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

Onevoting and Administrative Dequirements	Modification M1221
<b>Operating and Administrative Requirements</b>	Applicability
DOE O 420.1C Chg 2 (MinChg) CRD	CRD applicable in
Facility Safety	part
Approved: 12/04/12	puit
Chg 2 (MinChg): 07/26/18	
DOE O 435.1 Chg 1 (PgChg) CRD	CRD applicable in
Radioactive Waste Management	part
Approved: 07/09/99	puit
Chg 1: 08/28/01	
DOE O 436.1 CRD	CRD is applicable in
Departmental Sustainability	whole
Approved: 05/02/11	whole
DOE O 440.2C Chg 1 (Admin Chg) CRD	CRD applicable in
Aviation Management and Safety	whole
Approved: 06/15/11	whole
Chg 1: 06/22/11	
DOE O 442.1B CRD	CRD applicable in
Department of Energy Employee Concerns Program	whole
Approved: 01/31/19	
DOE O 442.2 Chg 1 (PgChg) CRD	CRD applicable in
Differing Professional Opinions for Technical Issues Involving	whole
Environmental, Safety, and Health Technical Concerns	
Approved: 07/29/11	
Chg 1 (PgChg): 10/05/16	
DOE O 443.1B Change 1 CRD	CRD applicable in
Protection of Human Research Subjects	part
Approved: 04/21/16	
DOE O 456.1A CRD	CRD applicable in whole
The Safe Handling of Unbound Engineered Nanoparticles	
Approved: 07/15/16	
DOE O 458.1 Admin Chg 3 CRD	CRD applicable in
Radiation Protection of the Public and the Environment	part
Approved: 02/11/11	
Admin Chg 3: 01/15/13	
DOE O 470.3C (U)	Applicable in
Design Basis Threat (DBT)	part
Approved: 11/23/16	
DOE O 470.4B Chg 2 (MinChg) CRD	CRD applicable in
Safeguards and Security Program	part
Approved: 07/21/11	
Chg 2 (MinChg): 01/17/17	
DOE O 470.5 CRD	CRD applicable in
Insider Threat Program	part
Approved: 06/02/14	•
DOE O 471.3 Admin Chg 1 CRD	CRD applicable in
Identifying and Protecting Official Use Only Information	whole
Approved: 04/09/03	
Admin Chg 1: 01/13/11	
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Operating and Administrative Requirements	Applicability
DOE M 471.3-1 Admin Chg 1 CRD Manual for Identifying and Protecting Official Use Only Information Approved: 04/09/03	CRD applicable in whole
Admin Chg 1: 01/13/11 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