## 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	CRD applicable in
Budget	whole
Formulation	
DOE O 142.3A Chg 1 (MinChg) CRD	CRD applicable in
Unclassified Foreign Visits and Assignments	whole
Program Approved: 10/14/10	
Chg 1 (MinChg): 01/18/17	
DOE O 151.1D CRD	CRD applicable in
Comprehensive Emergency Management	whole
System Approved: 08/11/16	
DOE O 200.1A Chg 1 (MinChg) CRD	CRD applicable in
Information Technology	whole
Management	
Approved: 12/23/08	
DOE O 205.1B Chg 3 (PgChg) CRD	CRD applicable in
Department of Energy Cyber Security	part
Program	
Approved: 05/16/11	
DOE O 206.1 CRD	CRD applicable in
Department of Energy Privacy	whole
Program Approved: 01/16/09	
DOE O 206.2 CRD	CRD applicable in
Identity, Credential, and Access Management	part
(ICAM) Approved: 02/19/13	
DOE O 210.2A CRD	CRD applicable in
DOE Corporate Operating Experience	whole
Program Approved: 04/08/11	
DOE O 221.1B CRD	CRD applicable in
Reporting Fraud, Waste and Abuse to the Office of Inspector	whole
General Approved: 09/27/16	

<b>Operating and Administrative Requirements</b>	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	CDD 1' 11 '
DOE O 226.1B CRD Implementation of Department of Energy Oversight Policy	CRD applicable in
Implementation of Department of Energy Oversight Policy Approved: 04/25/11	whole
DOE O 227.1A CRD	CRD applicable in
Independent Oversight	whole
Program Approved: 12/21/15	whole
DOE O 231.1B Admin Chg 1 CRD	CRD applicable in
Environment, Safety and Health	whole
Reporting	
Approved: 06/27/11	
DOE O 232.2A CRD	CRD applicable in
Occurrence Reporting and Processing of Operations	part
Information Approved: 01/17/17 DOE O 241.1B Chg 1 (Admin Chg) CRD	CDD angliashla in
Scientific and Technical Information	CRD applicable in whole
Management	whole
Approved: 12/13/10	
DOE O 243.1B Admin Chg 1 CRD	CRD applicable in
Records Management	part
Program Approved:	•
03/11/13	
DOE O 350.1 Chg 5 CRD	CRD applicable in
Contractor Human Resource Management	whole
Programs Approved: 09/30/96 Change 5: 09/30/14	
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	whole
Development Approved: 10/22/15	
DOE O 413.3B Chg 3 (PgChg) CRD	CRD applicable in
Program and Project Management for the Acquisition of Capital	whole
Assets Approved: 11/29/10	
Chg 3 (PgChg): 12/20/16	
DOE O 414.1D Admin Chg 1 CRD	CRD applicable in part
Quality Assurance	
Approved: 04/25/11	
V4/2J/11	

	Modification M1152
<b>Operating and Administrative Requirements</b>	Applicability
DOE O 430.1B CRD Change 2 Real Property Asset Management Approved: 09/24/03	CRD applicable in whole
DOE O 436.1 CRD Departmental Sustainability Approved: 05/02/11	CRD is applicable in whole
DOE O 442.1A CRD Department of Energy Employee Concerns Program Approved: 06/06/01	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 CRD (U) Design Basis Threat (DBT) Approved: 11/23/16	CRD 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:	CRD applicable in part
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 472.2 Chg 1 (PgChg) CRD Personnel Security Approved: 07/21/11 Chg 1 (PgChg): 07/09/14	CRD applicable in part

Operating and Administrative Requirements	Applicability
DOE O 473.3A CRD	CRD applicable in
Protection Program Operations	part
Approved: 03/23/16	
DOE O 475.1 CRD	CRD applicable in whole
Counterintelligence Program	
Approved: 12/10/04	
DOE O 483.1B CRD	CRD applicable in
DOE Cooperative Research and Development Agreements	part
Approved: 12/20/16	
DOE O 484.1 Admin Chg 2 CRD	CRD applicable in whole
Reimbursable Work for the Department of Homeland Security	
Approved: 08/17/06	
Admin Chg 2: 06/30/14 Certified Date: 01/15/15	
DOE O 522.1 CRD Designs of Departmental Materials and Services	CRD applicable in whole
Pricing of Departmental Materials and Services Approved: 11/03/04	
DOE O 534.1B CRD	CPD applicable in whole
Accounting	CRD applicable in whole
Approved:	
* *	CPD applicable in whole
DOE O 551.1D Chg 2 (Minor Revision) CRD Official Foreign Travel	CRD applicable in whole
Approved: 04/02/12	
Chg 2 (Minor Revision): $08/09/16$	