

**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.

Note: Directives with an asterisk (\*) contain an exemption. The details of the exemption can be found in the table located below the directives table. Additionally, all Directives below are DOE unless otherwise specified, for example: Nuclear Energy (NE).

| Directive No.           | Directive Title  |
|-------------------------|--|
| O 130.1                 | Budget Formulation Process   |
| O 140.1                 | Interface with the Defense Nuclear Facilities Safety Board   |
| O 142.2A, Admin Chg. 1  | Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency   |
| 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  |
| O 142.3B, Chg. 1        | Unclassified Foreign National Access Program   |
| O 144.1A                | DOE Requirements for Consultation and Engagement with Federally Recognized Indian Tribes and Alaska Native Claims Settlement Act Corporations Pursuant to DOE P 144.1 <sup>1</sup> |
| O 150.1B                | Continuity Programs <sup>2</sup>   |
| NE O 151.1              | Comprehensive Emergency Management System <sup>3</sup>   |
| O 153.1A                | Departmental Nuclear Emergency Support Team Capabilities   |
| O 200.1A, Chg. 2        | Information Technology Management  |
| O 205.1D                | Department of Energy Cybersecurity Program   |
| O 206.1A                | Department of Energy Privacy Program <sup>4</sup>  |
| O 206.2, Chg. 1         | Identity, Credential and Access Management (ICAM) <sup>5</sup>   |
| O 210.2A                | DOE Corporate Operating Experience Program   |
| O 221.1B                | Reporting Fraud, Waste and Abuse to the Office of Inspector General  |
| O 221.2A                | Cooperation with the Office of Inspector General   |
| NE O 225.1              | Accident Investigations <sup>6</sup>   |
| NE O 226.1              | Implementation of Department of Energy Oversight Policy <sup>7</sup>   |

<sup>1</sup> Implementation to be completed by 09/01/2026.

<sup>2</sup> 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.

<sup>3</sup> Implementation to be completed by 03/01/2026, with the exception of requiring associated revision to BEA Hazards Analysis Documents which are on a triennial review period. This documentation will be updated by its standard schedule.

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> Implementation to be completed by 08/17/2026.

<sup>7</sup> Implementation to be completed by 08/17/2026.

| Directive No.             | Directive Title  |
|---------------------------|--|
| NE O 227.1                | Independent Oversight Program <sup>8</sup>   |
| NE O 231.1, Admin Chg. 1  | Environment, Safety and Health Reporting <sup>9</sup>  |
| NE O 232.2, Minor Chg. 1  | Office of Nuclear Energy Occurrence Reporting and Processing of Operations Information <sup>10</sup>                 |
| O 241.1B, Admin Chg. 1    | Scientific and Technical Information Management  |
| O 243.1C                  | Records Management Program   |
| O 252.1A, Admin Chg. 2    | Technical Standards Program  |
| O 313.1                   | Management and Funding of the Department's Overseas Presence   |
| O 341.1A                  | Federal Employees Health Services <sup>11</sup>  |
| O 350.1, Chg. 7           | Contractor Human Resource Management Programs  |
| P 364.1                   | Health and Safety Training Reciprocity   |
| O 410.2, Admin Chg. 1     | Management of Nuclear Materials  |
| O 411.2                   | Scientific Integrity   |
| O 412.1A, Admin Chg. 1    | Work Authorization System  |
| O 413.1B                  | Internal Control Program   |
| O 413.2C, Chg. 1          | Laboratory Directed Research and Development   |
| O 413.3B, Chg. 7          | Program and Project Management for the Acquisition of Capital Assets <sup>12</sup>                                   |
| NE O 414.1                | Quality Assurance <sup>13</sup>  |
| O 415.1, Chg. 2           | Information Technology Project Management  |
| NE O 420.1*               | Facility Safety <sup>14</sup>  |
| O 420.2D                  | Safety of Accelerator Facilities   |
| NE O 422.1                | Conduct of Operations <sup>15</sup>  |
| NE O 425.1                | Verification of Readiness to Start Up or Restart Hazard Category 1 and 2 Nuclear Facilities                          |
| NE O 426.2                | Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities <sup>16</sup> |
| NE O 433.1                | Maintenance Management Program for DOE Nuclear Facilities <sup>17</sup>  |
| NE O 435.1                | Radioactive Waste Management <sup>18</sup>   |
| O 440.2C, Admin Chg. 3    | Aviation Management and Safety   |
| O 442.1B                  | Department of Energy Employee Concerns Program   |
| O 442.2, Chg. 1           | Differing Professional Opinions for Technical Issues Involving Environmental, Safety and Health Technical Concerns   |
| O 443.1C, Chg. 1 (LtdChg) | Protection of Human Research Subjects <sup>19</sup>  |
| O 452.8                   | Control of Nuclear Weapon Data   |

<sup>8</sup> Implementation to be completed by 08/17/2026.

