

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- Deleted by new Clause H-42. | 253, 353 |
| DOE O 130.1 | Budget Formulation | Added | M003 |
| DOE O 140.1A | Interface with the Defense Nuclear Facilities Safety Board | Added, Updated to version 1A, Corrected the date of issuance | 677, 755, 785 |
| DOE M 140.1-1B | Interface with the Defense Nuclear Facilities Safety Board | Added | M003, 677 |
| DOE O 142.1 | Classified Visits Involving Foreign-Nationals | Added Delete. Superseded by DOE 470.4B | M003 432 |
| DOE M 142.2-1, Admin Chg 1 | Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency | Added, Added Admin Chg 1, Deleted | M065, 404, 833 |
| DOE O 142.2A, Admin Chg 1 | Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA | Added Admin Chg 1, Added a note | 404, 833 |
| DOE O 142.3BA- Chg 1 (Ltd Chg) 2(MinLtdChg) | Unclassified Foreign National Access Program | Updated to Chg 1, correct date issuance, Updated to version A Updated to Chg 1 (MinChg), Updated to Chg 2 (LtdChg), Updated, Updated to Change 1 (Ltd Chg). | M037 210, 253, 645, 729, 785, 801 |
| DOE O 150.1BA | Continuity Programs | Added Updated to version A, Updated to version B | M065 463, 801 |
| DOE O 151.1GD Chg 1 (Min Chg) | Comprehensive Emergency Management System | Added Updated to version D, Updated to Chg 1 (Min Chg) | M003, 645, 720 |
| DOE O 153.1A | Departmental Radiological Emergency-Response Assets-Departmental Nuclear Emergency Support Team Capabilities | Added, Updated to version A | M003, 824 |
| DOE N 153.2 | Connectivity to National Atmospheric-Release Advisory Center (NARAC) | Delete. Superseded by DOE O 153.1 | M037 |
| DOE O 200.1A Chg 42(MinChgLtdChg) | Information Management Program Information Technology Management | Changed name; Updated to version A Updated to Chg 1 (MinChg), Updated to Chg 2 (LtdChg) | M065, 404, 645, 845 |
| DOE M 200.1-1, Chapter 9 | Public Key Cryptography and Key-Management | Delete. No CRD. | 210 |
| NNSA SD 205.1 | Baseline Cybersecurity Program | Added, Corrected the issuance date | 674, 785 |
| DOE P-205.1 | Departmental Cyber Security-Management Policy | Delete. No CRD. | 210 |

SEC J - Appendix G Modifications to Applicable Directives

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|-----------------------------------|---|---|------------------------------------|
| DOE O 205.1CB- Chg 1 (Ltd Chg) | Department of Energy Cyber Security Program Note: NAP-14.1C 14.1D dated 12/14/12, 14.2C 14.1 C Chapter VII only 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. Updated to version B, admin chg 1 then updated to admin chg 2 and changed note with update to new NAP 14.1D. Fixed Typo of 14.2C to 14.1C. Updated to Chg 3 and changed title from Management to Program. Deleted NAP-14.1C 14.1D dated 12/14/12, 14.2C 14.1 C Chapter VII only and 14.3B. Updated to 1C, Updated to Chg 1 (LtdChg): | M037, 353, 463, 513, 677, 709, 801 |
| 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 205.11 | Security Requirements for Remote Access to DOE and Applicable Contractor Information Technology Systems | Delete. Superseded by DOE M 205.1-4 | M018 |
| DOE M 205.1-3, Admin Chg 1 | Telecommunications Security Manual Note: This document is not accessible to the public. | Updated to Admin Chg 1; Deleted per DOE Order 470.6 | 353, 513, 677 |
| DOE M 205.1-4 | National Security Systems Manual | Deleted by DOE O 205.1B, Admin Chg 1 | 353 |
| 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. Deleted by DOE O 205.1B Admin Chg 1 | M065,353 |
| 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. Deleted by DOE O 205.1B Admin Chg 1 | M065,353 |

