PART III - SECTION J, ATTACHMENT G

LIST OF APPLICABLE DOE DIRECTIVES
(LIST B)

The following DOE directives contain requirements relevant to the scope of work under the Idaho National Laboratory (INL) contract. In most cases, the requirements applicable to the Contractor are contained in a Contractor Requirements Document (CRD) attached to the DOE directive. The Contractor shall continuously evaluate the workscope and contract requirements for opportunities to improve efficiency or creativity. In support of that objective, Section H, clause H.5 defines a process by which the Contractor may propose alternative methods to the DOE directives listed in this section.

Directives containing a note include exemptions, supplemental material, or clarifying information. Additionally, all Directives below are DOE unless otherwise specified, for example: Nuclear Energy (NE).

Directive No.	Mod No. and Effective Date	Directive Title
O 130.1	Contract Award Nov 2004	**Budget Formulation Process**
O 130.1B	Mod 641 TBD	**Budget Planning, Formulation, Execution, and Departmental Performance Management** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 140.1	Added Prior Mod 417 Apr 2018	**Interface with the Defense Nuclear Facilities Safety Board**
O 142.2A, Admin Chg. 1	Added Prior Mod 417 Apr 2018	**Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency**
M 142.2-1, Admin Chg. 1	Added Prior Mod 417 Apr 2018	**Manual For Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency**
O 142.3C	Mod 641 Aug 2026	**Unclassified Foreign National Access Program** ***Note*** *– Implementation to be completed by September 30, 2027.*
O 144.1A	Mod 615 Oct 2025	**DOE Requirements for Consultation and Engagement with Federally Recognized Indian Tribes and Alaska Native Claims Settlement Act Corporations Pursuant to Doe P 144.1** ***Note*** *- Implementation to be completed by 09/01/2026.*
O 150.1B	Mod 517 Sep 2022	**Continuity Programs** ***Note*** *- The applicability of DOE O 150.1B is contingent upon available funding if the scope of the Directive deviates from the BEA COOP Plan. At that time a new Contract Applicability Review would be performed to identify any cost impacts and submitted to DOE for review.*
O 150.1C	Mod 641 TBD	**Continuity Programs** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*

Directive No.	Mod No. and Effective Date	Directive Title
NE O 151.1	Mod 615 Oct 2025	**Comprehensive Emergency Management System** ***Note*** *– BEA will update the all-hazards planning basis documents during scheduled triennial reviews with implementation to be completed by 04/30/2028.*
O 151.1F	Mod 641 TBD	**Comprehensive Emergency Management System** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 153.1A	Mod 538 Apr 2023	**Departmental Nuclear Emergency Support Team Capabilities**
O 153.1B	Mod 641 TBD	**Nuclear Emergency Support Team Capabilities** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 200.1A, Chg. 2	Mod 560 Dec 2023	**Information Technology Management**
O 205.1D	Mod 579 Aug 2024	**Department Of Energy Cybersecurity Program**
O 206.1A	Mod 567 Mar 2024	**Department of Energy Privacy Program** ***Note*** *- The Parties agree that Contractor is not responsible for compliance to 1(a), 2(d), 2(g) and/or 2(j) of DOE O 206.1A until all requirements therein are finalized and released by the Department of Energy. Such compliance will be in accordance with a timeline and cost as negotiated and mutually agreed upon by the Parties following the aforementioned finalization.*
O 206.2, Chg. 1	Mod 538 May 2023	**Identity, Credential and Access Management (ICAM)** ***Note*** *- The applicability of DOE O 206.2 is contingent upon available funding. It is agreed that BEA is released from implementation compliance if no funding is made available by DOE for this activity.*
O 210.2A	Added Prior Mod 300 Oct 2014	**DOE Corporate Operating Experience Program**
O 210.2B	Mod 641 TBD	**DOE Corporate Operating Experience Program** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 221.1B	Mod 417 Mar 2018	**Reporting Fraud, Waste and Abuse to the Office of Inspector General**
O 221.2A	Added Prior Mod 417 Apr 2018	**Cooperation With the Office of Inspector General**
NE O 225.1	Mod 615 Oct 2025	**Accident Investigations**
NE O 226.1	Mod 615 Oct 2025	**Implementation of Department of Energy Oversight Policy**

