In addition to the list of applicable directives listed 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. Electronic copies of these documents are available at the following Websites:
https://www.directives.doe.gov/directives
https://nnsa.energy.gov/aboutus/ouroperations/managementandbudget/supplementaldirectives
https://nnsa.energy.gov/aboutus/ouroperations/managementandbudget/policysystem/nnsapolicies
https://energy.gov/ehss/services/nuclear-safety/department-energy-technical-standards-program/doe-approved-technical

NOTE: Not Applicable (N/A); Some directives were ineligible for implementation plans as they were added to DE-AC52-07NA27344 at its inception on 10/01/07. Effective Date column denotes LLNS directive acceptance date or date directive was added unilaterally.

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
DOE O 130.1B	08/05/26	Budget Formulation	N/A	933	9/19/26
DOE O 140.1A	06/15/20	Interface with the Defense Nuclear Facilities Safety Board	N/A	785	09/13/21
DOE O 142.2A, Admin Chg 1	12/3/14	Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA Note: DOE contractor employees who are escorting IAEA inspectors must have authorization from the DOE field element head or designee before applying ad hoc managed access as necessary and as consistent with the applicable provisions of the VOA.	N/A	833	05/02/23
DOE O 142.3B Chg 1 (LtdChg)	03/02/22	Unclassified Foreign National Access Program	N	801	04/14/22
DOE O 144.1A	10/7/24	DOE Requirements for Consultation and Engagement with Federally Recognized Indian Tribes and Alaska Native Claims Settlement Act Corporations Pursuant to DOE P 144.1	N/A	885	02/24/25
DOE O 150.1C	08/05/26	Continuity Programs	Y	933	09/19/26
DOE O 151.1F	08/05/26	Comprehensive Emergency Management System	Y	933	09/19/26
DOE O 153.1B	08/05/26	Nuclear Emergency Support Team Capabilities	N/A	933	09/19/26

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
DOE O 200.1A Chg 2 (LtdChg)	08/11/23	Information Technology Management	N	845	10/10/23
NNSA SD 200.1A	06/12/2025	Information Resources Management	N/A	904	09/24/25
NNSA SD 205.1A Admin Chg 1	04/03/2025	Baseline Cybersecurity Program	N	897	06/18/25
DOE O 205.1D	04/30/2024	Department of Energy Cyber Security Program	N/A	868	06/03/2024
DOE O 206.1A	01/19/24	Department of Energy Privacy Program	N/A	868	02/28/2024
DOE O 206.2 Chg 1 (LtdChg)	09/02/2022	Identity, Credential, and Access Management (ICAM)	N/A	817	10/20/2022
DOE O 210.2B	08/05/26	DOE Corporate Operating Experience Program	N	933	09/19/26
NNSA SD 206.2	04/14/2018	Implementation of Personal Identity Verification for Uncleared Contractors	Y	720	11/18/19
DOE O 221.1B	09/27/16	Reporting Fraud, Waste, and Abuse to the Office of Inspector General	N	645	10/26/16
DOE O 221.2A	02/25/08	Cooperation With The Office of Inspector General	N/A	M069	03/31/08
DOE O 225.1B	03/04/11	Accident Investigations	N	253	03/31/11
DOE O 226.1B	04/25/2011	Implementation of Department of Energy Oversight Policy	Y	785	09/13/21
NNSA SD 226.1D	12/05/24	NNSA Site Governance	Y	885	02/24/25
DOE O 227.1B	08/05/26	Independent Oversight Program	N	933	09/19/26
DOE O 241.1D	08/05/26	Scientific and Technical Information Management	N	933	09/19/26
DOE O 243.1D	08/05/26	Records Management Program	N	933	09/19/26
NNSA SD 251.1C	12/16/24	Directives Management	N	885	002/24/25
DOE O 341.1B	08/05/26	Federal Employee Health Services	Y	933	09/19/26
DOE O 350.1A	08/05/26	Contractor Human Resource Management Programs	N	933	09/19/26
DOE O 350.3 Chg1 (MinChg)	9/10/18	Labor Standards Compliance, Contractor Labor Relations, and Contractor Workforce Restructuring Programs	Y	709	07/16/19
DOE O 410.2A	08/05/26	Integration of Nuclear Material & Strategic Planning	N	933	09/19/26
DOE O 411.2A	08/05/26	Scientific Integrity	N	933	09/19/26
DOE P 411.2A	01/04/17	DOE Scientific Integrity Policy	N	652	08/15/17