SEC J - Appendix G Modifications to Applicable Directives

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|-------------------------------------|--|--|-------------------|
| 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. Deleted by DOE O 205.1B Admin Chg 1 | M069,353 |
| 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. Deleted by DOE O 205.1B Admin Chg 1 | M069,353 |
| DOE O 206.1 Chg 1 (MinChg) | 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. Deleted Note by NAP 14.1D, Updated to add admin chg 1. | M069, 353, 697 |
| DOE O 206.2 Chg 1 (LtdChg) | Identity, Credential, and Access Management (ICAM) | Added, Updated to Change 1 | 363, 817 |
| NNSA SD 206.2 | Implementation Of Personal Identity Verification For Uncleared Contractor | Added | 720 |
| DOE N-206.4 | Uncleared Contractors dated April 14,- 2018 | Added Delete. Superseded by DOE O 206.2 | M003 363 |
| 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 221.1AB | Reporting Fraud, Waste, and Abuse to the Office of Inspector General | Updated to version A Updated to version B | M037, 645 |
| 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 226.1B | Implementation of Department of Energy Oversight Policy | Added | 785 |
| NNSA SD 226.1BC | NNSA Site Governance | Added, Updated from version C | 637, 726 |
| DOE O 226.1A | Implementation of Department of Energy- Oversight Policy | Deleted. Clauses H-4 and H-7 provide the requirements | 258 |
| DOE O 227.1A Chg 1 (AdminChg) | Independent Oversight Program | Added, Updated to A, Updated to Change 1 (Admin Change) | 253, 619, 801 |
| DOE O 231.1B, Admin Chg 1 | Environment, Safety, and Health Reporting | Updated from version A to version B; updated to add admin chg 1 | 253, 353 |
| 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 |

SEC J - Appendix G Modifications to Applicable Directives

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|--|---|---|--|
| DOE O 232.2A Admin Chg 1 Chg1 (MinChg) | Occurrence Reporting and Processing of Operations Information | Added Updated to add Chg 1. Updated to A. Updated to add admin chg 1 | 253, 463, 645, 726 |
| DOE N 234.1 | Reporting of Radioactive Sealed Sources | Added Deleted, cancelled by DOE O 231.1B | M040 253 |
| DOE O 241.1B Chg 1 (Admin Chg) | Scientific and Technical Information Management | Updated from version A, Chg 1 to version B; Updated to version 1B Chg 1 (Admin Chg) | 210, 619 |
| DOE O 243.1A DOE O 243.1 CB Admin Chg 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. Added in its entirety. Updated to version A. Updated to version B. Updated to add admin chg 1, Updated to version C | M065 M093, 291, 363, 400, 824 |
| DOE O 243.2 | Vital Records | Added Retained CRD Paragraphs 1, 2, & 3 only. Deleted by DOE O 243.1B | M063 253, 363 |
| DOE O 251.1B | Departmental Directives Program | Delete. No CRD. | 210 |
| DOE M 251.1-1B | Directives System Manual | Delete. No CRD. | 210 |
| SD251.1AB | Directives Management | Added; Updated to version B | 674, 770 |
| DOE O 252.1A, Admin Chg 1 | Technical Standards Program | Updated to version A, updated to Admin Chg 1 | 210, 353 |
| DOE O 341.1A | Federal Employee Health Services Paragraph 4b and Attachment 1, Paragraph 2a only | Added | M018 |
| DOE Order 350.3 Chg1 (MinChg) | Labor Standards Compliance, Contractor Labor Relations, and Contractor Workforce Restructuring Programs | Added | 709 |
| DOE O 350.1 Chg. 67 | Contractor Human Resource Management Programs | Added, updated to Chg 7 | 677, 739 |
| 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 Cancelled by DOE N 251.115. | 253, 619 |
| NNSA SD O 350.2, Rev 1 | Use of Management and Operating or Other Facility Management Contractor Employees for Services to the NNSA in the Washington, D.C., Area | Added, updated to add version 1; changed number and title Deleted, replaced by NAP-31 | 291, 353, 637 |
| DOE O 410.2, Admin Chg 1 | Management of Nuclear Materials | Added Updated to add admin chg 1. | 151, 513 |
| DOE O 411.2 | Scientific Integrity | Added | 652 |
| DOE P 411.2A | DOE Scientific Integrity Policy | Added | 652 |
| DOE O 412.1A | Work Authorization System | Delete. No CRD. | 210 |
| NAP-413.1 | Data Collection for Cost Estimating | Added | 709 |
| DOE O 413.1B | Internal Control Program | Updated from version A to version B, Deleted | M069 |

