

**U.S. DEPARTMENT OF ENERGY  
CARLSBAD FIELD OFFICE**

**SAFETY MANAGEMENT FUNCTIONS,  
RESPONSIBILITIES AND AUTHORITIES MANUAL**



**DOE/CBFO 09-3441  
REVISION 2**

**This document supersedes DOE/CBFO 09-3441, Revision 1.**



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## ACRONYMS AND ABBREVIATIONS

AB	authorization basis
CBFO	Carlsbad Field Office
CFR	Code of Federal Regulations
CH	contact-handled
DEAR	Department of Energy Acquisition Regulation
DNFSB	Defense Nuclear Facilities Safety Board
DOE	U. S. Department of Energy
DSA	Documented Safety Analysis
EM	Office of Environmental Management
EPA	U. S. Environmental Protection Agency
ES&H	Environment, safety, and health
FAR	Federal Acquisition Regulations
FEOSH	Federal Employees Occupational Safety and Health Program
FPD	Federal Project Director
FRA	Safety Management Functions, Responsibilities, and Authorities (document)
FRAM	Safety Management Functions, Responsibilities and Authorities Manual
IEP	Integrated Evaluation Plan
ISM	Integrated Safety Management
ISMS	Integrated Safety Management System
M&O	management and operating
NEPA	National Environmental Policy Act
NRC	Nuclear Regulatory Commission
O	Order
OESH	Office of Environment, Safety & Health
ONTP	Office of the National TRU Program
OOB	Office of Business
OOM	Office of the Manager
OQA	Office of Quality Assurance
OSHA	Occupational Safety and Health Administration
OSIP	Office of Science and International Programs
OSO	Office of Site Operations
QAPD	Quality Assurance Program Document
QA	quality assurance
RCRA	Resource Conservation and Recovery Act
RH	remote-handled
S/RID	Standards/Requirements Identification Document
SSC	systems, structures, and components
SSO	Safety system oversight

**ACRONYMS AND ABBREVIATIONS, cont'd**

STA	Senior Technical Advisor
STD	Standard
STSM	Senior Technical Safety Manager
TRU	transuranic
WIPP	Waste Isolation Pilot Plant

## **1.0 INTRODUCTION**

The U.S. Department of Energy (DOE) Carlsbad Field Office (CBFO) is committed to implementing an Integrated Safety Management System (ISMS) that is designed to protect the safety of the workers, the public, and the environment. The DOE owns and oversees the operation of the Waste Isolation Pilot Plant (WIPP), a deep geologic repository for transuranic (TRU) waste generated by atomic energy defense activities.

### **1.1 Purpose**

The CBFO Safety Management Functions, Responsibilities and Authorities Manual (FRAM) is a consolidated document that describes direct lines of responsibility and authority for CBFO safety management functions consistent with DOE Order (O) 450.2, *Integrated Safety Management*, and the DOE Office of Environmental Management (EM) *Safety Management Functions, Responsibilities, and Authorities* (FRA) document. The provisions of this manual apply to all CBFO organizational elements and reflect the organization as approved by DOE Headquarters.

### **1.2 Mission of the Carlsbad Field Office**

The mission of the CBFO is to provide safe, compliant, and efficient characterization, transportation, and disposal of defense TRU waste. This includes planning and coordinating TRU waste activities related to characterization, treatment, measurement, packaging, and transport of TRU waste at the generator sites. The CBFO also manages the TRU waste transportation program and TRU waste disposal operations at the WIPP.

## **2.0 GENERAL RESPONSIBILITIES**

### **2.1 Safety Management**

The general administrative responsibilities within CBFO related to safety management are described in this section. Each CBFO office has been assigned specific oversight functions of the operational aspects of environment, safety, and health; safeguards and security; cyber security; and emergency management as described in DOE O 226.1B, *Implementation of Department of Energy Oversight Policy*. Specific responsibilities and levels of authority for individual functions of the Office of the Manager (OOM), the Office of Quality Assurance (OQA), the Office of Site Operations (OSO), the Office of Environment, Safety & Health (OESH), the Office of the National TRU Program (ONTP), the Office of Science and International Programs (OSIP), and the Office of Business (OOB) related to safety management are presented in the attachment to this manual.