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
DOE O 413.2D	08/05/26	Laboratory Directed Research & Development	N/A	933	09/19/26
DOE O 413.3C	08/05/26	Program and Project Management for the Acquisition of Capital Assets	N	933	09/19/26
NNSA SD 413.3-7	09/08/23	Project Management for Non-nuclear, Non-complex Capital Asset Acquisition	N	922	03/31/26
DOE O 414.1F	08/05/26	Quality Assurance	Y	933	09/19/26
DOE O 415.1. Chg 2 (MinChg)	01/13/17	Information Technology Project Management	N	645	04/19/17
DOE O 420.1D	18/05/26	Facility Safety	N/A	933	09/19/26
DOE O 420.2E	08/05/26	Safety of Accelerators	N	933	09/19/26
DOE O 422.1A	08/05/26	Conduct of Operations	N	933	09/19/26
DOE O 425.1F	08/05/26	Verification of Readiness to Startup or Restart Hazard Category 1 and 2 Nuclear Facilities	N	933	09/19/26
DOE O 426.2B	08/05/26	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities	N	933	09/19/26
DOE O 430.1C Chg 2 (AdminChg)	09/17/2020	Real Property Asset Management	Y	801	04/14/22
NNSA SD 430.1	01/18/2017	Real Property Asset Management	Y	684	08/10/17
DOE O 433.1C	08/05/26	Maintenance Management Program for DOE Nuclear Facilities	N	933	09/19/26
DOE O 435.1, Chg 2 (AdminChg)	01/11/21	Radioactive Waste Management	N/A	770	02/01/21
DOE M 435.1-1, Chg 3 (LtdChg)	01/11/21	Radioactive Waste Management Manual	N	770	02/01/21
DOE O 437.1B	08/05/26	Bridge and Tunnel Management	N	933	09/19/26
DOE O 440.2D	08/05/26	Aviation Management and Safety	N	933	09/19/26
DOE M 441.1-1	03/07/08	Nuclear Material Packaging Manual	Y	M037	04/22/08
DOE O 442.1B	01/31/19	Department Of Energy Employee Concerns Program	Y	701	04/15/19
DOE O 443.1D	08/05/26	Protection of Human Subjects	N	933	09/19/26
DOE N 443.1C	11/26/2019	Protection of Human Research Subjects	N	729	02/13/20
DOE O 452.1G	08/05/26	Nuclear Explosive and Weapon Surety Program	N	933	09/19/26

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
DOE O 452.2G	08/05/26	Nuclear Explosive Safety	N	933	09/19/26
NNSA SD 452.2C	04/25/2025	Nuclear Explosives Safety Evaluation Processes	N	904	09/24/25
DOE O 452.3A	08/05/26	Management of the Department of Energy Nuclear Security Enterprise	N/A	933	09/19/26
NNSA SD 452.3-1B	04/10/2025	Defense Programs Business Process System	N	897	06/18/25
NNSA SD 452.3-2A	11/08/22	Phase X/Phase 6.X Processes	N	868	02/09/24
DOE O 452.4E	08/05/26	Security and Use Control of Nuclear Explosives and Nuclear Weapons	N	933	09/19/26
NNSA SD 452.4 Admin Chg 1	07/01/2020	Implementation and Evaluation of Controls to Prevent Deliberate Unauthorized Use	N	755	10/15/20
NNSA SD 452.4-1	01/27/22	Nuclear Enterprise Assurance (NEA)	Y	824	01/11/23
DOE O 452.6B	08/05/26	Nuclear Weapon Surety Interface with the Department of War	N	933	09/19/26
DOE O 452.7A	08/05/26	Protection of Use Control Vulnerabilities and Designs	N	933	09/19/26
DOE O 452.8A	08/05/26	Control of Nuclear Weapon Data	N	933	09/19/26
DOE O 456.1B	08/05/26	The Safe Handling of Unbound Engineered Nanoparticles	NA	933	09/19/26
DOE O 457.1B	08/05/26	Nuclear Counterterrorism	N/A	933	09/19/26
DOE O 458.1, Admin Chg 4 (LtdChg)	09/15/20	Radiation Protection of the Public and the Environment	N	755	10/15/20
DOE O 460.1D Chg 1 (LtdChg)	06/10/22	Hazardous Materials Packaging and Transportation Safety	N	817	10/20/22
DOE O 460.2C	08/05/26	Departmental Materials Transportation Management	N/A	933	09/19/26
DOE O 461.1D	08/05/26	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest	N	933	09/19/26
DOE O 461.2A	08/05/26	Onsite Packaging and Transfer of Materials of National Security Interest	N	933	09/19/26
DOE O 462.1A	08/05/26	Import and Export of Category 1 and 2 Radioactive Sources Aggregated Quantities	N	933	09/19/26
DOE O 470.7	08/05/26	Safeguards and Security Program	X	933	09/19/26
DOE O 470.3C Chg 2 (LtdChg)	02/23/24	Design Basis Threat (DBT)	Y	885	02/24/25