Directive No.	Mod No. and Effective Date	Directive Title
NE O 227.1	Mod 615 Oct 2025	**Independent Oversight Program**
O 227.1B	Mod 641 TBD	**Independent Oversight Program** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 231.1, Admin Chg. 1	Mod 615 Oct 2025	**Environment, Safety and Health Reporting**
NE O 232.2, Minor Chg.1	Mod 615 Oct 2025	**Office of Nuclear Energy Occurrence Reporting and Processing of Operations Information**
O 241.1B, Admin Chg. 1	Mod 411 Dec 2017	**Scientific and Technical Information Management**
O 241.1D	Mod 641 TBD	**Scientific and Technical Information Management** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 243.1C	Mod 517 Sep 2022	**Records Management Program**
O 243.1D	Mod 641 TBD	**Records Management Program** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 252.1A, Admin Chg. 2	Mod 599 Mar 2026	**Technical Standards Program**
O 313.1	Mod 270 May 2013	**Management and Funding of the Department's Overseas Presence**
O 341.1A	Added Prior Mod 300 Oct 2014	**Federal Employee's Health Services** ***Note*** *– The applicability of DOE O 341.1A is limited to the Contractor's Occupational Medical Program, which also provides services to Federal Employees.*
O 341.1B	Mod 641 TBD	**Federal Employee Health Services** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 350.1, Chg. 7	Mod 480 May 2021	**Contractor Human Resource Management Programs**
O 350.1A	Mod 641 TBD	**Contractor Human Resource Management Programs** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
P 364.1	Added Prior Mod 417 Apr 2018	**Health and Safety Training Reciprocity**
O 410.2, Admin Chg. 1	Mod 349 Oct 2015	**Management of Nuclear Materials**

Directive No.	Mod No. and Effective Date	Directive Title
O 410.2A	Mod 641 TBD	**Integration of Nuclear Materials & Strategic Planning** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 411.2	Mod 411 Dec 2017	**Scientific Integrity**
O 411.2A	Mod 641 TBD	**Scientific Integrity** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 412.1A, Admin Chg. 1	Mod 326 Jan 2015	**Work Authorization System**
O 413.1B	Mod 134 Apr 2009	**Internal Control Program**
O 413.2C, Chg. 1	Added Prior Mod 417 Apr 2018	**Laboratory Directed Research and Development**
O 413.2D	Mod 641 TBD	**Laboratory Directed Research and Development** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 413.3B, Chg. 7	Mod 560 Dec 2023	**Program and Project Management for the Acquisition of Capital Assets** ***Note*** *– Future projects will comply with all DOE Orders, Directives, and Regulations in effect at the time of Critical Decision Gate 2 approval.*
O 413.3C	Mod 641 TBD	**Program and Project Management for the Acquisition of Capital Assets** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 414.1	Mod 615 Oct 2025	**Quality Assurance**
O 414.1F	Mod 641 TBD	**Quality Assurance** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 415.1, Chg. 2	Mod 417 Mar 2018	**Information Technology Project Management**
NE O 420.1, Chg. 1 (LtdChg)	Mod 633 May 2026	**Facility Safety** ***Note*** *– ANSI/ANS 8.23-2007 remains in effect rather than ANSI/ANS 8.23-2019. This Order shall only apply to new facilities and modifications after 09/18/2025. Existing facilities shall comply with the revision of Order 420.1 as identified in its associated Documented Safety Analysis. Please see Exemptions, which were granted under DOE 420.1C, Chg. 1 and remain effective, below for additional deviations.* • *CCN 239259, AS-CMD-INL-18-047 (CCN 242695) ATR's Natural Phenomena Hazards* • *CCN 243763, CLN190374 (CCN 244202), NFPA 20 Requirements for the Installation of Pressure Relief Valves at ATR*
O 420.1D	Mod 641 TBD	**Facility Safety** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 420.2D	Mod 538 May 2023	**Safety of Accelerator Facilities**

