

SECTION J

APPENDIX N

(Replaced Mods 0015, 0034, 0045, 0094, 0101, 0111)

SECTION J

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JULY 2017

LIST OF APPLICABLE DIRECTIVES

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
AL 56XB	Development and Production Manual		
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		
DOE-DTRA-TP-50-2	Procedures for the Use and Control of Logistics Material for Permissive Action Link (PAL) Equipped Weapons (U)	0015	Effective 7/2/14*
DoD TB 700-2	DoD Ammunition and Explosives Hazard Classification Procedures	0015	Effective 7/2/14*
DOE O 130.1	Budget Formulation		
DOE M 140.1-1B	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	0015	Effective 7/2/14*
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	0015	Effective 7/2/14*
DOE O 142.3A Chg 1	Unclassified Foreign Visits and Assignments Program	0101	Effective 3/22/17
DOE O 150.1A	Continuity Programs	0034	Effective 1/15/15
DOE O 151.1C	Comprehensive Emergency Management System		
DOE O 153.1	Departmental Radiological Emergency Response Assets		
DOE O 200.1A, Chg 1	Information Technology Management	0111	Effective 4/24/17
DOE M 205.1-3 Admin Chg 1	Telecommunications Security Manual	0015	Effective 7/2/14*
DOE O 205.1B Chg 3	Department of Energy Cyber Security Program	0034	Effective 1/6/15
DOE O 206.1	DOE Privacy Program		
DOE O 206.2	Identity, Credential, and Access Management (ICAM)	0015	Effective 7/2/14*
DOE O 210.2A	DOE Corporate Operating Experience Program		

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE O 221.1B	Reporting Fraud, Waste and Abuse to Office of Inspector General	0094	Effective 1/12/17
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	0094	Effective 4/8/16
DOE O 231.1B Admin Chg 1	Environment, Safety and Health Reporting	0015	Effective 7/2/14*
DOE O 232.2A	Occurrence Reporting and Processing of Operations Information	0101	Effective 3/23/17
DOE O 241.1B Admin Chg. 1	Scientific and Technical Information Management	0094	Effective 5/24/16
DOE O 243.1B Admin Chg. 1	Records Management Program		
DOE O 252.1A Admin Chg 1	Technical Standards Program	0015	Effective 7/2/14*
DOE O 325.2, Admin Chg 1	Position Management and Classification	0094	Effective 12/4/15
DOE O 341.1A	Federal Employee Health Services		
DOE O 410.2 Admin Chg 1	Management of Nuclear Materials	0015	Effective 7/2/14*
DOE O 411.2	Scientific Integrity	0101	Effective 3/22/17
DOE O 412.1A Admin Chg 1	Work Authorization System	0034	Effective 1/13/15
DOE O 413.1B	Internal Control Program		
DOE O 413.3B, Chg 3	Program and Project Management for Acquisition of Capital Assets	0094	Effective 1/25/17
DOE O 414.1D Admin Chg 1	Quality Assurance	0015	Effective 7/2/14*
DOE O 415.1 Chg 2	Information Technology Project Management	0111	Effective 4/17/17
DOE O 420.1C Chg 1	Facility Safety	0094	Effective 9/24/15
DOE G 420.1-1A	Nonreactor Nuclear Safety Design Guide for use with DOE O 420.1C Facility Safety	0015	Effective 7/2/14*
DOE O 422.1 Admin Chg 2	Conduct of Operations	0034	Effective 4/7/15
DOE O 425.1D, Admin. Chg 1	Verification of Readiness to Start Up or Restart Nuclear Facilities	0015	Effective 7/2/14*
DOE O 426.2 Admin Chg 1	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities	0015	Effective 7/2/14*
DOE O 433.1B Admin Chg 1	Maintenance Management Program for DOE Nuclear Facilities	0015	Effective 7/2/14*
DOE O 435.1 Chg 1	Radioactive Waste Management		
DOE M 435.1-1 Admin Chg 2	Radioactive Waste Management Manual	0034	Effective 5/28/15
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	0094	Effective 3/22/16
DOE O 442.1A	Department of Energy Employee Concerns Program	0015	Effective 7/2/14*

