Directive Title	Change	Change Mod #
DOE M 452.2-1A	Nuclear Explosive Safety Manual	Updated to version A	M093
DOE M 452.2-2	Nuclear Explosive Safety Evaluation Processes	Added	M093
DOE O 452.3	Management of the Department of Energy Nuclear Weapons Complex		
NNSA SD M 452.3-1	Defense Programs Business Requirements Manual and Processes Manual	Added	159
DOE M 452.4.1A	Protection of Use Control Vulnerabilities and Designs		
DOE O 452.4B	Security and Control of Nuclear Explosives and Nuclear Weapons	Updated from version A to version B	159
DOE O 452.6A	Nuclear Weapon Surety Interface with the Department of Defense	Added. Cancels DOE O 5610.13 Updated to version A	M065 M093
DOE O 452.7	Protection of Use Control Vulnerabilities and Designs	Added	159
DOE O 452.8	Control of Nuclear Weapon Data	Added	253
DOE N 456.1	Safe Handling of Unbound Engineered Nanoparticles	Added	M109
DOE O 457.1	Nuclear Counterterrorism		
DOE M 457.1-1	Control of Improvised Nuclear Device Information		
DOE O 458.1 Admin Chg 2	Radiation Protection of the Public and the Environment	Added. Added Chg 1 and deleted DOE O 5400.5, Chg 2. Updated from Chg 1 to Chg 2	210, 253
DOE O 460.1C	Packaging and Transportation Safety	Updated from version B to version C	159
DOE O 460.2A	Departmental Materials Transportation & Packaging Management		
DOE M 460.2-1A	Radioactive Material Transportation Practices	Updated to version A	M037
DOE O 461.1B	Packaging and Transfer or Transportation of Materials of National Security Interest	Updated from version A to version B	210
DOE M 461.1-1, Chg 1	Packaging and Transfer of Materials of National Security Interest Manual	Deleted by DOE O 461.2	253
DOE O 461.2	Outside Packaging and Transfer or Transportation of Materials of National Security Interest	Added	210
DOE P 470.1	Integrated Safeguards and Security-Management (ISSM) Policy	Delete. No CRD.	210
DOE O 470.2B	Independent Oversight and Performance-Assurance Program	Deleted and replaced with DOE O 227.1	253
DOE O 470.3A	Design Basis Threat Policy (U)		
DOE O 470.4A	Safeguards and Security Program-	Updated to version A Delete. No CRD.	M018 210
DOE M 470.4-1, Chg 1	Safeguards and Security Program Planning and Management		
NAP 70.2, Admin Chg 1	Physical Protection	Added. Added Admin Chg 1	167, 253

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DOE M 470.4-2A	Physical Protection; Added, implementation of new requirements suspended pending issuance of supplemental direction from NNSA HQ	Updated from Chg 1 to version A. Implementation caveat revised to only suspend implementation of new Manual requirements. Delete. Replaced by NAP 70.2	151, 158,167
DOE M 470.4-3, Chg 1	Protective Force; Attachment 2; CRD, Section C only	Delete attachment 2, CRD, except for Section C	M071
DOE M 470.4-3A	Contractor Protective Force	Added	M071
NAP 70.4, Admin Chg 1	Information Security	Added. Added Admin Chg 1	167, 253
DOE M 470.4-4, Chg 1	Information Security	Delete. Replaced by NAP 70.4	167
DOE M 470.4-5	Personnel Security	Added Expires 1/21/2012	253
DOE M 470.4-6, Chg 1	Nuclear Material Control and Accountability		
DOE M 470.4-7	Safeguards and Security Program References	Delete. Cancelled by DOE N 251.84	159
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information	Updated from version A to version B	151
DOE M 471.1-1, Chg. 1	Identification and Protection of Unclassified Controlled Nuclear Information Manual	Delete. Cancelled by DOE O 471.1B	159