### **2.2 Delegation of Nuclear Safety and Safety Authorities**

Nuclear safety and safety-related authorities for CBFO are delegated to specific qualified individuals by the Office of the Assistant Secretary for Environmental Management (EM-1/EM-2 or Acting Official). These designated authorities assigned through DOE Directives are established to ensure objective and consistent decision-making by appropriate levels of line management. Decisions and associated actions must be consistent with EM organization policy and goals. Unless otherwise specified in the delegation documents, further delegation of some of these authorities may not be re-delegated below the Deputy Manager without prior approval from the Senior Advisor for Environmental Management. Specific responsibilities for

implementation of DOE Directives to comply with these delegation documents are designated in the attachment to this manual.

### **3.0 THE OFFICE OF THE MANAGER**

The OOM consists of the following safety-related positions: CBFO Manager and Deputy Manager. The primary mission of the OOM is to protect human health and the environment by operating the WIPP program in a manner that results in the safe disposal of defense TRU waste and to establish an effective system for the management of TRU waste from characterization to disposal.

Functions:

- Manage the operations of the WIPP and the National TRU Program through a contract issued under the requirements of the Federal Acquisition Regulations (FAR) and Department of Energy Acquisition Regulations (DEAR).
- Develop and provide expert technical and scientific advice on packaging, characterization, confirmation, transportation, and disposal of TRU waste.
- Implement an effective Authorization Basis (AB) program and coordinate all related AB activities.
- Provide continuous staff liaison on programmatic issues affecting CBFO staff.
- Provide legal support concerning procedures, laws, and regulations pertaining to CBFO functions.
- Lead the establishment of an integrated, streamlined regulatory framework for contact-handled (CH) and remote-handled (RH) waste receipt, handling, and disposal.
- Ensure worker safety and health programs are executed in a manner compliant with the requirements of the Occupational Safety and Health Administration (OSHA) and Title 10 Code of Federal Regulations (CFR) 851, Worker Safety and Health Programs.
- Establish and ensure adequate implementation of an effective Integrated Safety Management System (ISMS).
- Establish and ensure adequate implementation of the CBFO Quality Assurance (QA) Program described in the *CBFO Quality Assurance Program Document (QAPD)*.
- Implement and coordinate all activities related to public outreach and communication activities.
- Ensure CBFO staff is qualified in accordance with the Technical Qualification Program and project management requirements.
- Ensure adequate implementation of the Emergency Preparedness Program.

#### **3.1 CBFO Manager**

The CBFO Manager directs CBFO activities to effectively and efficiently implement DOE and CBFO missions and safety expectations. The CBFO Manager reports to the Assistant Secretary for Environmental Management (EM-1/EM-2 or Acting Official).

The CBFO Manager shall qualify as a Senior Technical Safety Manager (STSM). The CBFO Manager's safety authorities are delegated by the Office of the Assistant Secretary for

Environmental Management (EM-1/EM-2 or Acting Official) on an annual basis. The CBFO Manager has the responsibility to assure establishment of an effective oversight program consistent with the requirements of DOE O 226.1B.

### **3.2 CBFO Deputy Manager**

The CBFO Deputy Manager reports directly to the CBFO Manager and serves as the CBFO Chief Operating Officer in administering the daily activities of the CBFO and the WIPP. The Deputy Manager has specific senior management oversight responsibility to ensure that the offices of the CBFO are performing in a manner that meets the DOE and WIPP missions. The Deputy Manager shall qualify as an STSM.

