

APPENDIX I

DOE DIRECTIVES / LIST B

(An updated listing will be included at contract award, if needed)

**Applicable to the Operations of
Thomas Jefferson National Accelerator Facility**

DOE DIRECTIVES

Directives	Date	Title
DOE O 142.3B Chg 1 (LtdChg)	3/2/2022	Unclassified Foreign National Access Program
DOE O 144.1A	10/7/2024	DOE Requirements for Consultation and Engagement with Federally Recognized Indian Tribes and Alaska Native Cl
DOE O 150.1B	12/21/2021	Continuity Programs Note: DOE O 150.1B, Only Contract Requirements Document sections 8.a.(1), (2), (3), (8), (10), and (15), and 8.e. [both (1) and (2)] are applicable at TJNAF since the Site does not have or support PMEFs, MEFs, ESAs, or essential functions imposed by SPP activities. Additionally, section 8.a.(15) is tailored to read, "Establishing the orders of succession to key positions."
DOE O 151.1E	10/28/2024	Comprehensive Emergency Management System
DOE O 200.1A Chg 2 (LtdChg)	8/11/2023	Information Technology Management
DOE O 205.1D	4/30/2024	Department of Energy Cybersecurity Program
DOE O 206.1A	1/19/2024	Department of Energy Privacy Program
DOE O 206.2 Chg. 2 (LtdChg)	10/28/2024	Identity, Credential, and Access Management (ICAM)
DOE O 210.2A	4/8/2011	DOE Corporate Operating Experience Program
DOE O 221.1B	9/27/2016	Reporting Fraud, Waste and Abuse to the Office of Inspector General
DOE O 221.2A	2/25/2008	Cooperation with the Office of Inspector General
DOE O 225.1B	3/4/2011	Accident Investigations
DOE O 226.1B Chg 1 (Admin Chg)	5/3/2022	Implementation of Department of Energy Oversight Policy

DOE O 227.1A Chg 1 (AdminChg)	1/21/2020	Independent Oversight Program Note: The second sentence in section 5 of the CRD is tailored to read “Other deficiencies identified in appraisal reports must be managed in accordance with established Contractor Assurance System (Contract Clause H.50).”
DOE O 231.1B Admin Chg 1	11/28/2012	Environment, Safety and Health Reporting
DOE O 232.2A Chg 1 (MinChg)	10/4/2019	Occurrence Reporting and Processing of Operations Information Note: Specifically, Attachments 2, 3, and 4 are tailored such that the information level occurrences will be captured in the Contractors’ issues management systems and they are not required to be submitted to the Occurrence Reporting and Processing System (ORPS) database.
DOE O 241.1C	10/28/2024	Scientific and Technical Information Management
DOE O 243.1C	2/7/2022	Records Management Program
DOE O 252.1A Chg. 2 (AdminChg)	9/30/2024	Technical Standards Program
DOE O 313.1	11/19/2009	Management and Funding of the Department's Overseas Presence
DOE O 341.1A	10/18/2007	Federal Employee Health Services Note: DOE O 341.1A, Contract Requirements Document sections 2.a(1), 2.a(2), and 2.a(3) are not applicable to TJNAF
DOE O 350.1 Chg 7 (LtdChg)	2/19/2020	Contractor Human Resource Management Programs
DOE O 410.2 Admin Chg 1	4/10/2014	Management of Nuclear Materials Note: Only Contract Requirements Document sections 1, 2, 3, 5, 6, 7, 11, 12, 13, 15, and 16 are applicable to TJNAF based on the static and relatively insignificant quantities of nuclear material at TJNAF.

DOE O 411.2	1/4/2017	Scientific Integrity
DOE O 413.2C Chg 1 (MinChg)	8/2/2018	Laboratory Directed Research and Development
DOE O 413.3B Chg 7 (LtdChg)	6/21/2023	<p>Program and Project Management for the Acquisition of Capital Assets</p> <p>Note: The Memorandum from S. Binkley (dated 8/2/2018) exempted Capital Asset Projects with a TPC under \$50M from the requirements of this Order, and delegated responsibility for their successful delivery to the cognizant SC Laboratory Director.</p>
DOE O 414.1E	12/18/2024	Quality Assurance
DOE O 415.1 Chg 2 (MinChg)	1/13/2017	Information Technology Project Management

