

Attachment F Operating and Administrative Requirements (List B)

Prime Contract No. DE-AC36-08GO28308

The operating and administrative requirements, including the Contractor Requirements Documents of DOE directives listed below are applicable in whole or in part in accordance with clauses H.18 Application of DOE Contractor Requirements Documents and 970.5204-2 Laws, Regulations, and DOE Directives (DEC 2000). The concurrence analysis documenting applicability for each requirement below is maintained in the DOE Master File as well as any assurances as required by Clause H.18, and are made a part of this Contract by reference and are managed through a formal change control process.

| Operating and Administrative Requirements | Applicability |
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| DOE O 130.1 CRD Budget Formulation Approved: 09/29/95 | CRD applicable in whole |
| DOE O 142.3A Chg 1 (MinChg) CRD Unclassified Foreign Visits and Assignments Program Approved: 10/14/10 Chg 1 (MinChg): 01/18/17 | CRD applicable in whole |
| DOE O 150.1A CRD Continuity Programs 03/31/2014 | CRD applicable in whole |
| DOE O 151.1D CRD Comprehensive Emergency Management System Approved: 08/11/16 | CRD applicable in whole |
| DOE O 200.1A Chg 1 (MinChg) CRD Information Technology Management Approved: 12/23/08 Chg 1 (MinChg): 01/13/17 | CRD applicable in whole |
| DOE O 205.1C CRD Department of Energy Cyber Security Program Approved: 05/15/19 | CRD applicable in part |
| DOE O 206.1 CRD Department of Energy Privacy Program Approved: 01/16/09 | CRD applicable in whole |
| DOE O 206.2 CRD Identity, Credential, and Access Management (ICAM) Approved: 02/19/13 | CRD applicable in part |
| DOE O 210.2A CRD DOE Corporate Operating Experience Program Approved: 04/08/11 | CRD applicable in whole |
| DOE O 221.1B CRD Reporting Fraud, Waste and Abuse to the Office of Inspector General Approved: 09/27/16 | CRD applicable in whole |

| Operating and Administrative Requirements | Applicability |
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| DOE O 221.2A CRD Cooperation with the Office of Inspector General Approved: 02/25/08 | CRD applicable in whole |
| DOE O 225.1B CRD Accident Investigations Approved: 03/04/11 | CRD applicable in whole |
| DOE O 226.1B CRD Implementation of Department of Energy Oversight Policy Approved: 04/25/11 | CRD applicable in whole |
| DOE O 227.1A CRD Independent Oversight Program Approved: 12/21/15 | CRD applicable in whole |
| DOE O 231.1B Admin Chg 1 CRD Environment, Safety and Health Reporting Approved: 06/27/11 Admin Chg 1: 11/28/12 | CRD applicable in whole |
| DOE O 232.2A CRD Occurrence Reporting and Processing of Operations Information Approved: 01/17/17 | CRD applicable in part |
| DOE O 241.1B Chg 1 (Admin Chg) CRD Scientific and Technical Information Management Approved: 12/13/10 Chg 1 (Admin Chg): 04/26/16 | CRD applicable in whole |
| DOE O 243.1B Admin Chg 1 CRD Records Management Program Approved: 03/11/13 Admin Chg 1: 07/08/13 | CRD applicable in part |
| DOE O 350.1 Chg 6 (MinChg) Contractor Human Resource Management Programs Chapter VIII - Contractor Workplace Substance Abuse Programs CRD Chapter IX - Employee Assistance Programs CRD Approved: 09/30/96 Chg 6 (MinChg): 02/01/18 | CRD applicable in whole CRD applicable in whole |
| DOE O 413.1B CRD Internal Control Program Approved: 10/28/08 | CRD applicable in whole |
| DOE O 413.2C CRD Laboratory Directed Research and Development Approved: 10/22/15 | CRD applicable in whole |
| DOE O 413.3B Chg 5 (MinChg) CRD Program and Project Management for the Acquisition of Capital Assets Approved: 11/29/10 Chg 5 (MinChg): 04/12/18 | CRD applicable in part |
| DOE O 414.1D Admin Chg 1 CRD Quality Assurance Approved: 04/25/11 Admin Chg 1: 05/08/13 | CRD applicable in part |