SEC J - Appendix G

Modifications to Applicable Directives

| Directive # | DOE Directive Title | Change | Change Mod # |
|--|---|---|-----------------------------------|
| DOE O 413.2C Chg 1B, Admin- Chg 1 | Laboratory Directed Research & Development | Updated to Admin Chg 1 Updated to 2C, Updated to Chg 1 (MinChg) | 210, 580, 785 |
| 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 Chg 2-3-4 (PgChg MinChg), 5, 6, 7 (LtdChg) | Program and Project Management for the Acquisition of Capital Assets | Added Updated to Chg 2 (PgChg) Updated to Chg 3 (PgChg); Updated to Chg 4 (MinChg); Updated to Chg 5, Updated to Chg 6 (LtdChg); updated to Chg 7 | 210, 619, 645, 674, 677, 785, 845 |
| DOE G 413.3-3 | Safeguards and Security for Program and Project Management | Added Delete. No CRD. | M018 210 |
| DOE O 414.1D, Admin Chg 2 (LtdChg) | Quality Assurance | Updated from version C to version D, Added Admin Chg 1, Updated to Chg 2 (LtdChg) | 253, 404, 755 |
| DOE O 415.1, Admin Chg 1Chg 2 (MinChg) | Information Technology Project Management | Added Updated to Chg 2 (MinChg) | 353, 645 |
| DOE O 420.1C, Chg 1 B, Chg. 1- Chg 2 3 (Min- LtdChg) | Facility Safety | Updated to Chg. 1, Updated to add version C, Updated to Chg. 1, Updated to Chg 2 (Min Chg), Updated to Chg 3 (LtdChg), Added a note | 159, 353, 533, 702, 726, 833 |
| 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 420.2DG | Safety of Accelerators Facilities | Updated from version B to version C, Updated to version D | 253, 824 |
| DOE G 420.2-1 | Accelerator Facility Safety Implementation Guide | Delete. No CRD. | 210 |
| DOE O 422.1, Admin Chg 123- 4(MinLtdChg) | Conduct of Operations | Added, Added Admin Chg 1. Updated to Admin Chg 2, Updated to Chg 3 (MinChg), Updated to Chg 4 | 175, 404, 580, 726, 801 |
| DOE O 425.1D, Admin Chg 12 (MinChg) | Verification of Readiness to Startup or Restart Nuclear Facilities | Updated from version C to version D, Updated to add admin chg 1, Updated to add admin Chg 2 (MinChg) | 165, 353, 726 |
| DOE O 426.2, Admin Chg 1 | Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities | Added, Added Admin Chg 1 | 165, 404 |
| DOE O 430.1CB, Chg 2-Chg 1- (MinAdminChg) | Real Property Asset Management | Updated to Chg. 1 to add changes to attachment 6. Updated to add Chg 2. Updated to version C. Updated to Chg. 1 (MinChg), Updated to Chg 2 (AdminChg) | M037, 253, 652, 726, 801 |
| NNSA SD 430.1 | Real Property Asset Management | Added | 684 |
| DOE O 430.2B | Departmental Energy, Renewable Energy, and Transportation Management | Updated from version A to version B. Deleted by DOE O 436.1. | M037, 291 |
| DOE O 433.1B, Admin Chg 1 | Maintenance Management Program for DOE Nuclear Facilities | Updated from version A to version B, Added Admin Chg1 | 165, 404 |

