

**PART III – List of Documents,
Exhibits and Other Attachments**

Section J

Appendix D

List of Applicable DOE Directives & External Requirements

REVISION 1

SECTION J - APPENDIX D

LIST OF APPLICABLE DOE DIRECTIVES & EXTERNAL REQUIREMENTS

In performing work under this contract, the Contractor shall comply with the requirements of those Department of Energy (DOE) directives, or parts thereof, identified in the List of Applicable Directives appended to this contract. The contractor is encouraged to continuously evaluate the works scope and contract requirements for opportunities to improve efficiency or creativity and propose alternative methods to those specified in the DOE directives. The contractor shall adhere to the existing DOE directives requirements that are the basis for establishing procedures and programs until authorized approvals are obtained to deviate from established requirements. The Contracting Officer may, from time to time and at any time, revise DOE Directives List by unilateral modification to the contract to add, modify, or delete specific requirements. Prior to revising DOE Directives, the Contracting Officer shall notify the Contractor in writing of the Department's intent to revise DOE Directives List and provide the Contractor with the opportunity to assess the effect of the Contractor's compliance with the revised list. In addition to the list of applicable directives list below, the contractor shall also comply with supplemental directives (e.g., manuals), which are invoked by a Contractor Requirements Document (CRD) attached to a directive. Electronic copies of these are available at the following DOE website:

<https://www.energy.gov/management/active-directives-library>

Table Appendix D. Directives, Regulation, Policies, Standards, and Documents

DIRECTIVE NO.	EFFECTIVE DATE	DIRECTIVE TITLE	MOD #	CONTRACT MODIFICATION DATE
CRD O 140.1A	6/17/2020	INTERFACE WITH THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD	M1348	11/7/2022
CRD O 142.2A Admin Chg 1	6/27/2013	VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY	M962	12/5/2013
CRD M 142-2-1 Admin Chg 1	6/27/2013	MANUAL FOR IMPLEMENTATION OF THE VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY	M1110	6/23/2017
CRD O 142.3C	3/31/2026	UNCLASSIFIED FOREIGN NATIONAL ACCESS PROGRAM	1665	5/28/2026
CRD O 144.1 Admin Chg 1	11/06/2009	DEPARTMENT OF ENERGY AMERICAN INDIAN TRIBAL GOVERNMENT INTERACTIONS AND POLICY	M1025	8/13/2015
CRD O 150.1C	8/5/2026	CONTINUITY PROGRAMS	1679	8/20/2026
CRD O 151.1F	8/5/2026	COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM	1679	8/20/2026
CRD O 200.1A Chg. 2 (LtdChg)	8/14/2023	INFORMATION TECHNOLOGY MANAGEMENT	1509	11/21/2023
CRD O 205.1D	5/6/2024	DEPARTMENT OF ENERGY CYBERSECURITY PROGRAM	1582	3/13/2025
CRD O 206.1A	2/5/2024	DEPARTMENT OF ENERGY PRIVACY PROGRAM	1582	3/13/2025
CRD O 206.2 Chg 1 (LtdChg)	11/06/2024	IDENTITY, CREDENTIAL, AND ACCESS MANAGEMENT (ICAM)	M1438	11/07/2022
CRD O 210.2B	8/5/2026	DOE CORPORATE OPERATING EXPERIENCE PROGRAM	1679	8/20/2026
CRD O 221.1B	9/30/2016	REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL	M1100	4/17/2017

