

SECTION J

APPENDIX B

LIST OF APPLICABLE DIRECTIVES

NOVEMBER 2020

In addition to the list of applicable directives referenced below, the contractor shall also comply with supplementary directives (e.g., manuals), which are invoked by a Contractor Requirements Document (CRD) attached to a directive referenced below.

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
ASME NQA-1 2008, 2009 Addenda, 1b 2011	Quality Assurance Requirements for Nuclear Facility Application		
Baseline Security Procedure for NNSA SAP (Applies to Y-12 Only)	Baseline Security Procedure for NNSA SAP		
41 CFR 102	Federal Management Regulation		
41 CFR 109	Department of Energy Property Management Regulations		
DOE-DTRA TP 50-2	Procedures for the Use and Control of Logistics Material for Permissive Action Link (PAL) Equipped Weapons (U)		
DoD TB 700-2	DoD Ammunition and Explosives Hazard Classification Procedures		
DOE O 130.1	Budget Formulation		
DOE O 140.1A	Interface with the Defense Nuclear Facilities Safety Board (DNFSB)		
DOE O 142.2A Admin Chg 1	Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA		
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		
DOE O 142.3A Chg 2	Unclassified Foreign Visits and Assignments Program		
DOE O 150.1A	Continuity Programs		
DOE O 151.1D Chg 1	Comprehensive Emergency Management System		
DOE O 153.1	Departmental Radiological Emergency Response Assets		
DOE O 200.1A Chg 1	Information Technology Management		
DOE O 205.1C	Department of Energy Cyber Security Program		
DOE O 206.1 Chg 1	DOE Privacy Program		
DOE O 206.2	Identity, Credential, and Access Management (ICAM)		
DOE O 210.2A	DOE Corporate Operating Experience Program		
DOE O 221.1B	Reporting Fraud, Waste and Abuse to		

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
	Office of Inspector General		
DOE O 221.2A	Cooperation with the Office of Inspector General		
DOE O 225.1B	Accident Investigations		
DOE O 226.1B	Implementation of Department of Energy Oversight Policy		
DOE O 227.1A	Independent Oversight Program		
DOE O 231.1B Admin Chg 1	Environment, Safety and Health Reporting		
DOE O 232.2A Chg 1	Occurrence Reporting and Processing of Operations Information		
DOE O 241.1B Admin Chg. 1	Scientific and Technical Information Management		
DOE O 243.1B Admin Chg. 1	Records Management Program		
DOE O 252.1A Admin Chg 1	Technical Standards Program		
DOE O 341.1A	Federal Employee Health Services		
DOE O 410.2 Admin Chg 1	Management of Nuclear Materials		
DOE O 411.2	Scientific Integrity		
DOE O 412.1A Admin Chg 1	Work Authorization System		
DOE O 413.1B	Internal Control Program		
DOE O 413.3B Chg 5	Program and Project Management for the Acquisition of Capital Assets		
DOE O 414.1D Admin Chg 2	Quality Assurance		
DOE O 415.1 Chg 2	Information Technology Project Management		
DOE O 420.1C Chg 3	Facility Safety		
DOE G 420.1-1A	Nonreactor Nuclear Safety Design Guide for use with DOE O 420.1C Facility Safety		
DOE O 422.1 Chg 3	Conduct of Operations		
DOE O 425.1D Chg 2	Verification of Readiness to Start Up or Restart Nuclear Facilities		
DOE O 426.2 Admin Chg 1	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities		
DOE O 433.1B Admin Chg 1	Maintenance Management Program for DOE Nuclear Facilities		
DOE O 435.1 Chg 1	Radioactive Waste Management		
DOE M 435.1-1 Admin Chg 2	Radioactive Waste Management Manual		
DOE N 435.1	Contact-Handled and Remote-Handled Transuranic Waste Packaging		
DOE O 436.1	Departmental Sustainability		
DOE O 440.2C Admin Chg 1	Aviation Management and Safety		
DOE M 441.1-1 Admin Chg 1	Nuclear Material Packaging Manual		
DOE O 442.1B	Department of Energy Employee Concerns Program		