DOE M 471.2-2	Classified Information Systems Security Manual Chapters I to VIII and the CRD for Classified Systems and Accreditation Only	Added Chapters I to VII and the CRD but only for classified information systems that was omitted with the issuance of DOE M 205.1-3 and 205.1-4	M018
DOE M 471.2-3B	Special Access Program Policies, Responsibilities, and Procedures	Updated from version A to version B. Deleted by DOE O 471.5	M018, 253
DOE O 471.3, Admin Chg 1	Identifying and Protecting Official Use Only Information	Updated to Admin Chg 1	210
DOE M 471.3-1	Manual for Identifying and Protecting Official Use Only Information		
DOE O 471.5	Special Access Programs	Added	253
DOE O 472.2	Personnel Security	Added and implement by 1/21/2012	253
DOE O 475.1	Counterintelligence Program		
DOE O 475.2A	Identifying Classified Information	Added version A	253
DOE M 475.1-1B	Manual for Identifying Classified Information	Deleted by DOE O 475.2A	253
DOE M 481.1-1A, Chg 1	Reimbursable Work for Non-Federal Sponsors Process Manual		
DOE O 482.1	DOE Facilities Technology Partnering Programs		
DOE O 484.1, Admin Chg 1	Reimbursable Work for Department of Homeland Security	Added Admin Chg 1	253
DOE M 483.1-1	DOE Cooperative Research & Development Agreements Manual	Delete. No CRD.	210
DOE O 483.1	DOE Cooperative Research & Development Agreements		

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DOE O 522.1	Pricing of Departmental Materials and Services	Added Retain CRD Paragraphs 1, 2, & 3 only	253
DOE O 534.1B	Accounting		
DOE O 551.1C	Official Foreign Travel	Updated from version B to version C	M037
DOE O 580.1, Chg 1	Department of Energy Personal Property Management Program and 41 CFR 109-1.53, 41 CFR 109-38, and 41 CFR 109-50.1	Updated to Chg. 1	M037
DOE O 1220.1A, Chg. 1	Congressional & Intergovernmental Affairs	Deleted by DOE N 251.104	253
DOE O 1340.1B	Management of Public Communications and Scientific, Technical, and Engineering Publications	Delete. Cancelled by DOE N 251.88	210
DOE O 1450.4	Consensual Listening In to or Recording Telephone/Radio Conversations	Deleted by DOE N 251.107	253
DOE O 5400.5, Chg 2	Radiation Protection of the Public and the Environment	Delete. Cancelled by DOE O 458.1	210
DOE O 5480.19, Chg 2	Conduct of Operations Requirements for DOE Facilities	Delete. Cancelled by DOE O 422.1	175
DOE O 5480.20A, Chg 1	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities	Delete. Cancelled by DOE O 426.2	165
DOE O 5530.1A	Accident Response Group	Delete. Cancelled by DOE O 153.1	M093
DOE O 5530.2	Nuclear Emergency Search Team	Delete. Cancelled by DOE O 153.1	M093
DOE O 5530.3, Chg. 1	Radiological Assistance Program	Delete. Cancelled by DOE O 153.1	M093
DOE O 5530.4	Aerial Measuring System	Delete. Cancelled by DOE O 153.1	M093
DOE O 5530.5, Chg. 1	Federal Radiological Monitoring & Assessment Center	Delete. Cancelled by DOE O 153.1	M093
DOE O 5610.2, Chg 1.	Control of Weapon Data	Deleted by DOE O 452.8	253
DOE O 5610.13	Joint Department of Energy/Department of Defense Nuclear Weapon System Safety, Security, and Control Activities	Delete. Cancelled by DOE O 452.6	M065
DOE O 5639.8A	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities		
DOE O 5660.1B	Management of Nuclear Materials	Delete. Cancelled by DOE O 410.2	159
DOE O 5670.1A	Management and Control of Foreign Intelligence	Delete. NA for Contractor	210
SEN-22-90	DOE Policy on Signatures of RCRA Permit Applications	Delete. Cancelled by DOE N 251.78	159
DOE STD-1020-2002	Natural Phenomena Hazards Design Evaluation Criteria for Department of Energy Facilities		