## **4.0 OFFICE DIRECTORS**

The CBFO Office Directors for the OSO, OESH, ONTP, OOB, OQA, and OSIP develop, review, direct, and administer programs, functions, and policies under their purview to meet CBFO mission requirements. The Office Directors also:

- Ensure that products and activities are consistent with stated CBFO mission, policies, procedures, and contracts.
- Establish, apply, and implement policies within functional areas of responsibility where no DOE policy exists.
- Provide executive leadership and management direction to the personnel of the offices they direct.
- Serve as supervisors for subordinates.
- Select, train, assign, direct, and develop employees in accordance with pertinent policies and procedures.
- As designated by the Manager, serve as CBFO spokespersons when addressing contractor management, DOE Headquarters, independent oversight boards, regulators, the media, and the public.
- Obtain resources and administrative support for subordinate organizational units.
- Ensure that a strong quality and nuclear safety culture is integrated fully into the day-to-day activities of CBFO employees, and demonstrate a commitment to the highest standards of quality and safety, health, and environmental protection.
- Support and participate in management programs and practices, such as performance-based management, employee concerns, quality improvement plans, affirmative action, and equal employment opportunity.
- Support the prevention of waste, fraud, and abuse.

### **4.1 Office of Site Operations**

The mission of the OSO is to ensure the WIPP site and mining, waste handling, and disposal operations are managed and conducted in a safe and compliant manner while protecting workers, the public, and the environment. The OSO Director is the lead CBFO line manager for oversight of the WIPP site under the requirements of DOE O 226.1B, and shall qualify as an STSM. OSO technical staff shall be qualified through the CBFO Technical Qualification Program. The OSO Director is responsible to act as the Facility Representative Program

Sponsor and to implement the Facility Representative Program (described in section 4.1.1), and to implement the Safety System Oversight (SSO) Program that focuses on oversight of specific systems, structures, and components (SSCs) depicted in the CBFO/WIPP Documented Safety Analyses (DSA). The OSO is responsible for oversight of the following safety management chapters in the DSA:

- Chapter 10, Initial Testing, In-Service Surveillance, and Maintenance
- Chapter 11, Occupational Safety (with the exception of Fire Protection)
- Chapter 12, Procedures and Training
- Chapter 13, Human Factors
- Chapter 16, Provisions for Decontamination and Decommissioning

#### 4.1.1 Facility Representatives

The WIPP is a Category 2 non-reactor nuclear facility and has a formal facility representative program in accordance with DOE Standard (STD) 1063-2011, *Facility Representatives*. The Work Control/Facility Representative Manager (Work Control/FR Manager) supervises the day-to-day activities of the Facility Representatives, provides direct specific oversight of the adequacy and implementation of the WIPP management and operating (M&O) contractor's work control program, and reports to the OSO Director. The Work Control/FR Manager is also the CBFO primary point of contact for the Defense Nuclear Facilities Safety Board (DNFSB). Facility representatives have independent, unencumbered, and direct access to contractor personnel, facilities, and records to carry out their assigned responsibilities.

Facility representatives perform safety-related oversight to ensure the following:

- Contractors operate and manage facilities and transportation activities safely and efficiently, consistent with established safety expectations and requirements.
- Contractor management systems effectively control conduct of operations and implement Integrated Safety Management (ISM) objectives, principles, and functions.
- DOE line/program managers and contractor management are informed of operational performance.
- Effective lines of communication between DOE and the M&O contractor are maintained during periods of normal operation and following reportable events, in accordance with DOE Orders and requirements.
- Clear lines of communication are maintained with the CBFO Manager, CBFO Deputy Manager, and Office Directors to provide assurance of compliance and issues management and resolution.

#### 4.1.2 Safety Systems Oversight Program

The CBFO SSO program is structured in accordance with the requirements of DOE O 426.1, *Federal Technical Capability*.

CBFO SSO staff is assigned to perform operational awareness activities of the WIPP site safety systems. Multiple systems can be assigned to one staff member. The SSO duties are handled as part of the regular work routine since the assigned staff members have shared duties in addition to their SSO assignments.

All CBFO staff assigned SSO responsibilities is required to have a working knowledge of assigned systems, the M&O contractor's cognizant system engineer programs, and safety program management principles as described in DOE O 420.1B, *Facility Safety*.

SSO personnel perform safety-related oversight activities to ensure safety-related systems perform as required by the facility safety basis and other applicable requirements. Activities may include:

- Monitoring performance of safety systems.
- Evaluating effectiveness of the M&O Contractor Cognizant Engineer Program in ensuring safety systems are effectively designed, implemented, and maintained.
- Performing assessments to ensure that safety systems meet established safety and mission requirements.