DOE O 442.2 Chg 1	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns		
DOE O 443.1C	Protection of Human Research Subjects		
DOE O 452.1E	Nuclear Explosive and Weapon Surety Program		
DOE O 452.2E	Nuclear Explosive Safety		
DOE O 452.3	Management of DOE Nuclear Weapons Complex		
DOE O 452.4C	Security and Use Control of Nuclear Explosives and Nuclear Weapons		
DOE O 452.6A	Nuclear Weapon Surety Interface with the Department of Defense		
DOE O 452.7 Chg 1	Protection of Use Control Vulnerabilities and Designs		
DOE O 452.8	Control of Nuclear Weapon Data		
DOE O 457.1A	Nuclear Counterterrorism		
DOE O 458.1 Admin Chg 4	Radiation Protection of the Public and the Environment		
DOE O 460.1D	Hazardous Materials Packaging and Transportation Safety		
DOE O 460.2A	Departmental Materials Transportation and Packaging Management		
DOE M 460.2-1A	Radioactive Material Transportation Practices Manual		
DOE O 461.1C	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest		
DOE O 461.2	Onsite Packaging and Transfer of Materials of National Security Interest		
DOE O 462.1 Admin Chg 1	Import and Export of Category 1 and 2 Radioactive Sources and Aggregate Quantities		
DOE O 470.3C	Design Basis Threat (DBT) Order		
DOE O 470.4B Chg 2	Safeguards and Security Program		
DOE O 470.5	Insider Threat Program		
DOE O 470.6 Chg 1	Technical Security Program		
NNSA ACD 470.6	Use of Mobile Devices within National Nuclear Security Administration Secure Spaces		
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information		
DOE O 471.3 Admin Chg 1	Identifying and Protecting Official Use Only Information		
DOE M 471.3-1 Admin Chg 1	Manual for Identifying and Protecting Official Use Only Information		
DOE O 471.5	Special Access Programs		
DOE O 471.6 Admin Chg 3	Information Security		
DOE O 472.2 Chg 1	Personnel Security		
DOE O 473.3A Chg 1	Protection Program Operations		

DOE O 474.2 Admin Chg 4	Nuclear Material Control and Accountability		
DOE O 475.1	Counterintelligence Program		
DOE O 475.2B	Identifying Classified Information		
DOE O 483.1B Chg 2	DOE Cooperative Research and Development Agreements		
DOE O 484.1 Admin Chg 2	Reimbursable Work for the Department of Homeland Security		
DOE O 486.1A	Department of Energy Foreign Government Talent Recruitment Programs		
DOE O 522.1A	Pricing of Departmental Materials and Services		
DOE O 534.1B	Accounting		
DOE O 550.1 Chg 1	Official Travel		
DOE O 5639.8A	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities		
DOE-STD-1020-2016	DOE Standard – Natural Phenomena Hazards Analysis and Design Criteria for DOE Facilities		
DOE-STD-1027-2018 Chg Notice 1	DOE Standard – Hazard Categorization of DOE Nuclear Facilities		
DOE-STD-1066-2016	DOE Standard – Fire Protection		
DOE-STD-1070-1994 (Reaffirmed July 2014)	DOE Standard – Guidelines for Evaluation of Nuclear Facility Training Programs		
DOE-STD-1073-2016	DOE Standard – Configuration Management		
DOE-STD-1090-2020	DOE Standard – Hoisting and Rigging		
DOE-STD-1186-2016	DOE Standard- Specific Administrative Controls		
DOE-STD-1189-2016	DOE Standard – Integration of Safety into the Design Process		
DOE-STD-1195-2011	DOE Standard –Design of Safety Significant Safety Instrumented Systems Used at DOE Nonreactor Nuclear Facilities		
DOE-STD-1212-2019	DOE Standard – Explosives Safety		
DOE-STD-1225-2017	DOE Standard – DOE Canine Performance Testing Protocol Standard (OUO)		
DOE-STD-3007-2017	DOE Standard –Preparing Criticality Safety Evaluations at Department of Energy Nonreactor Nuclear Facilities		
DOE-STD-3009-94	DOE Standard – Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analysis		
DOE-STD-3009-2014	DOE Standard – Preparation of Nonreactor Nuclear Facility Documented Safety Analysis		
DOE-STD-3013-2018	Stabilization, Packaging and Storage of Plutonium-Bearing Materials		
DOE-NA-STD-3016-2018	DOE Limited Standard – Hazard Analysis Reports for Nuclear Explosive Operations		