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
NNSA SD 470.4-2 Admin Chg 1	06/16/21	Enterprise Safeguards and Security Planning and Analysis Program	Y	785	09/13/21
DOE O 470.5A	12/19/24	Insider Threat Program	Y	885	02/24/25
DOE O 470.6 Chg 1 (MinChg)	01/11/17	Technical Security Program	Y	674	4/09/17
NNSA SD 470.6	02/25/22	Technical Security Program	Y	817	10/20/22
NNSA ACD 470-6	07/15/19	Use Of Mobile Devices Within National Nuclear Security Administration Secure Spaces	Y	720	11/18/19
DOE O 471.5	03/29/11	Special Access Programs	N	253	05/05/11
NNSA SD 471.6	12/09/19	Operations Security Program	Y	739	05/06/20
DOE O 472.2 A Chg.1 (LtdChg)	10/28/24	Personnel Security	N	885	02/24/25
NNSA SD 473.3	09/10/14	Enterprise Mission Essential Task List-based Protective Force Training Program	N	574	09/03/15
DOE O 475.1	12/10/04	Counterintelligence Program	N/A	M003	10/01/07
DOE O 475.2B	10/03/14	Identifying Classified Information	N	513	11/25/14
DOE O 481.1F	08/05/26	Non-Federal Strategic Partnership Projects	N	933	09/19/26
DOE O 481.2A	08/05/26	Federal Strategic Partnership Projects	N	933	09/19/26
DOE M 481.1-1A, Chg 1	09/28/01	Reimbursable Work for Non-Federal Sponsors Process Manual	N/A	M003	10/01/07
DOE O 483.1C	08/05/26	DOE Cooperative Research & Development Agreements	N/A	933	09/19/26
DOE O 484.1A	08/05/26	Reimbursable Work for Department of Homeland Security	N/A	933	09/19/26
DOE O 486.1A	9/04/2020	Foreign Government Sponsored Or Affiliated Activities	N/A	753	09/28/20
DOE O 520.1C	08/05/26	Financial Management and Chief Financial Officer Responsibilities	N/A	933	09/19/26
DOE O 522.1B	08/05/26	Pricing of Departmental Materials and Services	N/A	933	09/19/26
DOE O 534.1B	01/06/03	Accounting	N/A	M003	10/01/07
DOE O 544.1B	08/05/26	Priorities and Allocations Program	N/A	933	09/19/26
DOE O 550.1A	08/05/26	Official Travel	N/A	933	09/19/26
DOE O 5639.8A	07/23/93	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities	N/A	M003	10/01/07