#### **4.2 Office of the National TRU Program**

The mission of the ONTP is to ensure that TRU waste characterization and transportation programs are developed, certified, and implemented in a safe, efficient, and compliant manner so that waste can be shipped between DOE sites and to the WIPP site for disposal. The ONTP Director and staff are not required to participate in the Technical Qualification Program, but are responsible for implementing the elements of ISM in their work.

#### **4.3 Office of Environment, Safety and Health**

The mission of the OESH is to serve the CBFO as the central organization responsible for the safety and health of the worker, the public, and the environment by management and oversight of permitting and compliance-related activities of the WIPP project and the National TRU Program. The OESH accomplishes this mission by coordinating and integrating compliant safety programs that include nuclear safety management, authorization basis, industrial health, radiation protection, industrial/occupational safety, emergency management functions, and fire protection. The OESH Director is also responsible for oversight of the WIPP site's environmental, health, and safety functions under the requirements of DOE O 226.1B, including coordination of activities described in DOE/CBFO 04-3299, *CBFO Contractor Oversight Plan*, and the Integrated Evaluation Plan (IEP). Selected personnel having the safety management functions and responsibilities in this office are required to participate in the CBFO Technical Qualification Program, and all personnel are responsible for ISM in their work.

The OESH is responsible for oversight of the following safety management programs described in the DSA:

- Chapter 6, Criticality Safety
- Chapter 7, Radiation Protection Program
- Chapter 8, Hazardous Material Program
- Chapter 9, Radioactive and Hazardous Waste Management Program
- Chapter 11, Operational Safety Programs (Fire Protection and Fire Hazards)
- Chapter 15, Emergency Preparedness and Management Program

#### **4.4 Office of Business**

The mission of the OOB is to provide planning, budget, procurement, contracts, human resources, and information management support necessary to achieve the CBFO mission. The OOB is also responsible for oversight of safeguards, security, and cyber security. The OOB Director and staff are not required to participate in the Technical Qualification Program, but are responsible for implementing the elements of ISM in their work.

#### **4.5 Office of Quality Assurance**

The mission of the OQA is to maintain the WIPP QA Program to support WIPP compliance with environmental, safety, and health-related regulatory requirements. The OQA Director has the programmatic responsibility and lead for managing the WIPP QA Program, reports to the CBFO OOM, and has direct access to the CBFO Manager and the Deputy Manager regarding QA matters. The OQA Director performs independent oversight of WIPP participants to verify that the WIPP QA Program requirements are understood and implemented, and has the responsibilities and authorities of the CBFO QA Manager as described in Appendix D of the CBFO QAPD. The OQA Director is the interpretive authority for the CBFO QAPD. In addition, the OQA Director is responsible for oversight of the WIPP site's issues management program in accordance with the requirements of DOE O 226.1B. All technical personnel in this office are required to participate in the CBFO Technical Qualification Program. This office is responsible for the oversight of the safety management program as described in DSA Chapter 14, Quality Assurance Programs.

#### **4.6 Office of Science and International Programs**

The mission of the OSIP is to focus on science activities to advance safe and efficient waste technology and support innovative underground experiments that promote the DOE EM mission and international cooperation. This includes leading research and development activities with international, national, state, and academic institutions to identify improvements to radioactive and hazardous waste activities. The OSIP Director and staff are not required to participate in the Technical Qualification Program, but are responsible for implementing the elements of ISM in their work.

### **5.0 INTEGRATED SAFETY MANAGEMENT**

The CBFO provides an effective foundation to meet the programmatic expectations portrayed in DOE Policy 450.4 and related manuals, DEAR clauses and guidance documents. A major element in the WIPP ISM program is the contractor oversight provided by the CBFO. The CBFO Contractor Oversight Program is described in DOE/CBFO 04-3299, *CBFO Contractor Oversight Plan*, which provides the oversight model used by CBFO and defines the IEP methodology.