DOE O 420.1C Chg 3 (LtdChg)	11/14/2019	<p>Facility Safety</p> <p>Note: Change 3, Tailored Approach: Only the CRD (Attachment 1 to the Order) and Attachment 2, Chapters II and IV are applicable to TJNAF. The other chapters in Attachment 2 as well as Attachment 3 do not apply to the contract since they contain requirements for nuclear facilities and nuclear criticality hazards which do not exist at TJNAF. Additionally, items in Chapter II and Chapter IV of Attachment 2 are tailored as follows:</p> <p>Chapter II</p> <ul style="list-style-type: none"> - The requirements in Section 3.c.(3)(a) regarding safety-class and safety-significant systems is not applicable since there are no nuclear facilities at TJNAF. - The requirements in Section 3.e.(3)(b) and Section 3.e.(3)(d) regarding criticality safety are not applicable since there are no criticality hazards at TJNAF. - The requirement in Section 3.f.(1)(d) regarding nuclear safety basis documentation is not applicable since there are no nuclear facilities at TJNAF. <p>Chapter IV</p> <ul style="list-style-type: none"> - The requirements in Section 3.a. regarding safety-SSCs and nuclear safety basis documentation are not applicable since there are no nuclear facilities at TJNAF. - The requirements in Section 3.c.(1-2) regarding safety-SSCs and the reference to safety-SSCs in Section 3.c are not applicable since there are no nuclear facilities at TJNAF. - The requirements in Section 3.d of Chapter IV of Attachment 2 are not applicable since there are no nuclear facilities at TJNAF.
DOE O 420.2D	9/9/2022	Safety of Accelerators
DOE O 422.1 Chg 4 (LtdChg)	2/3/2022	Conduct of Operations
DOE O 435.1 Chg 2 (AdminChg)	1/11/2021	Radioactive Waste Management
DOE M 435.1-1 Chg 3 (LtdChg)	1/11/2021	Radioactive Waste Management Manual
DOE O 440.2C Chg 3 (LtdChg)	3/21/2023	Aviation Management and Safety

DOE O 442.1B	1/31/2019	<p>Department of Energy Employee Concerns Program</p> <p>Note: Add the following requirements to Section 2 of the CRD: “Ensure that all employees and subcontractor employees are notified annually that they have the right to report environment, safety, and health technical concerns that have not been resolved through routine work processes through the Department of Energy Differing Professional Opinion (DPO) process [the DOE DPO process can be found in Attachment 2 to DOE O 442.2 (found at https://www.directives.doe.gov/directives-documents/400-series/0442.2-BOrderchg1-pgchg) and at https://energy.gov/ehss/doe-differing-professional-opinions]. The notification must provide points of contact (name, phone number and email addresses of DPO Managers) as listed on the DOE DPO webpage, as well as the DOE DPO web page address.”</p>
DOE O 442.2 Chg 1 (PgChg)	10/5/2016	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns
DOE O 443.1C Chg. 1 (LtdChg)	11/23/2024	<p>Protection of Human Research Subjects</p> <p>Note: Contract Requirements Document sections 8, 9, 10, 11, 12, and 13 are not applicable to TJNAF.</p>
DOE O 456.1A	7/15/2016	The Safe Handling of Unbound Engineered Nanoparticles
DOE O 458.1 Chg 5 (Admin Chg)	1/30/2025	Radiation Protection of the Public and the Environment
DOE O 460.2B	6/10/2022	Departmental Materials Transportation Management
DOE O 462.1 Admin Chg 1	7/10/2013	Import and Export of Category 1 and 2 Radioactive Sources Aggregated Quantities
DOE O 470.1A	12/18/2024	Safeguards and Security Program Operations Management
DOE O 470.4C	12/18/2024	Safeguards and Security Planning
DOE O 470.5A	12/6/2024	Insider Threat Program
DOE O 471.6 Chg 4 (LtdChg)	8/22/2023	Information Security

DOE O 471.7	2/3/2022	Controlled Unclassified Information
DOE O 472.2A Chg.1 (LtdChg)	10/28/2024	Personnel Security
DOE O 473.1A	8/30/2021	Physical Protection Program
DOE O 473.2A	8/30/2021	Protective Force Operations
DOE O 474.2A Chg 1 (AdminChg)	4/16/2024	Nuclear Material Control and Accountability
DOE O 475.1	12/10/2004	Counterintelligence Program
DOE O 483.1B Chg. 3 (MinChg)	10/28/2024	DOE Cooperative Research and Development Agreements
DOE O 484.1 Chg. 4 (LtdChg)	10/28/2024	Reimbursable Work for the Department of Homeland Security
DOE O 486.1A	9/4/2020	Foreign Government Sponsored or Affiliated Activities
DOE O 520.1B Chg 2 (LtdChg)	12/18/2024	Financial Management and Chief Financial Officer Responsibilities
DOE O 522.1A Chg. 1 (LtdChg)	10/28/2024	Pricing of Departmental Materials and Services
DOE O 550.1 Chg 1 (LtdChg)	12/13/2019	Official Travel
Std. 1090-2011	9/1/2011	Hoisting and Rigging Standard
Std. 1196-2021	7/7/2021	Derived Concentration Technical Standard