SEC J - Appendix G Modifications to Applicable Directives

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|---|--|---|---------------------|
| DOE N 435.1 | Contact Handled and Remote Handled Transuranic Waste Packaging | Added, Deleted | 253, 833 |
| DOE O 435.1, Chg 1-Chg 2 (AdminChg) | Radioactive Waste Management | Added; Updated to Chg 2 (AdminChg) | M003, 770 |
| DOE M 435.1-1, Admin Chg 2-Chg 3 (LtdChg) | Radioactive Waste Management Manual | Updated to add Admin Chg 2. Updated to Chg 3 (LtdChg) | 253, 770 |
| DOE O 436.1A | Departmental Sustainability | Added. Only the following CRD Sections: 1 st paragraph; paragraph 1. and 2.a in its entirety; and paragraph 2.b as follows: Environmental Management Systems (EMS). Site sustainability goals must be integrated into the EMS's. Contractor is ISO 14001 certified; Updated to version A | 291, 845 |
| DOE O 437.1 | Bridge and Tunnel Management dated | Added | 770 |
| DOE M 440.1-1A | DOE Explosives Safety Manual | Deleted by DOE STD 1212-2012 | M003, 353 |
| DOE O 440.2C, Admin Chg 123 (LtdChg) | Aviation Management and Safety | Updated from version B to version C and added admin Chg 1 , updated to Chg 2 (LtdChg); updated to Chg 3 (LtdChg) | 253, 755, 845 |
| DOE M 441.1-1 | Nuclear Material Packaging Manual | Added | M037 |
| DOE O 442.1AB | Department Of Energy Employee Concerns Program | Added, Updated to 442.1B | M003, 702 |
| 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 Chg 1 (PgChg) | Differing Professional Opinions for Technical Issues Involving ES&H Technical Concerns | Added Updated to Chg 1 (PgChg) | 253, 645 |
| DOE O 443.1BC Chg1 (PgChg) | Protection of Human Research Subjects | Added. Updated from version A to version B Updated to Chg1 (PgChg), Updated to version C | M037, 253, 619, 729 |
| DOE N 443.1 | Protection of Human Subjects in Classified Research | Added | 619 |
| DOE O 450.1A | Environmental Protection Program | Corrected to Chg 3 Updated to version A, Deleted by DOE O 436.1 | M018 M065, 291 |
| DOE M 450.3-1 | Department of Energy Closure Process for Necessary and Sufficient Sets of Standards | Delete Cancelled by DOE N 251.103 | 210 |
| DOE M 450.4-1 | 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 |

SEC J - Appendix G

Modifications to Applicable Directives

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|--------------------------------|--|--|--------------------------|
| DOE O 452.1FE-1D, Admin Chg 1 | Nuclear Explosive and Weapon Surety Program | Updated from version C to version D, Added Admin Chg 1, Updated from version D to E, Updated from version E to F | M093, 404, 533, 833 |
| DOE O 452.2FE-2D, Admin Chg 1 | Nuclear Explosive Safety | Updated from version C to version D, Added Admin Chg 1, Updated from version D to E, Updated to version F, Deleted | M093, 404, 533, 755, 833 |
| DOE M 452.2-1A, Admin Chg 1 | Nuclear Explosive Safety Manual | Updated to version A, Added Admin Chg 1; Deleted | M093, 404, 533 |
| DOE M 452.2-2, Admin Chg 1 | Nuclear Explosive Safety Evaluation Processes | Added, Added Admin Chg 1, Deleted | M093, 404, 574 |
| NNSA SD 452.2AB | Nuclear Explosives Safety Evaluation Processes | Added ; updated to version A; updated to version B | 513; 674; 793 |
| DOE O 452.3 | Management of the Department of Energy Nuclear Weapons Complex | Added | M003 |
| NNSA SD 452.3-1A | Defense Programs Business Process System | Added | 619 |
| NNSA SD 452.4 Admin Chg 1, | Implementation and Evaluation of Controls to Prevent Deliberate Unauthorized Use | Added | 755 |
| NNSA SD 452.4-1 | Nuclear Enterprise Assurance (NEA) | Added | 824 |
| NNSA SD M-452.3-1 | Defense Programs Business Requirements Manual and Processes Manual | Added Cancelled by NNSA SD 452.3-1A | 159, 619 |
| NNSA SD 452.3-2 | Phase 6.X Process | Added | 652 |
| DOE M 452.4.1A | Protection of Use Control Vulnerabilities and Designs | Added Delete. Cancelled by DOE O 452.7 | M003,159 |
| DOE O 452.4B 4C | Security and Use Control of Nuclear Explosives and Nuclear Weapons | Updated from version A to version B; updated from version B to version C. | 159, 574 |
| DOE O 452.6A Chg 1 (Admin Chg) | Nuclear Weapon Surety Interface with the Department of Defense | Added. Cancels DOE O 5610.13 Updated to version A, Updated to Chg 1 (Admin Chg) | M065 M093, 785 |
| DOE O 452.7 Chg 1 (AdminChg) | Protection of Use Control Vulnerabilities and Designs | Added, Updated | 159, 745 |
| DOE O 452.8 | Control of Nuclear Weapon Data | Added | 253 |
| DOE N 456.1 | Safe Handling of Unbound Engineered Nanoparticles | Added. Cancelled by DOE O 456.1 | M109, 291 |
| DOE O 456.1A, Admin Chg 1 | The Safe Handling of Unbound Engineered Nanoparticles | Added, added Admin Chg 1 Updated to version A | 258, 353, 619 |
| DOE O 457.1A | Nuclear Counterterrorism | Added version A | 404 |
| DOE M 457.1-1 | Control of Improvised Nuclear Device Information | Deleted by DOE O 457.1A | 404 |
| DOE O 458.1 Admin Chg 2-34 | 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. Updated to Admin Chg 3, Updated to Chg 4 (LtdChg) | 210, 253, 353, 755 |