### **6.0 FEDERAL EMPLOYEE OCCUPATIONAL SAFETY AND HEALTH**

The CBFO Federal Employee Occupational Safety and Health (FEOSH) Program establishes the requirements for the protection of CBFO personnel from hazards that could cause injury, illness, death, or loss of property. The FEOSH program applies to all DOE employees located at WIPP facilities (including the WIPP site, the Skeen-Whitlock Building, and contractor facilities)

and to CBFO personnel on official travel. Ensuring the safety and health of employees during all work-related activities is the shared responsibility of every CBFO staff member.

## **7.0 ORGANIZATIONAL FUNCTIONS AND RESPONSIBILITIES FOR SAFETY**

DOE organizational units are assigned primary functions as described in various elements of applicable public laws, federal regulations, DOE Directives (Policies, Orders, Manuals, Notices, Guides, and Standards), and CBFO documents. The CBFO Office of the Manager will assign responsibilities that are not clearly defined in this manual.

Specific responsibility and authority for implementation and/or oversight of specific DOE Directives are designated in the following attachment, FRAM Implementation Responsibilities Matrix. Where more than one CBFO office is listed, the first office listed has primary responsibility.

<b>ATTACHMENT FRAM IMPLEMENTATION RESPONSIBILITIES MATRIX</b>			
<b>Directive No.</b>	<b>Directive Title</b>	<b>Responsible CBFO Org</b>	<b>Contractor Requirements Document (CRD)?</b>
DOE O 100.1	Secretarial Succession, Threat Level Notification, and Successor Tracking	N/A	No
DOE O 130.1	Budget Formulation	OOB	Yes
DOE O 135.1	Budget Execution Funds Distribution and Control	OOB	No
DOE O 137.1	Plan for Operating in the Event of a Lapse in Appropriations	OESH	No
DOE O 142.2	Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA	N/A	N/A
DOE O 142.3	Unclassified Foreign Visits and Assignments Program	OOB	Yes
DOE O 142.4	International Commitments Management	N/A	N/A
DOE O 142.5	Committee on Foreign Investment in the United States	N/A	N/A
DOE O 143.1	Payments in Lieu of Taxes	N/A	N/A
DOE O 144.1	DOE American Indian Tribal Government Interactions and Policy	ONTP	Yes
DOE O 150.1	Continuity Programs	OESH	Yes
DOE O 151.1	Comprehensive Emergency Management System	OESH	Yes
DOE O 153.1	Departmental Radiological Emergency Response Assets	OESH	Yes
DOE O 200.1	Information Technology Management	OOB	Yes
DOE O 200.2	Information Collection Management Program	N/A	N/A
DOE O 203.1	Limited Personal Use of Government Office Equipment Including Information Technology	OOB	No <sup>1</sup>
DOE O 205.1	Department of Energy Cyber Security Program	OOB	Yes
DOE O 206.1	Department of Energy Privacy Program	OOB	Yes

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<b>ATTACHMENT</b>			
<b>FRAM IMPLEMENTATION RESPONSIBILITIES MATRIX</b>			
<b>Directive No.</b>	<b>Directive Title</b>	<b>Responsible CBFO Org</b>	<b>Contractor Requirements Document (CRD)?</b>
DOE O 210.2	DOE Corporate Operating Experience Program	OESH	Yes
DOE O 221.1	Reporting Fraud, Waste and Abuse to the Office of Inspector General	OOB	Yes
DOE O 221.2	Cooperation with the Office of Inspector General	OOB	Yes
DOE O 221.3	Establishment of Management Decisions on Office of Inspector General Reports	OOB	No
DOE O 224.2	Auditing of Programs and Operations	OOB	No
DOE O 224.3	Audit Resolution and Follow-Up Program	OOB	No
DOE O 225.1	Accident Investigations	OSO	Yes
DOE O 226.1	Implementation of Department of Energy Oversight Policy	OESH	Yes
DOE O 227.1	Independent Oversight Program	OOB OESH OSO	Yes
DOE O 231.1	Environment, Safety and Health Reporting	OESH	Yes
DOE O 232.2	Occurrence Reporting and Processing of Operations Information	OSO	Yes
DOE O 241.1	Scientific and Technical Information Management	OOB	Yes
DOE O 243.1	Records Management Program	OOB	Yes
DOE O 243.2	Vital Records	OOB	Yes
DOE O 251.1	Departmental Directives Program	OESH	No
DOE O 252.1	Technical Standards Program	OESH OSO OOB	Yes
DOE O 311.1	Equal Employment Opportunity and Diversity Program	OOB	No