DIRECTIVE NO.	EFFECTIVE DATE	DIRECTIVE TITLE	MOD #	CONTRACT MODIFICATION DATE
CRD O 221.2A	2/25/2008	COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL	M484	7/9/2008
CRD O 225.1B	3/4/2011	ACCIDENT INVESTIGATIONS	M779	7/15/2011
CRD O 227.1B	8/5/2026	INDEPENDENT OVERSIGHT PROGRAM	1679	8/20/2026
CRD O 241.1D	8/5/2026	SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT	1679	8/20/2026
CRD O 243.1D	8/5/2026	RECORDS MANAGEMENT PROGRAM	1679	8/20/2026
CRD O 313.1	11/19/2009	MANAGEMENT AND FUNDING OF THE DEPARTMENT'S OVERSEAS PRESENCE	M779	7/15/2011
CRD O 341.1B	8/5/2026	FEDERAL EMPLOYEE HEALTH SERVICES	1679	8/20/2026
O 350.1A	8/5/2026	CONTRACTOR HUMAN RESOURCE MANAGEMENT PROGRAM	1679	8/20/2026
CRD O 410.2A	8/5/2026	MANAGEMENT OF NUCLEAR MATERIALS	1679	8/20/2026
CRD O 411.2A	8/5/2026	SCIENTIFIC INTEGRITY	1679	8/20/2026
CRD O 413.2D	8/5/2026	LABORATORY DIRECTED RESEARCH AND DEVELOPMENT	1679	8/20/2026
CRD O 413.3C	8/5/2026	PROGRAM AND PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS	1679	8/20/2026
CRD O 414.1F	8/5/2026	QUALITY ASSURANCE	1679	8/20/2026
CRD O 415.1 Chg. 2 (MinChg)	1/18/2017	INFORMATION TECHNOLOGY PROJECT MANAGEMENT	M1291	2/24/2021
CRD O 420.1D	8/5/2026	FACILITY SAFETY	1679	8/20/2026
CRD O 420.2E	8/5/2026	SAFETY OF ACCELERATORS	1679	8/20/2026
CRD O 422.1A	8/5/2026	CONDUCT OF OPERATIONS **	1679	8/20/2026
CRD O 425.1F	8/5/2026	VERIFICATION OF READINESS TO STARTUP OR RESTART NUCLEAR FACILITIES	1679	8/20/2026
CRD O 426.2B	8/5/2026	PERSONNEL SELECTION, TRAINING, QUALIFICATION, AND CERTIFICATION REQUIREMENTS FOR DOE NUCLEAR FACILITIES	1679	8/20/2026
CRD O 433.1C	8/5/2026	MAINTENANCE MANAGEMENT PROGRAM FOR DOE NUCLEAR FACILITIES	1679	8/20/2026
CRD O 435.1 Chg 2 (AdminChg)	1/13/2021	RADIOACTIVE WASTE MANAGEMENT	M1328	3/15/2021
DOE M 435.1-1A Chg 3 (LtdChg)	1/12/2021	RADIOACTIVE WASTE MANAGEMENT MANUAL	M1328	3/15/2021
CRD O 440.2D	8/5/2026	AVIATION MANAGEMENT AND SAFETY	1679	8/20/2026
CRD M 441.1-1 Chg. 1 (AdminChg)	2/25/2016	NUCLEAR MATERIAL PACKAGING	M1339	05/04/2021
CRD O 442.1B	2/7/2019	DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PROGRAM	M1221	5/31/2019
CRD O 443.1D	8/5/2026	PROTECTION OF HUMAN RESEARCH SUBJECTS	1679	8/20/2026
CRD O 452.7A	8/5/2026	PROTECTION OF USE CONTROL VULNERABILITIES AND DESIGNS	1679	8/20/2026
CRD O 452.8A	8/5/2026	CONTROL OF NUCLEAR WEAPON DATA	1679	8/20/2026