SEC J - Appendix G

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|---|--|---|-------------------|
| DOE O 460.1DC- Chg 1 (LtdChg) | Hazardous Materials Packaging and Transportation Safety | Updated from version B to version C Revised title and updated to version D, Updated to Change 1 (LtdChg) | 159, 652, 817 |
| DOE O 460.2AB | Departmental Materials Transportation & Packaging Management | Added, Updated from version A to version B, Added a note | M003, 817, 833 |
| DOE M 460.2-1A | Radioactive Material Transportation Practices | Updated to version A, Deleted by DOE O 460.2B | M037, 817 |
| DOE O 461.4B1C | Packaging and Transportation for Offsite Shipment of Materials of National Security Interest | Updated from version A to version B Updated from version B to version C | 210, 619 |
| 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 | Onsite Packaging and Transfer of Materials of National Security Interest | Added | 210 |
| DOE O 462.1 Admin Chg 1 | Import and Export of Category 1 and 2 Radioactive Sources Aggregated Quantities | Added | 513 |
| 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 470.3B | Graded Security Protection (GSP) Policy | Updated to version B and changed title from "Design Basis Threat Policy (U)" to "Graded Security Protection (GSP) Policy" Deleted. Cancelled by DOE O 470.3C | 513 637 |
| DOE O 470.3C Chg 1 (LtdChg) | Design Basis Threat (DBT) Order Change 1 | Added, Updated to Change 1 | 637, 755 |
| DOE O 470.4B, Chg 2 3(LtdChg) Admin Chg 1 | Safeguards and Security Program | Added Updated to Chg 2 (MinChg), Updated to Chg 3 (LtdChg) | 432, 645, 793 |
| 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 | Added. Canceled by DOE O 470.4B | M003, 432 |
| NNSA SD 470.4-2 Admin Chg 1 | Enterprise Safeguards and Security Planning and Analysis Program | Added, Updated to Admin Chg 1 | 689, 785 |
| NAP 70.2, Admin Chg 1 | Physical Protection | Added. Added Admin Chg 1 Delete. | 167, 253, 432 |
| 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, Deleted by DOE O 473.3 | M071, 291 |
| DOE M 470.4-3A | Contractor Protective Force | Added. Delete. Superseded by DOE O 473.3 | M071, 432 |