DOE STD-1021-1993, Change 1	Natural Phenomena Hazards Performance Categorization Guidelines for Structures, Systems, and Components		

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DOE STD-1022-1994, Change 1	Natural Phenomena Hazards Characterization Criteria		
DOE STD-1023-1995, Change 1	Natural Phenomena Hazards Assessment Criteria		
DOE-STD-1027-1992, Change 1	Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23 Nuclear Safety Analysis Reports		
DOE-STD-1073-2003	Department of Energy Standard Configuration Management		
DOE-STD-1090-2007	Hoisting and Rigging	Added	M037
DOE-STD-1095-2011	Department of Energy Laboratory Accreditation for External Dosimetry	Added	210
DOE STD-1098-2008	DOE Standard Radiological Control	Updated from 1999, Chg 1 to 2008	M093
DOE HDBK-1129-2008	Tritium Handling and Safe Storage, Section 6.6 only	Updated from 1999 to 2008, section 6.6 only	159
DOE-STD-1186-2004	Specific Administrative Controls		
DOE-STD-1189-2008	Integration of Safety into the Design Process	Added	M066
DOE-STD-3006-2000	Planning and Conduct of Operational Readiness Reviews		
DOE-STD-3009-1994, Change Notice 3	Preparation Guide for U.S. DOE Nonreactor Nuclear Facility Safety Analysis Reports		
DOE-STD-3011-2002	Guidance for Preparation of Basis for Interim Operation (BIO) Documents		
DOE-STD-3013-2004	Stabilization, Packaging, And Storage Of Plutonium-Bearing Materials		
DOE-STD-3014-1996	Accident Analysis for Aircraft Crash into Hazardous Facilities		
DOE-STD-3015-2004	Nuclear Explosive Safety Evaluation Process	Deleted. Cancelled by DOE M 452.2-2	M093
DOE-STD-3016-2006	Hazard Analysis Reports for Nuclear Explosive Operations	Added	M037
DOE STD-3020-2005	Specification for HEPA Filters Used by DOE Contractors		
DOE STD-7501-1999	The DOE Lessons Learned Program		
QC-1, Revision 10	DOE/NNSA Weapon Quality Policy (QC-1) Note: This document is not accessible to the public.		
Development and Production Manual	Development and Production Manual Note: This document is not accessible to the public.	Chapters 1.3, 2.7, 10.1, and 11.1 are cancelled by NNSA SC M 452.3	159

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Technical Business Practices	Technical Business Practices Note: This document is not accessible to the public.		
Infrastructure Business Practices	Infrastructure Business Practices Note: This document is not accessible to the public.		
Production Realization Standards	Production Realization Standards Note: This document is not accessible to the public.		
NSO O 140.X, Chg. 1	Facilities and Test Site Visits/Tours	Added Delete	M065 151
NSO M 412.X-1D	Real Estate/Operations Permits	Added Delete	M069 151
NSO M 412.X-2	Project Screening and Siting Approval Process	Added Delete	M069 151
NSO O 412.X3C	Activity Level Work Control	Added Delete	M069 151
NSO O 440.XA	Underground Operations Safety and Health	Added Delete	M065 151
NSO O 440.X2A	Site-Wide Lightning and other Hazardous-Weather Detection and Protection	Added Delete	M065 151
NSO O 450.XA	Nevada Test Site Access and Area Control	Added Delete	M065 151
NSO M 450.X2-1	Underground Nuclear Testing, Test Readiness, and Threshold Test, Ban Treaty, Ban Verification	Added Delete	M065 151
NSO O 450.X5	Subcritical Experiments	Added Delete	M069 151
NSO O 460.X	Hazardous Materials Notification System	Added Delete	M069 151
NSO O 470.X1B	Facility Security Survey corrective Action-Planning	Added Delete	M065 151
NSO O 473.XB, Chg. 1	Lock and Key Control	Added Delete	M065 151