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Directive No.	Directive Title	Responsible CBFO Org	Contractor Requirements Document (CRD)?
DOE O 313.1	Management and Funding of the Department's Overseas Presence	N/A	Yes
DOE O 320.1	Acquiring and Positioning Human Resources	OOB	No
DOE O 321.1	Employment of Experts and Consultants	OOB	No
DOE O 322.1	Pay and Leave Administration and Hours of Duty	OOB	No
DOE O 323.1	Garnishment of Federal Employees' Pay	OOB	No
DOE O 326.1	Confidential Financial Disclosure Reports	OOM	No
DOE O 327.1	Furlough or Reduction in Force in the Senior Executive Service	N/A	No
DOE O 328.1	Human Capital Management Accountability Program	OOB	No
DOE O 331.1	Employee Performance Management and Recognition Program	OOB	No
DOE O 341.1	Federal Employee Health Services	OOB	Yes
DOE O 342.1	Grievance Policy and Procedures	OOB	No
DOE O 350.1	Contractor Human Resource Management Programs	OOB	Yes
DOE O 350.2	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C. Area	OOB	Yes
DOE O 360.1	Federal Employee Training	OOB	No
DOE O 361.1	Acquisition Career Management Program	OOB	No
DOE O 410.1	Central Technical Authority Responsibilities Regarding Nuclear Safety Requirements	OESH	No
DOE O 410.2	Management of Nuclear Materials	N/A	Yes
DOE O 412.1	Work Authorization System	OSO	No <sup>1</sup>
DOE O 413.1	Internal Control Program	OOB	Yes

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<b>Directive No.</b>	<b>Directive Title</b>	<b>Responsible CBFO Org</b>	<b>Contractor Requirements Document (CRD)?</b>
DOE O 413.2	Laboratory Directed Research and Development	N/A	Yes
DOE O 413.3	Program and Project Management for the Acquisition of Capital Assets	OOB OOM	Yes
DOE O 414.1	Quality Assurance	OQA	Yes
DOE O 420.1	Facility Safety	OSO OESH	Yes
DOE O 420.2	Safety of Accelerator Facilities	N/A	N/A
DOE O 422.1	Conduct of Operations	OSO	Yes
DOE O 425.1	Verification of Readiness to Start Up or Restart Nuclear Facilities	OSO	Yes
DOE O 426.1	Federal Technical Capability	OESH OSO	No
DOE O 426.2	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities	OOB	Yes
DOE O 430.1	Real Property and Asset Management	OOB OSO	Yes
DOE O 433.1	Maintenance Management Program for DOE Nuclear Facilities	OSO	Yes
DOE O 435.1	Radioactive Waste Management	ONTP OSO	Yes
DOE O 436.1	Departmental Sustainability	OESH OSO	Yes
DOE O 440.1	Worker Protection Program for DOE	OESH	No
DOE O 442.1	Department of Energy Employee Concerns Program	OOB	Yes
DOE O 442.2	Differing Professional Opinions for Technical Issues Involving Environment, Safety and Health	OESH	Yes