SEC J - Appendix G Modifications to Applicable Directives

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| NAP 70.4, Admin Chg 1 | Information Security | Added. Added Admin Chg 1 Delete. Replaced by DOE O 471.6 | 167, 253, 432 |
| 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, Cancelled by DOE O 472.2 | 253, 291 |
| DOE M 470.4-6, Chg 1 | Nuclear Material Control and Accountability | Added. Deleted. Cancelled by DOE O 474.2 | M003, 432 |
| DOE M 470.4-7 | Safeguards and Security Program References | Delete. Cancelled by DOE N 251.84 | 159 |
| DOE O 470.5 | Insider Threat Program | Added. | 580 |
| DOE O 470.6, DOE O 470.6 Chg 1 (MinChg) | Technical Security Program | Added, Updated to Chg 1 | 645,674 |
| NNSA SD 470.6 | Technical Security Program | Added | 817 |
| NNSA ACD-470.6 | Use Of Mobile Devices Within National Nuclear Security Administration Secure Spaces | Added | 720 |
| DOE O 471.1B | Identification and Protection of Unclassified Controlled Nuclear Information | Updated from version A to version B | 151 |
| NNSA SD 471.6 | Operations Security Program | Added | 739 |
| 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 Deleted. | M018, 291 |
| 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, Superseded by DOE O 471.7, Deleted | 210, 833 |
| DOE M 471.3-1, Admin Chg 1 | Manual for Identifying and Protecting Official Use Only Information | Added Admin Chg 1, Superseded by DOE O 471.7, Deleted | 404, 833 |
| DOE O 471.5 | Special Access Programs | Added | 253 |
| DOE O 471.6, Admin Chg 1-2-34 (LtdChg) | Information Security | Added; Updated to Chg 2; updated to Chg 3; updated to Chg 4 | 432, 574, 720, 845 |
| DOE O 471.7 | Controlled Unclassified Information | Added | 810 |
| DOE O 472.2 Chg 42(Pg Chg)A | Personnel Security | Added and implement by 1/21/2012 Updated to Chg 1, Updated to Chg 2 (Pg Chg), Updated to version A | 253, 513, 801, 817 |
| DOE O 473.1A | Physical Protection Program | Added | 810 |
| DOE O 473.2A | Protective Force Operations | Added | 810 |
| DOE O 473.3A- DOE O 473.3A- Chg 1 (MinChg) | Protection Program Operations | Added Updated to version A; Updated to Chg 1, Deleted | 432, 628, 674, 833 |

SEC J - Appendix G Modifications to Applicable Directives

| Directive # | DOE Directive Title | Change | Change Mod # |
|--|---|--|---------------------|
| NNSA SD 473.3 | Enterprise Mission Essential Task List-based Protective Force Training Program | Added | 574 |
| DOE O 474.2A, Admin Chg 2-3Chg 4 (PgChg) | Nuclear Material Control and Accountability | Added; Updated to Chg 3 Updated to Chg 4 (PgChg); Updated to version A | 432, 574, 645, XXX |
| DOE O 475.1 | Counterintelligence Program | Added | M003 |
| DOE O 475.2B | Identifying Classified Information | Added version A Added version B | 253, 513 |
| 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 | Added | M003 |
| DOE O 482.1 | DOE Facilities Technology Partnering Programs | Cancelled by DOE N 252.111 | 291 |
| DOE O 483.1, Admin Chg 1 | DOE Cooperative Research & Development Agreements | Added Admin Chg 1; Cancelled by DOE O 483.1A | 404, 432 |
| DOE O 483.1AB Chg 12 (Min-LtdChg) | DOE Cooperative Research and Development Agreements | Replaces DOE O 483.1, Admin Chg 1, Updated to B; Updated to Chg 1 (Min Chg), Updated to Chg 2 (Ltd Chg) | 432, 645, 702, 729 |
| DOE M 483.1-1 | DOE Cooperative Research & Development Agreements Manual | Delete. No CRD. | 210 |
| DOE 484.1, Admin Chg 1-2 | Reimbursable Work for Department of Homeland Security | Updated to Chg 2 | 253, 580 |
| DOE O 486.1A | Foreign Government Sponsored Or Affiliated Activities | Added, Updated | 709, 753 |
| DOE O 520.1B Chg 1 (Ltd Chg) | Financial Management and Chief Financial Officer Responsibilities | Added, Updated to Chg 1 (LtdChg) | 774, 833 |
| DOE O 522.1A | Pricing of Departmental Materials and Services | Added Retain CRD Paragraphs 1, 2, & 3 only; Updated to version A | 253, 684 |
| DOE O 534.1B | Accounting | Added | M003 |
| DOE O 550.1 Chg 1 (LtdChg) | Official Travel | Added, Updated to Chg 1 (LtdChg) | 720, 729 |
| DOE O 551.1D, Chg 1 Chg 2 (Minor Revision) | Official Foreign Travel | Updated from version B to version C. Updated to version D; Updated to Chg 1. Updated to Chg 2 (Minor Revision); Deleted. | M037, 291, 574, 645 |
| 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; Deleted by DOE O 580.1A, Admin Chg 1 | M037, 363 |
| DOE O 580.1A, Admin 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 | Replaces DOE O 580.1, Chg 1 Deleted | 363, 645 |
| DOE O 1220.1A, Chg. 1 | Congressional & Intergovernmental Affairs | Deleted by DOE N 251.104 | 253 |

