

ATTACHMENT J.9

APPENDIX I

DOE DIRECTIVES/LIST B

Applicable to the Operation of
Ernest Orlando Lawrence Berkeley National Laboratory

Contract No. DE-AC02-05CH11231

DOE Directives	Effective Date
DOE O 130.1 Budget Formulation	6/1/2005
DOE O 142.3A Unclassified Foreign Visits and Assignments Program	3/7/2011
DOE O 150.1A Continuity Programs, Attachment 1 Contractor Requirements Document	7/3/2014
DOE O 151.1C Comprehensive Emergency Management System, Attachment 2, Contractor Requirements Document	3/28/2007
DOE O 200.1A Information Technology Management, Attachment 1, Contractor Requirements Document, Sections 1, 2, 4, and 5 only	4/3/2009
DOE O 205.1B Chg 3 Department of Energy Cyber Security Management	7/3/2014
DOE O 206.1 Department of Energy Privacy Program (See Appendix P for Advanced Understanding regarding Implementation)	1/15/2014
DOE O 206.2 Identity, Credential, and Access Management (ICAM)	6/3/2013
DOE O 210.2A DOE Corporate Operating Experience Program, Attachment 1, Contractor Requirements Document	12/2/2011
DOE O 221.1A Reporting Fraud, Waste, and Abuse To The Office of Inspector General	5/7/2008
DOE O 221.2A Cooperation With The Office of Inspector General (See Appendix P for Advanced Understanding regarding Implementation)	3/7/2011
DOE O 225.1B Accident Investigations (Cooperation with DOE investigation only)	12/2/2011
DOE O 227.1 Independent Oversight Program	04/20/2012
DOE O 231.1B Admin Chg 1 Environment, Safety and Health Reporting	7/3/2014
DOE O 232.2 Admin Chg 1 Occurrence Reporting and Processing of Operations Information	7/3/2014
DOE O 241.1B Scientific and Technical Information Management	12/2/2011
DOE O 243.1B Admin Chg 1 Records Management Program, Attachment 2, Contractor Requirements Document	7/3/2014
DOE O 252.1A Admin Chg 1 Technical Standards Program	7/3/2014
DOE O 350.2B Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C. Area	12/2/2011
DOE O 410.2, Admin Chg 1, Management of Nuclear Materials, Attachment 1, Contractor Requirements Document. Date for full implementation of requirements is 10/2/2017.	10/2/2016
DOE O 413.1B Internal Control Program	10/28/2008
DOE O 413.2C Laboratory Directed Research and Development	12/17/2015
DOE O 413.3B Program and Project Management for the Acquisition of Capital Assets	3/7/2011
DOE O 414.1D Admin Chg.1 Quality Assurance	6/3/2013
DOE O 415.1 Admin Chg. 1 Information Technology Project Management, Attachment 1, Contractor Requirements Document	6/3/2013
DOE O 420.1C Facility Safety, Attachment 2, Contractor Requirements Document, Chapter II (Fire Protection) and Chapter IV (Natural Phenomena Hazards Mitigation)	8/13/2013
DOE O 420.2C Safety of Accelerator Facilities, Paragraph 3C- Exemptions/Equivalencies, and Contractor Requirements Document	12/2/2011
DOE O 430.1B Chg. 2 Real Property Asset Management	6/1/2005
DOE O 435.1 Chg 1, Radioactive Waste Management, Attachment 1, Contractor Requirements Document	12/2/2011