Directive No.	Mod No. and Effective Date	Directive Title
O 420.2E	Mod 641 TBD	**Safety of Accelerator Facilities** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 422.1	Mod 615 Oct 2025	**Conduct of Operations**
O 422.1A	Mod 641 TBD	**Conduct of Operations** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 425.1, Chg. 1 (MinChg)	Mod 633 May 2026	**Verification of Readiness to Start Up or Restart Hazard Category 1 and 2 Nuclear Facilities**
O 425.1F	Mod 641 TBD	**Verification of Readiness to Startup or Restart Hazard Category 1 and 2 Nuclear Facilities** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 426.2	Mod 615 Oct 2025	**Personnel Selection, Training Qualification and Certification Requirements for DOE Nuclear Facilities**
O 426.2B	Mod 641 TBD	**Personnel Section, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 433.1	Mod 615 Oct 2025	**Maintenance Management Program for DOE Nuclear Facilities**
O 433.1C	Mod 641 TBD	**Maintenance Management Program for DOE Nuclear Facilities** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 435.1	Mod 615 Oct 2025	**Radioactive Waste Management**
O 437.1B	Mod 641 TBD	**Bridge and Tunnel Management** ***Note*** *– This order will be effective if mutually agreed to be applicable and upon the completion of an implementation plan and schedule.*
O 440.2C, Admin Chg. 3	Mod 548 Aug 2023	**Aviation Management and Safety**
O 440.2D	Mod 641 TBD	**Aviation Management and Safety** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 442.1B	Mod 441 Aug 2019	**Department of Energy Employee Concerns Program**
O 442.2, Chg. 1	Mod 411 Dec 2017	**Differing Professional Opinions for Technical Issues Involving Environmental, Safety and Health Technical Concerns**
O 443.1C, Chg. 1 (LtdChg.)	Mod 602 May 2025	**Protection of Human Research Subjects**
O 443.1D	Mod 641 TBD	**Protection of Human Research Subjects** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*

Directive No.	Mod No. and Effective Date	Directive Title
O 452.8	Added Prior Mod 300 Oct 2014	**Control of Nuclear Weapons Data**
O 452.8A	Mod 641 TBD	**Control of Nuclear Weapon Data** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 456.1A	Mod 411 Dec 2017	**The Safe Handling of Unbound Engineered Nanoparticles**
O 456.1B	Mod 641 TBD	**The Safe Handling of Unbound Engineered Nanoparticles** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
P 456.1	Added Prior Mod 417 Apr 2018	**Secretarial Policy Statement of Nanoscale Safety**
O 457.1A	Mod 326 Jan 2015	**Nuclear Counterterrorism** ***Note*** *– If future work is identified, BEA will conduct a Contract Applicability Review, identify any cost impacts and submit to DOE for review at that time.*
O 457.1B	Mod 641 TBD	**Nuclear Counterterrorism** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
NE O 458.1A	Mod 623 Jan 2026	**Radiation Protection of the Public and the Environment**
O 460.1D, Chg. 1	Mod 548 Aug 2023	**Hazardous Materials Packaging and Transportation Safety**
O 460.2B	Mod 560 Dec 2023	**Departmental Materials Transportation and Packaging Management**
O 460.2C	Mod 641 TBD	**Departmental Materials Transportation Management** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 461.1C	Mod 417 Mar 2018	**Packaging and Transportation for Offsite Shipment of Materials of National Security Interest** ***Note*** *– All commonly transported Type B bulk fissile material shipments must include an expanded data set as an appendix to OST F 1540.5 to include the number of product cans along with product can fissile and impurity mass when applicable.*
O 461.1D	Mod 641 TBD	**Packaging and Transportation for Offsite Shipment of Materials of National Security Interest** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 461.2	Added Prior Mod 300 Oct 2014	**Onsite Packaging and Transfer of Materials of National Security Interest**
O 461.2A	Mod 641 TBD	**Onsite Packaging and Transfer of Materials of National Security Interest** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*