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
DOE O 442.2, Chg 1	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns	0094	Effective 1/17/17
DOE O 443.1B Chg 1	Protection of Human Research Subjects	0094	Effective 6/20/16
DOE O 452.1E	Nuclear Explosive and Weapon Surety Program	0045	Effective 5/26/15
DOE O 452.2E	Nuclear Explosive Safety	0045	Effective 5/29/15
DOE O 452.3	Management of DOE Nuclear Weapons Complex		
DOE O 452.4C	Security and Use Control of Nuclear Explosives and Nuclear Weapons	0094	Effective 4/7/16
DOE O 452.7	Protection of Use Control Vulnerabilities and Designs	0015	Effective 7/2/14*
DOE O 452.8	Control of Nuclear Weapon Data		
DOE O 457.1A	Nuclear Counterterrorism	0015	Effective 7/2/14*
DOE O 458.1 Admin Chg 3	Radiation Protection of the Public and the Environment	0015	Effective 7/2/14*
DOE O 460.1D	Hazardous Materials Packaging and Transportation Safety	0111	Effective 4/26/17
DOE O 460.2A	Departmental Materials Transportation and Packaging Management		
DOE M 460.2-1A	Radioactive Material Transportation Practices Manual	0015	Effective 7/2/14*
DOE O 461.1C	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest	0094	Effective 9/16/16
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	0015	Effective 7/2/14*
DOE O 470.3C	Design Basis Threat (DBT) Order	0111	Effective 4/27/17
DOE M 470.4-4A Chg 1	Information Security Manual (Section D- Technical Surveillance countermeasures only)		
DOE O 470.4B Chg 2	Safeguards and Security Program	0111	Effective 4/17/17
DOE O 470.5	Insider Threat Program	0034	Effective 1/6/15
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	0015	Effective 7/2/14*
DOE O 471.5	Special Access Programs		
DOE O 471.6 Admin Chg 2	Information Security	0045	Effective 10/1/15
DOE O 472.2 Chg 1	Personnel Security	0034	Effective 1/12/15
DOE O 473.3A	Protection Program Operations	0101	Effective 3/6/17
DOE O 474.2 Admin Chg 4	Nuclear Material Control and	0094	Effective 1/17/17

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
	Accountability		
DOE O 475.1	Counterintelligence Program		
DOE O 475.2B	Identifying Classified Information	0045	Effective 5/29/15
DOE M 481-1A, Chg 1	Reimbursable Work for Non-Federal Sponsors Process Manual	0015	Effective 4/7/15
DOE O 483.1B	DOE Cooperative Research and Development Agreements	0101	Effective 3/22/17
DOE O 484.1, Admin Chg 2	Reimbursable Work for the Department of Homeland Security	0034	Effective 4/7/15
DOE O 522.1	Pricing of Departmental Materials and Services	0015	Effective 7/2/14*
DOE O 534.1B	Accounting		
DOE O 551.1D Chg 2	Official Foreign Travel	0094	Effective 12/14/16
DOE O 5639.8A	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities		
DOE-STD-1020-2012	DOE Standard – Natural Phenomena Hazards Analysis and Design Criteria for DOE Facilities	0015	Effective 7/2/14*
DOE-STD-1027-1992, Chg Notice 1	DOE Standard – Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports	0015	Effective 7/2/14*
DOE-STD-1066-2012	DOE Standard – Fire Protection	0015	Effective 7/2/14*
DOE-STD-1070-1994 (Reaffirmed July 2014)	DOE Standard – Guidelines for Evaluation of Nuclear Facility Training Programs	0034	Effective 1/15/15
DOE STD 1073-2003	DOE Standard – Configuration Management		
DOE-STD-1090-2011	DOE Standard – Hoisting and Rigging	0015	Effective 7/2/14*
DOE-HDBK-1092-2013	DOE Handbook – Electrical Safety	0015	Effective 7/2/14*
DOE-STD-1186-2004	DOE Standard – Specific Administrative Controls	0015	Effective 7/2/14*
DOE-STD-1189-2008	DOE Standard – Integration of Safety into the Design Process	0015	Effective 7/2/14*
DOE-STD-1195-2011	DOE Standard –Design of Safety Significant Safety Instrumented Systems Used at DOE Non-Reactor Nuclear Facilities	0015	Effective 7/2/14*
DOE-STD-1212-2012	DOE Standard – Explosives Safety	0015	Effective 5/29/15
DOE-STD-3007-2007	DOE Standard – Guidelines for Preparing Criticality Safety Evaluations at DOE Non-Reactor Nuclear Facilities		
DOE-STD-3009-1994	DOE-Standard – Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analysis	0015	Effective 7/2/14* Effective 5/11/17 (Mod 0111) Applies to existing facilities except where DOE-STD-3009-2014 applies.
DOE-STD-3009-2014	DOE-Standard – Preparation of Nonreactor Nuclear Facility Documented Safety Analysis	0111	Effective 5/11/17 Applies to new non-reactor nuclear facilities and major