DOE-STD-3020-2015	DOE Standard – Specification for HEPA Filters Used by DOE Contractors		
DOE-STD-3024-2011	DOE Standard – Content of System Design Descriptions		
DOE-STD-3025-2007	DOE Standard – Quality Assurance Inspection and Testing of HEPA Filters		
DOE Technical Manual DOE-SNL-TYPEBARG-REV3- CHNG0	Tiedown Procedures for Type-A, Type-B, ARG, and Miscellaneous Containers Transported in Safeguards Transporter		
EP-401075 Issue E	Electrical Testers for Nuclear Explosives		
Executive Order 11514	Protection and Enhancement of Environmental Quality		
Executive Order 11988	Floodplain Management		
Executive Order 11990	Protection of Wetlands		
Executive Order 12333	U. S. Intelligence Activities		
Executive Order 12898	Environmental Justice		
Executive Order 13186	Responsibilities of Federal Agencies to Protect Migratory Birds		
Executive Order 13513	Federal Leadership on Reducing Text Messaging While Driving		
Executive Order 13556	Controlled Unclassified Information		
Joint DOE/DoD Technical Publication 45-51B	Transportation of Nuclear Weapons Material		
NFPA Codes and Standards	NFPA Codes and Standards		
NHPA CRMP (April 2004)	Pantex Plant Cultural Resource Management Plan		
NNSA BOP 001.311	NNSA Budget Validation Process		
NNSA BOP 413.1 Admin Chg (formerly BOP 06.01 Admin Chg 1)	Value Management (VM)		

NNSA Policy Letter: NAP 476.1 Admin Chg 1 (formerly NAP-23 Admin Chg 1)	Atomic Energy Act Control of Import and Export Activities		
NNSA Policy Letter: NAP 401.1 (formerly NAP-24A)	Weapon Quality Policy		
NNSA Policy Letter: NAP 520.1 Admin Chg 1 (formerly NAP-25 Admin Chg 1)	Management and Operating Contractor Business Meals and Light Refreshments		
NNSA Policy Letter: NAP 540.2 (formerly NAP-31)	NNSA M&O Off-Site Extended Duty Assignments		
NNSA Policy Letter: NAP-220.1	Internal Affairs Program		
NNSA Policy Letter: NAP-412.1	Financial Integration		
NNSA Policy Letter: NAP-413.1	Data Collection for Cost Estimating		
NNSA Policy Letter: NAP-476.1	Atomic Energy Act Control of Import and Export Activities		
NPO Procedure – NPO-SD 3.4.3 (Applies to Pantex Only)	Conducting Readiness Reviews of Hazardous Non-Nuclear Facilities and Activities		
NNSA Quality Plan 100-1 (QP-100) – Application of Quality Requirements to UK and US Procurement Contracts and Loan Authorizations for Research, Design & Development, as Amended	Quality Plan No.: 100-1		
NNSA Supplemental Directive – NNSA SD 205.1	Baseline Cybersecurity Program		
Committee on National Security Systems Instructions	All – implement as published		
National Institute of Standards and Technology -- Federal Information Processing Standard 202	SHA-3 Standard: Permutation-Based Hash and Extendable-Output Functions		
National Institute of Standards and Technology -- Federal Information Processing Standard 201-2	Personal Identity Verification (PIV) of Federal Employees and Contractors		
National Institute of Standards and Technology -- Federal Information Processing Standard 200	Minimum Security Requirements for Federal Information and Information Systems		
National Institute of Standards and Technology -- Federal Information Processing Standard 199	Standards for Security Categorization of Federal Information and Information Systems		
National Institute of Standards and Technology -- Federal Information Processing Standard 198-1	The Keyed-Hash Message Authentication Code (HMAC)		
National Institute of Standards and Technology -- Federal Information Processing Standard 197	Advanced Encryption Standard (AES)		
National Institute of Standards and Technology -- Federal Information Processing Standard 186-4 and 186- 5	Digital Signature Standard (DSS)		
National Institute of Standards and Technology -- Federal Information Processing Standard 180-4	Secure Hash Standard (SHS)		
National Institute of Standards and Technology -- Federal Information Processing Standard 140-2 and 140- 3	Security Requirements for Cryptographic Modules		