Directive No.	Mod No. and Effective Date	Directive Title
O 462.1, Admin Chg. 1	Added Prior Mod 417 Apr 2018	**Import and Export of Category 1 & 2 Radioactive Sources Aggregated Quantities**
O 462.1A	Mod 641 TBD	**Import and Export of Category 1 and 2 Radioactive Sources and Aggregated Quantities**
NE O 470.1	Mod 615 Oct 2025	**Office of Nuclear Energy Safeguards and Security**
O 470.5	Mod 411 Dec 2017	**Insider Threat Program**
O 470.6, Chg. 1	Mod 567 Mar 2024	**Technical Security Program**
O 470.7	Mod 641 TBD	**Safeguards and Security Program** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 471.3, Chg. 1	Added Prior Mod 300 Oct 2014	**Identifying and Protecting Official Use Only Information**
M 471.3-1, Chg. 1	Added Prior Mod 300 Oct 2014	**Manual for Identifying and Protecting Official Use Only Information**
O 471.5	Added Prior Mod 300 Oct 2014	**Special Access Program**
O 471.6, Admin Chg. 4	Mod 567 Mar 2024	**Information Security**
O 471.7	Mod 538 May 2023	**Controlled Unclassified Information** ***Note*** *– Per Contractor will eventually come into compliance with DOE O 471.7 in accordance with its approved implementation plan. Until such time, the Parties agree that the Contractor will continue to operate under O 471.3 Chg. 1 and M 471.3-1, Chg. 1*
O 472.2A	Mod 579 Aug 2024	**Personnel Security**
O 475.1	Added Prior Mod 300 Oct 2014	**Counterintelligence Program**
O 475.2B	Mod 349 Oct 2015	**Identifying Classified Information**
O 481.1F	Mod 641 TBD	**Non-Federal Strategic Partnership Projects** ***Note*** *– This order will be effective if mutually agreed to be applicable and upon the completion of an implementation plan and schedule.*

Directive No.	Mod No. and Effective Date	Directive Title
O 481.2A	Mod 641 TBD	**Federal Strategic Partnership Projects** ***Note*** *– This order will be effective if mutually agreed to be applicable and upon the completion of an implementation plan and schedule.*
O 483.1B, Chg. 1	Added Prior Mod 417 Apr 2018	**DOE Cooperative Research and Development Agreements**
O 483.1C	Mod 641 TBD	**DOE Cooperative Research and Development Agreements** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 484.1, Admin Chg. 2	Mod 349 Oct 2015	**Reimbursable Work for the Department of Homeland Security**
O 484.1A	Mod 641 TBD	**Reimbursable Work for the Department of Homeland Security** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 486.1A	Mod 466 Nov 2020	**Foreign Government Sponsored or Affiliated Activities** ***Note*** *– See Contract Modification No. 466.*
O 520.1B, Chg. 1	Mod 560 Dec 2023	**Financial Management and Chief Financial Officer Responsibilities**
O 520.1C	Mod 641 TBD	**Financial Management and Chief Financial Officer Responsibilities** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 522.1A	Added Prior Mod 417 Apr 2018	**Pricing of Departmental Materials and Services**
O 522.1B	Mod 641 TBD	**Pricing of Departmental Materials and Services** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
O 544.1B	Mod 641 TBD	**Priorities and Allocations Program** ***Note*** *– This order will be effective if mutually agreed to be applicable and upon the completion of an implementation plan and schedule.*
O 550.1	Mod 454 Aug 2019	**Official Travel**
O 550.1A	Mod 641 TBD	**Official Travel** ***Note*** *– This order will be effective at the completion of a mutually agreed upon implementation plan and schedule, but no later than September 30, 2027.*
STD-1271-2025	Mod 615 Oct 2025	**Authorization Pathway for Nuclear Facilities** ***Note*** *– New Nuclear Facilities shall be evaluated on a case-by-case basis whether to maintain compliance with DOE-STD-1189-2016 or migrate to compliance with STD-1271-2025.*
O 5480.30, Admin Chg. 1	Contract Award Nov 2004	**Nuclear Reactor Safety Design Criteria** ***Note*** *– DOE O 5480.30 only applies to design modifications to the Advanced Test Reactor and Advanced Test Reactor Critical Facilities.*

Directive No.	Mod No. and Effective Date	Directive Title
O 5639.8A	Contract Award Nov 2004	**Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities**
O 5670.1A	Added Prior Mod 300 Oct 2014	**Management and Control of Foreign Intelligence**