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
			modifications to existing non-reactor nuclear facilities (initiated after the effective date) per DOE O 420.1C.
DOE-NA-STD-3016-2016	DOE Limited Standard – Hazard Analysis Reports for Nuclear Explosive Operations	0101	Effective 2/7/17
DOE-STD-3020-2015	DOE Standard – Specification for HEPA Filters Used by DOE Contractors	0101	Effective 2/6/17
DOE-STD-3024-2011	DOE Standard – Content of System Design Descriptions	0015	Effective 7/2/14*
DOE-STD-3025-2007	DOE Standard – Quality Assurance Inspection and Testing of HEPA Filters	0015	Effective 7/2/14*
DOE Technical Manual DOE-SNL-TYPEBARG-REV2-CHNG0	Procedures for Type A, Type B, ARG, and Miscellaneous Containers Transported in Safeguards Transporter	0034	Effective 5/28/15 (Reference Document & Title Change)
EP-401075 Issue D	Electrical Testers for Nuclear Explosives		
Executive Order 11514	Protection and enhancement of Environmental Quality	0015	Effective 7/2/14*
Executive Order 11988	Floodplain Management	0015	Effective 7/2/14*
Executive Order 11990	Protection of Wetlands	0015	Effective 7/2/14*
Executive Order 12333	U. S. Intelligence Activities	0015	Effective 7/2/14*
Executive Order 12898	Environmental Justice	0015	Effective 7/2/14*
Executive Order 13186	Responsibilities of Federal Agencies to Protect Migratory Birds	0015	Effective 7/2/14*
Executive Order 13513	Federal Leadership on Reducing Text Messaging While Driving	0015	Effective 7/2/14*
Executive Order 13556	Controlled Unclassified Information		
Joint DOE/DoD Technical Publication 45-51B	Transportation of Nuclear Weapons Material	0034	Effective 5/28/15 (Reference Document Change)
NA-10 WQAPM	Weapon Quality Assurance Procedures Manual	0034	See NAP-24A comments
NFPA Codes and Standards	NFPA Codes and Standards		
NHPA CRMP (April 2004)	Pantex Plant Cultural Resource Management Plan	0094	Effective 5/29/15
NNSA BOP 001.311	NNSA Budget Validation Process		
NNSA BOP 06.01, Admin Chg 1	Value Management	0034	Effective 5/28/15 (Reference Document Change Only)
NNSA Policy Letter: NAP 14.1-C, Chapter VII	NNSA Baseline Cyber Security Program	0015	Effective 7/2/14*
NNSA Policy Letter, NAP-14.1-D	Baseline Cyber Security Program	0015	Effective 7/2/14*
NNSA Policy Letter: NAP 14.3-B	Transmission of Restricted Data over Secret Internet Protocol Router Network (SIPRNet)		
NNSA Policy Letter: NAP-23, Admin Chg 1	Atomic Energy Act Control of Import and Export Activities	0034	Effective 5/26/15