DIRECTIVE NO.	EFFECTIVE DATE	DIRECTIVE TITLE	MOD #	CONTRACT MODIFICATION DATE
CRD O 456.1B	8/5/2026	THE SAFE HANDLING OF UNBOUND ENGINEERED NANOPARTICLES	1679	8/20/2026
CRD O 457.1B	8/5/2026	NUCLEAR COUNTERTERRORISM (applies <u>only</u> to Facility Clearance 16501)	1679	8/20/2026
CRD O 458.1 Chg. 5 (Admin Chg)*	1/31/2025	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT	1679	8/20/2026
CRD O 460.1D Chg 1 (LtdChg)	6/13/2022	HAZARDOUS MATERIALS PACKAGING AND TRANSPORTATION SAFETY	M1421	8/12/2022
CRD O 460.2C	8/5/2026	DEPARTMENTAL MATERIALS TRANSPORTATION MANAGEMENT	1679	8/20/2026
CRD O 461.1D	8/5/2026	PACKAGING AND TRANSPORTATION FOR OFFSITE SHIPMENT OF MATERIALS OF NATIONAL SECURITY INTEREST	1679	8/20/2026
CRD O 470.7	8/5/2026	SAFEGUARDS AND SECURITY ORDER	1679	8/20/2026
CRD O 470.3C Chg 2 (LtdChg)	3/14/2024	DESIGN BASIS THREAT (DBT)	1665	5/28/2026
CRD O 470.5A	12/20/2024	INSIDER THREAT PROGRAM	1665	5/28/2026
CRD O 470.6 Chg. 1 (MinChg)	11/14/2017	TECHNICAL SECURITY PROGRAM	M1339	5/04/2021
CRD O 471.5	3/29/2011	SPECIAL ACCESS PROGRAMS	1672	7/21/2026
CRD O 472.2A Chg. 1 (LtdChg)	11/5/2024	PERSONNEL SECURITY	1665	5/28/2026
CRD O 475.1	12/10/2004	COUNTERINTELLIGENCE PROGRAM	M422	8/22/2005
CRD O 475.2B	10/15/2014	IDENTIFYING CLASSIFIED INFORMATION	M1048	2/5/2016
CRD O 481.2***	8/5/2026	STRATEGIC PARTNERSHIP PROJECTS [Formerly Known as Work for Others (Non-Department of Energy Funded Work)]	1679	8/20/2026
CRD O 481.2A	8/5/2026	STRATEGIC PARTNERSHIP PROJECTS (Federal)	1679	8/20/2026
CRD O 483.1C	8/5/2026	DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS	1679	8/20/2026
CRD O 484.1A	8/5/2026	REIMBURSABLE WORK FOR THE DEPARTMENT OF HOMELAND SECURITY	1679	8/20/2026
CRD O 486.1A	9/9/2020	FOREIGN GOVERNMENT SPONSORED OR AFFILIATED ACTIVITIES	M1296	11/9/2020
CRD O 520.1C	8/5/2026	FINANCIAL MANAGEMENT AND CHIEF FINANCIAL OFFICER RESPONSIBILITIES	1679	8/20/2026
CRD O 522.1B	8/5/2026	PRICING OF DEPARTMENTAL MATERIALS AND SERVICES	1679	8/20/2026
CRD O 550.1A	8/5/2026	OFFICIAL TRAVEL	1679	8/20/2026
DOE O 5639.8A	7/23/1993	SECURITY OF FOREIGN INTELLIGENCE INFORMATION AND SENSITIVE COMPARTMENTED INFORMATION FACILITIES	M343	8/13/2001
DOE/RL-94-02, Rev. 9	10/07/2025	HANFORD EMERGENCY MANAGEMENT PLAN– APPLICABLE TO PNNL-MANAGED FACILITIES AND ACTIVITIES ON THE HANFORD SITE	1644	2/12/2026

DIRECTIVE NO.	EFFECTIVE DATE	DIRECTIVE TITLE	MOD #	CONTRACT MODIFICATION DATE
DOE/RL-2001-36	8/29/2017	HANFORD SITE TRANSPORTATION SAFETY DOCUMENT, REV. 2	M1328	3/15/2021

* The Contractor's responsibility to implement CRD O 458.1, Chg. 5 "Radiation Protection of the Public and the Environment" is limited to paragraphs 2.d., 2.g., and 2.k.

** In addition to the PNNL Hazard Category 2 nuclear facility, this CRD is applicable to the Testing and Validation Area 2 of the Grid Storage Launchpad facility.

*** The Contractor Requirements Document (CRD) for CRD O 481.2 is located in Attachment 1 of DOE O 481.1F, "Strategic Partnership Projects (Non-Federal).