<sup>9</sup> Implementation to be completed by 08/17/2026.

<sup>10</sup> Implementation to be completed by 08/17/2026.

<sup>11</sup> The applicability of DOE O 341.1A is limited to the Contractor's Occupational Medical Program, which also provides services to Federal employees.

<sup>12</sup> Future projects will comply with all DOE Orders, Directives, and Regulations in effect at the time of Critical Decision Gate 2 approval.

<sup>13</sup> Implementation to be completed by 08/17/2026.

<sup>14</sup> 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 Exemption table below for additional deviations.

<sup>15</sup> Implementation to be completed by 08/17/2026.

<sup>16</sup> Implementation to be completed by 08/17/2026.

<sup>17</sup> Implementation to be completed by 08/17/2026.

<sup>18</sup> Implementation to be completed by 08/17/2026.

<sup>19</sup> Implementation to be complete by 12/08/2025.

| Directive No.           | Directive Title  |
|-------------------------|--|
| O 456.1A                | The Safe Handling of Unbound Engineered Nanoparticles  |
| P 456.1                 | Secretarial Policy Statement of Nanoscale Safety   |
| O 457.1A                | Nuclear Counterterrorism <sup>20</sup>   |
| NE O 458.1A             | Radiation Protection of the Public and the Environment   |
| O 460.1D, Chg 1         | Hazardous Materials Packaging and Transportation Safety  |
| O 460.2B                | Departmental Materials Transportation and Packaging Management   |
| O 461.1C                | Packaging and Transportation for Offsite Shipment of Materials of National Security Interest <sup>21</sup> |
| O 461.2                 | Onsite Packaging and Transfer of Materials of National Security Interest                                   |
| O 462.1, Admin Chg. 1   | Import and Export of Category 1 & 2 Radioactive Sources Aggregated Quantities                              |
| NE O 470.1              | Office of Nuclear Energy Safeguards and Security <sup>22</sup>   |
| O 470.5                 | Insider Threat Program   |
| O 470.6, Chg. 1         | Technical Security Program   |
| O 471.3, Chg. 1         | Identifying and Protecting Official Use Only Information   |
| M 471.3-1, Chg. 1       | Manual for Identifying and Protecting Official Use Only Information  |
| O 471.5                 | Special Access Program   |
| O 471.6, Admin Chg. 4   | Information Security   |
| O 471.7                 | Controlled Unclassified Information <sup>23</sup>  |
| O 472.2A                | Personnel Security   |
| O 475.1                 | Counterintelligence Program  |
| O 475.2B                | Identifying Classified Information   |
| M 481.1-1A, Chg. 1      | Reimbursable Work for Non-Federal Sponsors Process Manual <sup>24</sup>                                    |
| O 483.1B, Chg. 1        | DOE Cooperative Research and Development Agreements  |
| O 484.1, Admin Chg. 2   | Reimbursable Work for the Department of Homeland Security  |
| O 486.1A                | Foreign Government Sponsored or Affiliated Activities <sup>25</sup>  |
| O 520.1B, Chg. 1        | Financial Management and Chief Financial Officer Responsibilities  |
| O 522.1A                | Pricing of Departmental Materials and Services   |
| O 534.1B                | Accounting   |
| O 550.1                 | Official Travel  |
| STD-1271-2025           | Authorization Pathway for Nuclear Facilities <sup>26</sup>   |
| O 5480.30, Admin Chg. 1 | Nuclear Reactor Safety Design Criteria <sup>27</sup>   |

<sup>20</sup> 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.

<sup>21</sup> 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.

<sup>22</sup> Implementation to be complete by 12/31/2025.

<sup>23</sup> 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.

<sup>24</sup> Clarification for M 481.1-1A: For implementation of DOE M 481.1-1A, Intercompany Work Transfers (IWTS) is not within the scope of Work for Others (WFO).

<sup>25</sup> See Contract Modification No. 466.

<sup>26</sup> 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.

<sup>27</sup> DOE O 5480.30 only applies to design modifications to the Advanced Test Reactor and Advanced Test Reactor Critical facilities.

| Directive No. | Directive Title   |
|---------------|---|
| O 5639.8A     | Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities |
| O 5670.1A     | Management and Control of Foreign Intelligence  |

**Exemptions to Applicable Directives**

| Directive No. | Exemption  |
|---------------|--|
| NE O 420.1    | CCN 239259, AS-CMD-INL-18-047 (CCN 242695) ATR's Natural Phenomena Hazards<br><br>CCN 243763, CLN190374 (CCN 244202), NFPA 20 Requirements for the Installation of Pressure Relief Valves at ATR<br><br>NOTE: Exemptions were granted under DOE O 420.1C, Chg. 1 and remain effective. |