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
NNSA Policy Letter: NAP-24A	Weapon Quality Policy	0094	Implementation Plan conditionally approved 5/11/17
NNSA Policy Letter: NAP-25, Admin Chg 1	Management and Operating Contractor Business Meals and Light Refreshments	0015	Effective 7/2/14*
NNSA Policy Letter, NAP-31	NNSA M&O Off-Site Extended Duty Assignments	0094	Effective 1/18/17
NPO Procedure – NPO-SD 3.4.3 (Applies to Pantex Only)	Conducting Readiness Reviews of Hazardous Non-Nuclear Facilities and Activities	0015	Effective 7/2/14*
NNSA Quality Plan 100-1 (QP-100) – The 1985 US/UK Mutual Defense Agreement, as Amended	Quality Plan 100-1		
NNSA Supplemental Directive – NNSA SD 226.1B	NNSA Site Governance	0094	Effective 11/7/16
NNSA Supplemental Directive – NA SD O 350.1	Management and Operating Contractor Service Credit Recognition	0015	Effective 7/2/14*
NNSA Supplemental Directive – NNSA SD 415.1	Project Oversight for Information Technology (PO-IT)	0094	Effective 7/20/16
NNSA Supplemental Directive – NNSA SD 452.2	Nuclear Explosive Safety Evaluation Processes	0034	Effective 5/26/15
NNSA Supplemental Directive – NNSA SD 430.1	Real Property Asset Management	0101	Effective 3/29/17
NNSA Supplemental Directive - NNSA SD 452.3-1A	Defense Programs Business Process System (DPBPS) DPBPS Level 2 Business Requirements can be found in the DPBPS Portal @ https://dpbps.sandia.gov/SitePages/homepage.aspx	0094	Effective 7/5/16 See DPBPS Website for Issue and Effective Date @ https://dpbps.sandia.gov/SitePages/Content-Explorer-Federal-Requirements.aspx
NNSA Supplemental Directive – NNSA SD 452.3-2	Phase 6.X Process	0111	Effective 4/26/17
NNSA Supplemental Directive – NNSA SD 473.3	Enterprise Mission Essential Task List- based Protective Force Training Program	0034	Effective 3/31/15
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>	0034	Effective 1/15/15
ORR PCB FFCA	Oak Ridge Reservation Polychlorinated Biphenyl Federal Facilities Compliance Agreement		
PSLM	Primary Standards Lab Memo		
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	0094	See Defense Program Legacy (PRP Online) Home for Issue and Effective Date @ https://prp.sandia.gov/SitePages/Home.aspx

Reference Document	Title	Mod	Effective Date (Contracting Officer Direction Date) and Relevant Notes
	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	0015	Effective 7/2/14*
YSO-CRD-09-01 (Applies to Y-12 Only)	Projects Contractor Requirements Document (CRD)		

* Modification No. 0015 incorporated revised Appendix N, List of Applicable Directives, in accordance with Contracting Officer direction dated July 2, 2014, entitled "*Contract Number DE-NA0001942, Submittal of Revised Implementation Plan for Applicable Directives.*"

LIST OF DELETED/CANCELLED DIRECTIVES

The table below reflects all requirements that have been deleted in prior modifications 0015, 0034, 0045, 0094 and 0101.