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
DOE-STD-1027-2018 Chg Notice 1	01/22/2019	Hazard Categorization of DOE Nuclear Facilities	N/A	904	09/24/25
DOE-STD-1090-2020	07/01/20	Hoisting and Rigging	N	755	10/15/20
DOE-STD-1095-2018	10/18	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry	N	697	02/20/19
DOE STD-1129-2015	09/15	Tritium Handling and Safe Storage; *Section 6.6 Only*	Y	619	06/23/16
DOE-STD-1207-2012 (Reaffirmed 2018)	10/18	Protection Program Defensive Planning for Fixed Facilities	Y	709	07/16/19
DOE STD-1212-2025	1/25	Explosives Safety	N	892	04/28/25
DOE-STD-1269-2022	04/22	Air Cleaning Systems in DOE Nuclear Facilities	Y	824	01/11/23
DOE-STD-3009-1994, Change Notice 3	04/02	Preparation Guide for U.S. DOE Nonreactor Nuclear Facility Safety Analysis Reports	N/A	M003	10/01/07
DOE-STD-3011- 2016	01/16	Preparation Of Documented Safety Analysis For Interim Operations at DOE Nuclear Facilities	N/A	785	09/13/21
DOE-STD-3013-2018	11/18	Stabilization, Packaging, And Storage Of Plutonium-Bearing Materials	N/A	697	02/20/19
DOE-STD-3014-2006	05/06	Accident Analysis for Aircraft Crash into Hazardous Facilities	N/A	619	06/23/16

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
DOE-NA-STD-3016-2023	04/10/23	Hazard Analysis Reports for Nuclear Explosive Operations	N/A	845	10/10/23
DOE STD-3020-2015	06/15	Specification for HEPA Filters Used by DOE Contractors	N/A	619	06/21/16
DOE-STD-5506-2021	08/21	Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities	N/A	801	04/14/22
DOE STD-7501-99	12/99	The DOE Lessons Learned Program	N/A	M003	10/01/07
NAP 470.1	08/18/2023	Enhanced Compensatory Control Measures	N	868	02/09/24
NAP 476.1 Admin Chg 1 formerly NAP-23 Admin Chg 1	12/12/12	Atomic Energy Act Control of Import and Export Activities	N/A	739	05/06/20
NAP 401.1A Admin Chg 3 formerly NAP-24A	02/02/24	Weapon Quality Policy Note: This document is not accessible to the public. Delete attachment 3	Y	868	07/16/24
NAP 520.1 Admin Chg 1	05/30/2008	Management and Operating Contractor Business Meals and Light Refreshments	N/A	925	05/29/2026
NAP 540.2 formerly NAP-31	11/22/16	NNSA M&O Off-Site Extended Duty Assignments	N/A	739	05/06/20
NAP-412.1	02/11/2019	Financial Integration	N/A	702	04/15/19
NAP-413.1	6/3/19	Data Collection for Cost Estimating	N/A	709	07/16/19
PSTSG-000-001 Rev 2	09/16/2025	Physical Security Technical Standards Guide	N	915	1/30/2026
PSTSG-GR-005 Rev 1	09/16/2025	Physical Security Technical Standards Guide – Standard Design	N	915	1/30/2026
PSTSG-TK-004 Rev 1	09/16/2025	Physical Security Technical Standards Guide – Test, Evaluation, and Qualification	N	915	1/30/2026
QP 100-1 Amendment 4	03/01/13	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.	N/A	463	05/01/14

DIRECTIVE NUMBER	DATE	DOE DIRECTIVE TITLE	IMPLEMENTATION PLAN Y/N	MOD #	EFFECTIVE DATE
Development and Production Manual *	02/08/06	Development and Production Manual Note: This document is not accessible to the public.	N/A	159, 404	10/01/07
Technical Business Practices **	various	Technical Business Practices Note: This document is not accessible to the public.	N/A	M003	10/01/07
Infrastructure Business Practices**	various	Infrastructure Business Practices Note: This document is not accessible to the public.	N/A	M003	10/01/07
Production Realization Standards**	various	Production Realization Standards Note: This document is not accessible to the public.	N/A	M003	10/01/07

* 5/27/2010 Goodrum Memo: D&P Manual, Chapters 1.3, 2.7, 10.1, 11.1, and 11.7 are cancelled without replacement. 12/14/12 Finan Memo Chapter 12.3, para 4.0.1. 8/26/13 Dawkins Memo Chapter 2.4, Sections 4.2.3 & 4.2.4 para 1; Chapter 3.2 excluding phase 6.6 after achievement of steady state production; Chapter 3.7, Section 5.1, para 4, bullet 2. 9/11/13 Dawkins Memo Chapter 2.3.
** Based on the D&P Manual chapter cancellations in *, the relevant chapters in these directives are cancelled.

(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 contract award or acceptance of the directive after contract award.

(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.