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<b>Directive No.</b>	<b>Directive Title</b>	<b>Responsible CBFO Org</b>	<b>Contractor Requirements Document (CRD)?</b>
DOE O 443.1	Protection of Human Research Subjects	N/A	N/A
DOE O 450.2	Integrated Safety Management	OESH	No <sup>2</sup>
DOE O 451.1	National Environmental Policy Act Compliance Program	OESH	No
DOE O 452.1	Nuclear Explosive and Weapon Surety Program	N/A	N/A
DOE O 452.2	Nuclear Explosive Safety	N/A	N/A
DOE O 452.3	Management of the DOE Nuclear Weapons Complex	N/A	N/A
DOE O 452.4	Security and Use Control of Nuclear Explosives and Nuclear Weapons	N/A	N/A
DOE O 452.6	Nuclear Weapon Surety Interface with the Department of Defense	N/A	N/A
DOE O 452.7	Protection of Use Control Vulnerabilities and Designs	N/A	N/A
DOE O 452.8	Control of Nuclear Weapon Data	N/A	N/A
DOE O 456.1	The Safe Handling of Unbound Engineered Nanoparticles	N/A	N/A
DOE O 457.1	Nuclear Counterterrorism	OOB	Yes
DOE O 458.1	Radiation Protection of the Public and the Environment	OESH	Yes
DOE O 460.1	Packaging and Transportation Safety	ONTP OSO	Yes
DOE O 460.2	Departmental Materials Transportation and Packaging Management	ONTP OSO	Yes
DOE O 461.1	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest	N/A	N/A
DOE O 461.2	Onsite Packaging and Transfer of Materials of National Security Interest	N/A	N/A
DOE O 462.1	Import and Export of Category 1 and 2 Radioactive Sources and Aggregated Quantities	N/A	N/A

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<b>Directive No.</b>	<b>Directive Title</b>	<b>Responsible CBFO Org</b>	<b>Contractor Requirements Document (CRD)?</b>
DOE O 470.3	Graded Security Protection (GSP) Policy	OOB	Yes
DOE O 470.4	Safeguards and Security Program	OOB	Yes
DOE O 471.1	Identification and Protection of Unclassified Controlled Nuclear Information	OOB	Yes
DOE O 471.3	Identifying and Protecting Official Use Only Information	OOB	Yes
DOE O 471.5	Special Access Programs	N/A	N/A
DOE O 471.6	Information Security	OOB	Yes
DOE O 472.2	Personnel Security	OOB	Yes
DOE O 473.3	Protection Program Operations	OOB	Yes
DOE O 474.2	Nuclear Material Control and Accountability	N/A	Yes
DOE O 475.1	Counterintelligence Program	OOB	Yes
DOE O 475.2	Identifying Classified information	OOB	Yes
DOE O 481.1	Work for Others	OOB	No
DOE O 483.1	DOE Cooperative Research and Development Agreements	OSIP	Yes
DOE O 484.1	Reimbursable Work for the Department of Homeland Security	OOB	Yes
DOE O 520.1	Chief Financial Officer Responsibilities	OOB	No
DOE O 522.1	Pricing of Departmental Materials and Services	OOB	Yes
DOE O 523.1	Financial Management Oversight	OOB	No
DOE O 533.1	Collection from Current and Former Employees for Indebtedness to the United States	OOB	No
DOE O 534.1	Accounting	OOB	Yes
DOE O 541.1	Appointment of Contracting Officers and Contracting Officer Representatives	OOB	No

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<b>FRAM IMPLEMENTATION RESPONSIBILITIES MATRIX</b>			
<b>Directive No.</b>	<b>Directive Title</b>	<b>Responsible CBFO Org</b>	<b>Contractor Requirements Document (CRD)?</b>
DOE O 542.2	Unsolicited Proposals	OOB	No
DOE O 544.1	Priorities and Allocations Program	OOB	No <sup>2</sup>
DOE O 551.1	Official Foreign Travel	OOB	Yes
DOE O 552.1	Travel Policy and Procedures	OOB	No
DOE O 580.1	Department of Energy Personal Property Management Program	OOB	Yes
DOE O 2340.1C	Coordination of General Accounting Office Activities	OOB	No
DOE O 3731.1	Suitability, Position Sensitivity Designations, and Related Personnel Matters	OOB	No
DOE O 3750.1	Work Force Discipline	OOB	No
DOE O 3792.3	Drug-Free Federal Workplace Testing Implementation Program	OOB	No <sup>1</sup>
DOE O 5480.30	Nuclear Reactor Safety Design Criteria	N/A	N/A
DOE O 5639.8	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities	OOB	No
DOE O 5670.1	Management and Control of Foreign Intelligence	OOB	No

1. Although there is no CRD associated with this Directive, it contains requirements applicable to the contractor.
2. This order is not applicable to DOE contractors. Contractor requirements are implemented through one or more Department of Energy Acquisition Regulations (DEAR) or Federal Acquisition Regulations (FAR).