Reference Document	Title	Mod	Notes
DOE O 313.1	Management and Funding of the Department's Overseas Presence	0034	Deleted Effective 4/16/15
DOE O 350.2B	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, DC Area	0094	Cancelled by DOE N 251.115 (replaced by NAP 31 Effective 1/18/17)
DOE O 430.1B Admin Chg 2	Real Property and Asset Management	0094	Deleted Effective 12/21/16
DOE M 440.1-1A	DOE Explosive Safety Manual	0015	Deleted Effective 9/12/14
DOE M 452.2-1A	Nuclear Explosive Safety Manual	0045	Cancelled by DOE Order 452.2E
DOE M 452.2-2 Chg 1	Nuclear Explosive Safety Evaluation Processes	0034	Cancelled by DOE NNSA SD 452.2
DOE M 457.1-1	Control of Improvised Nuclear Device Information	0015	Deleted Effective 9/12/14
DOE P 470.1A	Safeguards and Security Program	0015	Deleted Effective 9/12/14
DOE M 471.2-4	Technical Surveillance Countermeasures Manual (TSCM) (Classified Annex only)	0015	Cancelled by DOE M 470.4-4A Chg 1
DOE M 483.1-1	DOE Cooperative Research and Developments Agreements Manual	0015	Deleted Effective 9/12/14
DOE O 580.1A Admin Chg 1	Department of Energy Personal Property Management Program	0101	Cancelled by DOE N 251.118 Effective 2/16/17
DOE-STD-1135-1999	DOE Standard – Guidance for Nuclear Criticality Safety Engineer Training and Qualification	0034	Deleted (Duplicate and covered in DOE Order 420.1C)
DOE STD 3024-98	DOE Standard – Content of System Design Description	0015	Deleted Effective 9/12/14
DOE SNL TYPEBARG	Tie-down Procedure for Type A, B, ARG, and Miscellaneous Containers	0034	Language combined/revised last Mod (per Emory Hogan) See: "DOE Technical Manual"
Executive Order 13423	Strengthening Federal Environmental, Energy, and Transportation Management	0094	Deleted effective 12/13/16 DEAR 970.5223.6 covered
DOE O 544.1	Priorities and Allocations Program	0015	Deleted Effective 9/12/14
Executive Order 13514	Federal Leadership in Environmental, Energy, and Economic Performance	0034	Deleted Duplicative requirement of DOE O 436.1
Executive Order 13526	Classified National Security Information	0034	Deleted Duplicative requirement to DOE Order 476.2A
NNSA BOP 001.5	Management and Operating Contractor Employment Reporting	0094	Cancelled Effective 12/14/16
BOP 003.08	Management and Operating Contractor Business Meals and Light Refreshment	0015	Deleted Effective 9/12/14

Reference Document	Title	Mod	Notes
BOP 50.002	Value Management Policy	0015	Deleted Effective 9/12/14
BOP 50.003	Independent Project Review Policy	0015	Deleted Effective 9/12/14
NAP 14.2-C	NNSA Certification and Accreditation (C&A) Process for Information Systems	0015	Deleted Effective 9/12/14
NNSA Policy Letter: NAP 21	Transformational Governance and Oversight	0094	Cancelled by NNSA SD 226.1B
NAP 70.2	Physical Protection	0015	Deleted Effective 9/12/14
NAP 70.4	Information Security	0015	Deleted Effective 9/12/14
NAP 9A	Seccon Implementation	0015	Deleted Effective 9/12/14
IBP-202	Record of Assembly and Disassembly	0015	Deleted Effective 9/12/14
IBP-401	Product Definition Exchange Process	0015	Deleted Effective 9/12/14
IBP-404	Engineering Authorization System	0015	Deleted Effective 9/12/14
Letter	Letter dated 6/2/2010 from Thomas D. D'Agostino to Theodore Sherry, Expert-Based Unreviewed Safety Question Determination Procedure	0015	Deleted Effective 9/12/14
NNSA Supplemental Directive – NA-SD 350.2 Rev 1	Use of M&O Contractor Employees for Service to the NNSA in the Washington DC Area	0094	Cancelled by NAP 31 Effective 1/18/17
QC-1 Revision 10	DOE/NNSA Weapon Quality Policy (QC-1)	0015	Deleted Effective 9/12/14
Site Specific CRD	Startup and Restart of Operations, Activities and Facilities	0015	Deleted Effective 9/12/14
Site Specific CRD	Directive Systems Process	0015	Deleted Effective 9/12/14
Standard Building Code	International Building Code	0015	Deleted Effective 9/12/14
YSO-CRD-03-01 (Applies to Y-12 Only)	Startup and Restart of Operations, Activities, and Facilities at Y-12 including Safety Basis Document Implementation (Applicable until such time that decision on incorporating into NPO-SD3.4.3 is decided).	0101	Deleted Effective 3/9/17

(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 effective date of the Contract or acceptance of the directive after the effective date of the Contract.
- (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 -