DOE M 435.1-1 Admin Chg 2, Radioactive Waste Management Manual, applicable chapters and sections listed below: Chapter I- General Requirements and Responsibilities: All sections except that DOE orders incorporated by reference are applicable only to the extent they were adopted site-wide in the Berkeley Lab Necessary and Sufficient Set of standards. Chapter III - Transuranic Waste Requirements sections: A, B, D except for (4) relative to disposal facility requirements, F, G, H, I, (J, K, O, and P only when an off-site option for Berkeley Lab TRU waste has been identified by DOE and the off-site facility has established a WAC applicable to Berkeley Lab), L, N(1), N(2), N(3), Q(1), and Q(2) except that ventilation exhaust monitoring is limited to MW6 and MW7 as specified in the HWHF SAD Chapter IV - Low Level Waste Requirements sections: A; B; D; F; G except for 1(d) relative to disposal facility requirements; H; I; J; K; L; M; N except for N(2) storage limit; O; and R(1) except that ventilation exhaust monitoring is limited to MW6 and MW7 as specified in the HWHF SAD	12/2/2011
DOE O 436.1 Departmental Sustainability	9/12/2012
DOE O 440.2C Admin Chg 1, Aviation Management and Safety, Contractor Requirements Document	9/12/2012
DOE O 442.1A Department of Energy Employee Concerns Program, Attachment 1, Contractor Requirements	3/28/2007
DOE O 442.2 Differing Professional Opinions for Technical Issues involving Environment, Safety, and Health Technical Concerns	6/3/2013
DOE O 443.1B Protection of Human Subjects, Attachment 1, Contractor Requirements Document	9/12/2012
DOE O 456.1 The Safe Handling of Unbound Engineered Nanoparticles	12/2/2011
DOE O 458.1 Admin Chg 3, Radiation Protection of the Public and Environment	7/3/2014
DOE O 460.1C - Packaging and Transportation Safety, Attachment 1, Contractor Requirements Document sections:1, 2, 3, and 6.b	9/12/2012
DOE O 470.4B Admin Chg 1 Safeguards and Security Program, Attachment 1 Contractor Requirements	7/3/2014
DOE O 470.5, Insider Threat Program, Attachment 1, Contractor Requirements Document. Date for full implementation of requirements is 10/2/2017.	10/2/2016
DOE O 471.3 Admin Chg 1, Identifying and Protecting Official Use Only Information, Contractor Requirements Document	12/2/2014
DOE M 471.3-1 Admin Chg , Manual for Identifying and Protecting Official Use Only Information Contractor Requirements Document	12/2/2014
DOE O 472.2, Chg 1, Personnel Security, Attachment 1, Contractor Requirements Document. Date for full implementation of requirements is 10/2/2017.	10/2/2016
DOE O 473.3 Protection Program Operations	9/12/2012
DOE O 474.2 Admin Chg 2, Nuclear Material Control and Accountability, Attachment 1 Contractor Requirements Document	7/3/2014
DOE O 475.1 Counterintelligence Program (Sections 3a; 3b(1), (3), (7), (8), (17-21); 3d and 4)	6/1/2005
DOE O 483.1A DOE Cooperative Research and Developments Agreements	7/3/2014
DOE O 484.1 Admin Chg 2, Reimbursable Work for the Department of Homeland Security	12/2/2014
DOE O 522.1 Pricing of Departmental Materials and Services (See Appendix P for Advanced Understanding regarding Implementation)	12/2/2011
DOE O 534.1B Accounting	6/1/2005
DOE O 551.1D Chg 1 (PgChg), Official Foreign Travel	12/17/2015
DOE O 580.1A Admin Chg 1 Department of Energy Personal Property Management Program	7/3/2014
DOE O 1450.4 Consensual Listening-In to or Recording Telephone/Radio Conversations	12/23/2009

Environment, Safety and Health Standard Set for LBNL (reference only)
42 USC, Chapter 82, 6901 et seq., Resource Conservation and Recovery Act (RCRA), as amended
10 CFR 71, Subparts D,E,F, (71.31 - 71.77),Transportation of radioactive materials-package approval
10 CFR 20, Subpart K, Section 20, 2005, Disposal of Specific Wastes
10 CFR 20, Subpart K, Section 20, 2003, Disposal by Release into Sanitary Sewerage
10 CFR 708, DOE Contractor Employee Protection Program
10 CFR 745, DOE, Protection of Human Subjects
10 CFR 820, Procedural Rules for Department of Energy Nuclear Activities
10 CFR 830, Nuclear Safety Management
10 CFR 835, Occupational Radiation Protection
10 CFR 850, Chronic Beryllium Disease Prevention Program
10 CFR 851, Worker Safety and Health Program, including standards incorporated by reference in 10 CFR 851.23 and 10 CFR 851.27
10 CFR 1008, Records Maintained on Individuals (Privacy Act)
10 CFR 1021, National Environmental Policy Act Implementing Procedures
10 CFR 1022, Compliance with Floodplain/Wetlands Environmental Review Requirements
40 CFR 61,NESHAPs, applicable subparts
40 CFR 260 - 279, Hazardous Waste