SEC J - Appendix G Modifications to Applicable Directives

| Directive # | DOE Directive Title | Change | Change Mod # |
|-----------------------------|--|------------------------------------|--------------|
| 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 | Added | M003 |
| 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 | Delete. Referenced in DOE O 420.1C | 432 |
| DOE-STD-1021-1993, Change 1 | Natural Phenomena Hazards-Performance Categorization Guidelines for Structures, Systems, and Components | Added; Delete. | M003, 574 |
| DOE-STD-1022-1994, Change 1 | Natural Phenomena Hazards-Characterization Criteria | Added; Delete. | M003, 574 |
| DOE-STD-1023-1995, Change 1 | Natural Phenomena Hazards Assessment Criteria | Added; Delete. | M003, 574 |
| DOE-STD-1027-92, Change 1 | Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23 Nuclear Safety Analysis Reports | Added. | M003 |
| DOE-STD-1073-2003 | Department of Energy Standard-Configuration Management | Delete. Referenced in DOE O 420.1C | 432 |

SEC J - Appendix G

Modifications to Applicable Directives

| Directive # | DOE Directive Title | Change | Change Mod # |
|---|---|---|------------------------|
| DOE-STD-1090-2011-2020 | Hoisting and Rigging | Added, updated to version 2011; Updated to version 2020 | M037, 291, 755 |
| DOE-STD-1095-2011-2018 | Department of Energy Laboratory Accreditation Program for Personnel Dosimetry | Added, Updated to 2018 | 210, 697 |
| DOE-STD-1098-2008, Chg 1 | DOE Standard Radiological Control | Updated from 1999, Chg 1 to 2008. Deleted | M093, 432, 712 |
| DOE-STD-HDBK-1129-2008-2015 | Tritium Handling and Safe Storage, Section 6.6 only | Updated from 1999 to 2008, section 6.6 only Supersedes DOE HDBK 1129-2008. | M003, 159, 619 |
| DOE-STD-1186-2004 | Specific Administrative Controls | Delete. Referenced in DOE O 420.1C | 432 |
| DOE-STD-1189-2008 | Integration of Safety into the Design Process | Added; Delete. Referenced in DOE O 420.1C | M066, 432 |
| DOE-STD-1190-2007 | DOE Standard Illness and Injury Surveillance Program Guidelines | Added, Deleted No longer funded | 291, 404 |
| DOE Technical Standard 1207-2012 | Protection Program Defensive Planning for Fixed Facilities | Added | 709 |
| DOE-STD-1210-2012 | Incidents of Security Concern | Added, Deleted No Longer Required | 770 |
| DOE-STD-1212-2012-20129 Change Notice 1 | Explosives Safety | Added, Updated to 2019, Updated to Change Notice 1 | 353, 729, 801 |
| DOE-STD-1231-2018 | Preparation and Conduct of Protective Force Performance Testing (OUO) | Added, Deleted | 697, 833 |
| DOE-STD-1269-2022 | Air Cleaning Systems in DOE Nuclear Facilities | Added | 824 |
| DOE-STD-3006-2000-2010 | Planning and Conducting Readiness Reviews | Added. Updated to 2010 and edited title, Deleted | M003, 619, 833 |
| DOE-STD-3009-1994, Change Notice 3 | Preparation Guide for U.S. DOE Nonreactor Nuclear Facility Safety Analysis Reports | Added. | M003 |
| DOE-STD-3011-2002-2016 | Guidance for Preparation of Basis for Interim Operation (BIO) Documents- Preparation Of Documented Safety Analysis For Interim Operations At DOE Nuclear Facilities | Added, Updated to 2016 | M003, 785 |
| DOE-STD-3013-2004-2012-2018 | Stabilization, Packaging, And Storage Of Plutonium-Bearing Materials | Added Updated to 2012; Updated to 2018 | M003, 580, 697 |
| DOE-STD-3014-1996-2006 | Accident Analysis for Aircraft Crash into Hazardous Facilities | Added Supersedes DOE-STD-3014-1996 | M003, 619 |
| DOE-STD-3015-2004 | Nuclear Explosive Safety Evaluation Process | Deleted. Cancelled by DOE M 452.2-2 | M093 |
| DOE-NA-STD-3016-2006-2016-2018-2023 | Hazard Analysis Reports for Nuclear Explosive Operations | Added; Updated to 2016; Updated to 2018; Updated to 2023 | M037, 645, 702, 845 |
| DOE-STD-3020-2005-2015 | Specification for HEPA Filters Used by DOE Contractors | Added. Updated to 2015. | M003, 619 |