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| DOE O 420.1C Chg 2 (MinChg) CRD Facility Safety Approved: 12/04/12 Chg 2 (MinChg): 07/26/18 | CRD applicable in part |
| DOE O 435.1 Chg 1 (PgChg) CRD Radioactive Waste Management Approved: 07/09/99 Chg 1: 08/28/01 | CRD applicable in part |
| DOE O 436.1 CRD Departmental Sustainability Approved: 05/02/11 | CRD is applicable in whole |
| DOE O 440.2C Chg 1 (Admin Chg) CRD Aviation Management and Safety Approved: 06/15/11 Chg 1: 06/22/11 | CRD applicable in whole |
| DOE O 442.1B CRD Department of Energy Employee Concerns Program Approved: 01/31/19 | CRD applicable in whole |
| DOE O 442.2 Chg 1 (PgChg) CRD Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns Approved: 07/29/11 Chg 1 (PgChg): 10/05/16 | CRD applicable in whole |
| DOE O 443.1B Change 1 CRD Protection of Human Research Subjects Approved: 04/21/16 | CRD applicable in part |
| DOE O 456.1A CRD The Safe Handling of Unbound Engineered Nanoparticles Approved: 07/15/16 | CRD applicable in whole |
| DOE O 458.1 Admin Chg 3 CRD Radiation Protection of the Public and the Environment Approved: 02/11/11 Admin Chg 3: 01/15/13 | CRD applicable in part |
| DOE O 470.3C (U) Design Basis Threat (DBT) Approved: 11/23/16 | Applicable in part |
| DOE O 470.4B Chg 2 (MinChg) CRD Safeguards and Security Program Approved: 07/21/11 Chg 2 (MinChg): 01/17/17 | CRD applicable in part |
| DOE O 470.5 CRD Insider Threat Program Approved: 06/02/14 | CRD applicable in part |
| DOE O 470.6 Chg 1 (MinChg) CRD Technical Security Program Approved: 09/02/15 Chg 1 (MinChg): 01/11/17 | CRD applicable in whole |

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| DOE O 471.3 Admin Chg 1 CRD Identifying and Protecting Official Use Only Information Approved: 04/09/03 Admin Chg 1: 01/13/11 | CRD applicable in whole |
| DOE M 471.3-1 Admin Chg 1 CRD Manual for Identifying and Protecting Official Use Only Information Approved: 04/09/03 Admin Chg 1: 01/13/11 | CRD applicable in whole |
| DOE O 471.6 Chg 3 (AdminChg) CRD Information Security Approved: 06/20/2011 Chg 3 (AdminChg): 09/12/2019 | CRD applicable in whole |
| DOE O 472.2 Chg 1 (PgChg) CRD Personnel Security Approved: 07/21/11 Chg 1 (PgChg): 07/09/14 | CRD applicable in part |
| DOE O 473.3A Chg 1 (MinChg) CRD Protection Program Operations Approved: 03/23/16 Chg 1 (MinChg): 01/02/18 | CRD applicable in part |
| DOE O 475.1 CRD Counterintelligence Program Approved: 12/10/04 | CRD applicable in whole |
| DOE O 483.1B CRD DOE Cooperative Research and Development Agreements Approved: 12/20/16 | CRD applicable in part |
| DOE O 484.1 Admin Chg 2 CRD Reimbursable Work for the Department of Homeland Security Approved: 08/17/06 Admin Chg 2: 06/30/14 Certified Date: 01/15/15 | CRD applicable in whole |
| DOE O 486.1 CRD DOE Foreign Government Talent Recruitment Programs Approved: 06/07/19 | CRD applicable in whole |
| DOE O 522.1 CRD Pricing of Departmental Materials and Services Approved: 11/03/04 | CRD applicable in whole |
| DOE O 534.1B CRD Accounting Approved: 01/06/03 | CRD applicable in whole |
| DOE O 551.1D Chg 2 (Minor Revision) CRD Official Foreign Travel Approved: 04/02/12 Chg 2 (Minor Revision): 08/09/16 | CRD applicable in whole |