National Institute of Standards and Technology – Special Publication 800-37	Guide for Applying RMF to Federal Systems (current revision)		
National Institute of Standards and Technology – Special Publication 800-39	Managing Risk for information Systems (current revision)		
National Institute of Standards and Technology – Special Publication 800-53	Security controls for Federal Information Systems (current revision)		
National Institute of Standards and Technology – Special Publication 800-171	Protecting controlled Unclassified Information in Nonfederal Systems and Organizations		
Department of Homeland Security -- Binding Operational Directive 20-01	Develop and Publish a Vulnerability Disclosure Policy		
Department of Homeland Security -- Binding Operational Directive 19-02	Vulnerability Remediation Requirements for Internet-Accessible Systems		
Department of Homeland Security -- Binding Operational Directive 18-02	Securing High Value Assets		
Department of Homeland Security -- Binding Operational Directive 18-01	Enhance Email and Web Security		
Department of Homeland Security -- Binding Operational Directive 17-01	Removal of Kaspersky-branded Products		
Department of Homeland Security -- Binding Operational Directive 16-03	2016 Agency Cybersecurity Reporting Requirements		
Department of Homeland Security -- Binding Operational Directive 16-02	Threat to Network Infrastructure Devices		
Department of Homeland Security – Emergency (Cybersecurity) Directives	All – implement as published		
NNSA Supplemental Directive – NNSA SD 206.1	Privacy Program		
NNSA Supplemental Directive NNSA SD 206.2	Implementation of Personal Identity Verification for Uncleared Contractors		
NNSA Supplemental Directive – NNSA SD 226.1C	NNSA Site Governance		
NNSA Supplemental Directive – NNSA SD 251.1A	Directives Management		
NNSA Supplemental Directive – NA SD O 350.1	Management and Operating Contractor Service Credit Recognition		
NNSA Supplemental Directive – NNSA SD 415.1	Project Oversight for Information Technology (PO-IT)		
NNSA Supplemental Directive – NNSA SD 430.1	Real Property Asset Management		
NNSA Supplemental Directive – NNSA SD 452.2A	Nuclear Explosive Safety Evaluation Processes		
NNSA Supplemental Directive NNSA SD 452.3	Managing the Operation of Shared NNSA Assets and Shared National Resources		
NNSA Supplemental Directive - NNSA SD 452.3-1A	Defense Programs Business Process System (DPBPS)		
NNSA Supplemental Directive – NNSA SD 452.3-2	Phase 6.X Process		
NNSA Supplemental Directive NNSA SD 452.4	Implementation and Evaluation of Controls to Prevent Deliberate Unauthorized Use		

NNSA Supplemental Directive - NNSA SD 470.4-2	Enterprise Safeguards and Security Planning and Analysis Program		
NNSA Supplemental Directive – NNSA SD 471.6	Operations Security Program		
NNSA Supplemental Directive – NNSA SD 473.3	Enterprise Mission Essential Task List-based Protective Force Training Program		
NNSA Supplemental Directive – NNSA SD G 1027 Admin Chg 1	Guidance on Using Release Fraction and Modern Dosimetric Information Consistently with DOE STD 1027-92, <i>Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports, Change Notice No. 1</i>		
ORR PCB FFCA	Oak Ridge Reservation Polychlorinated Biphenyl Federal Facilities Compliance Agreement		
PSLM	Primary Standards Lab Memorandum		
Technical Business Practices (TBP) and Infrastructure Business Practices (IBPs)	Technical Business Practices (TBP) and Infrastructure Business Practices (IBPs) For additional implementing information on TBPs visit the Defense Program Legacy (PRP Online) Home @ https://prp.sandia.gov/TBPs/Forms/AllItems.aspx For additional implementing information on IBPs visit the Defense Program Legacy (PRP Online) Home @ https://prp.sandia.gov/IBPs/Forms/AllItems.aspx		
RM 257945	AL-R8 Pit Matrix Requirements		

(A) Implementation of applicable directives.

- (1) The Contractor shall submit an implementation plan to the Contracting Officer when required by the directive or other instruction of the Contracting Officer and within 60 days of the start of the Contract’s Transition Period or within 60 days of the addition of a directive during contract performance.
- (2) The Contracting Officer will approve or disapprove the plan and notify the Contractor of the decision. If the Contracting Officer disapproves the plan, he/she shall clearly identify all deficiencies and provide reasonable suggestions for making the plan acceptable. Within 30 days after notification of the disapproval of a plan, the Contractor shall submit to the Contracting Officer the revised plan for approval as described above.
- (3) During the process of implementation, the Contractor will notify the Contracting Officer if modifications to the plan are required for any reason. The Contracting Officer will consider all such requests and will not unreasonably withhold his/her approval to modify such plans when circumstances warrant modification.

End of Appendix