SEC J - Appendix G Modifications to Applicable Directives

| Directive # | DOE Directive Title | Change | Change Mod # |
|---|--|---|--------------------|
| DOE STD-3025-2022 | Quality Assurance Inspection and Performance Testing of High Efficiency Particulate Air (HEPA) and Ultra Low Penetrating Air (ULPA) Filters | Added | 801 |
| DOE-STD-5506-2021 | Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities | Added | 801 |
| DOE STD-7501-99 | The DOE Lessons Learned Program | Added | M003 |
| NAP 476.1 Admin Chg 1 formerly NAP-23 Admin Chg 1 | Atomic Energy Act Control of Import and Export Activities | Added, Renumbered | 533, 739 |
| NAP 401.1A Admin Chg 1 formerly Revision 10 NAP-24A | DOE/NNSA Weapon Quality Policy (QC-1) Note: This document is not accessible to the public. | QC-1 deleted by NAP-24, Added NAP-24 Updated to version A, Renumbered, Updated to version A Admin Chg 1 | 404, 619, 739, 785 |
| NAP 540.2 formerly NAP-31 | NNSA M&O Off-Site Extended Duty Assignments | Added. Cancels NNSA SD 350.2, Rev. 1, Renumbered | 637, 739 |
| NAP-412.1 | Financial Integration | Added | 702 |
| QP-100 Amend 4 | Application of Quality Requirements to UK and US Procurement Orders and Loan Authorizations for Research, Design, and Development. Note: This document is only applicable when the contractor is providing R&D, and Emergency Support for Procurement Orders issued under UKMOD. | Added Updated to Amendment 4 | 291, 463 |
| 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, Changes added based on RMI memos | 159, 404 |
| Technical Business Practices | Technical Business Practices Note: This document is not accessible to the public. | Added | M003 |
| Infrastructure Business Practices | Infrastructure Business Practices Note: This document is not accessible to the public. | Added | M003 |
| Production Realization Standards | Production Realization Standards Note: This document is not accessible to the public. | Added | M003 |
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| NNSO O 140.X, Chg. 1 | Facilities and Test Site Visits/Tours | Added Delete | M065 151 |

SEC J - Appendix G Modifications to Applicable Directives

| Directive # | DOE Directive Title | Change | Change Mod # |
|-------------------------|---|-----------------|--------------|
| 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 |