

OFFICE OF THE DIRECTOR OF FACILITY SAFETY

DIRECTOR OF FACILITY SAFETY

Mission

Ensure that effective safety policies and procedures guide the operations of the Department of Energy (DOE) Facilities.

Functions

1. Establishes nuclear and facility safety requirements through the development and maintenance of clear and integrated policies, guidance, and standards including regulations on nuclear safety management in Part 830.
2. Establishes programs, policies, and standards that assures protection of the Department's Federal and contractor personnel from occupational injury and illness and assures safety of facility design and operations..
3. Provides assistance to line management in implementing the Department's policies.
4. Evaluates the effectiveness of policies and requirements in accomplishing the Department's goals and makes adjustments and improvements based on feedback from line management.
5. Develops Departmental policies, guidance and implementing strategies related to the specialized safety disciplines of nuclear safety, facility, design, health physics, industrial hygiene, fire protection, electrical safety, high explosives, firearms safety, pressure safety, and chemical safety.
6. Develops policies and standards for safety management programs such as facility maintenance, personnel training, and conduct of operations.
7. Establishes policy and guidance and evaluates risk assessment processes in DOE regarding workers safety.
8. Serves as the primary interface with the Defense Nuclear Facilities Safety Board (DNFSB) for crosscutting Departmental issues.
9. Performs appraisals related to critical issues of immediate interest to DOE senior management. This includes conducting event reviews, Operational Readiness Reviews, Operational Event Investigations, Accident Investigations, and Safety Allegation Investigations.
10. Provides corporate technical assistance and support to line management in Headquarters and field organizations on an as-requested basis. This includes support in areas such as Accident Investigation Training, criticality safety program technical advice, support to the Energy System Advisory Board and the Homeland Safety and Security Program.
11. Evaluates corporate issues to determine root cause or identify systemic problems and makes recommendations for programmatic or human performance improvements.
12. Interfaces with national and international external safety and health regulators, with DOE program and field elements, and with industry groups on matters related to facility operations safety.

OFFICE OF THE DEPUTY ASSISTANT SECRETARY FOR FACILITY SAFETY

OFFICE OF DEPUTY FACILITY AUTHORIZATION BASES

Mission

Conduct technical reviews of the status and effectiveness of the Department's authorization bases to ensure adequate protection of the public health and safety, workers, and the environment in the use of nuclear and other hazardous materials at the Department of Energy (DOE) sites.

Functions

1. Reviews and evaluates facility safety documentation (e.g., safety analysis report, basis for interim operation, technical safety requirements report, operational safety requirements report, and hazard/accident analysis report) and hazard, accident, consequence, and risk analysis in environmental documentation such as environmental assessments and environmental impact statements.
2. Monitors the effectiveness of maintaining current authorization bases to reflect changing facility life-cycle status or missions and associated hazards. This includes facilities in transition, deactivation, extended shutdown or decommissioning.
3. Reviews and evaluates the adequacy of facility authorization agreements in defining the requirements for safe operations.
4. Reviews positive unreviewed safety question determinations Unresolved Safety Question, including safety implications, compensatory measures, and corrective actions.
5. Support authorization bases reviews in conjunction with the performance of Integrated Safety Management evaluations, project safety evaluations, or special reviews by other offices.
6. Evaluate and identify trends and DOE policy issues related to authorization basis.
7. Serve as the Department's Dam Safety Coordinator/Officer, and oversee the safety of DOE's 15 dams and a number of other water impoundment structures.
8. Serve as the Department's representative for the Interagency Nuclear Safety Review Panel and participate in the review of activities in nuclear-powered space programs (e.g., upcoming missions to Mars and Pluto using plutonium-powered, radioisotopic thermogenerators).
9. Participate in exchange of information related to authorization bases with other organizations, including Energy Facilities Contractors Group, Secretarial Officers Safety Analysis Working Group, DOE National Decommissioning Committee, American Nuclear Society, American Society of Mechanical Engineers, the United Kingdom Health and Safety Executive Nuclear Installations Inspectorate, the International Atomic Energy Agency, the

Institute of Nuclear Power Operations, and the Nuclear
Regulatory Commission.

OFFICE OF THE DEPUTY ASSISTANT SECRETARY FOR FACILITY SAFETY

DEPUTY ASSISTANT SECRETARY FOR NUCLEAR AND FACILITY SAFETY POLICY

Mission Establish nuclear and facility safety requirements and expectations for the Department to ensure that the health and safety of workers, the public, and the environment is adequately protected.

Functions

1. Manages the development and maintenance of the Department's facility and system safety policies including regulations on nuclear safety management in Part 830.
2. Manages the development, issuance, and maintenance of nuclear and facility safety standards. These standards include a) policies; b) requirements (including regulations, orders, notices, and manuals); and c) guidance documents (including guides and technical standards).
3. Develops training materials and workshops to assist in the implementation of safety requirements and standards.
4. Consults with line management in the implementation of the standards programs and provides guidance and interpretation on Departmental nuclear and facility safety standards. Works with the Office of General Counsel to assist in providing interpretations of nuclear and facility safety regulations.
5. Works closely with the Office of Regulatory Liaison to interface with domestic and international organizations, and observes development and trends of new designs, construction, and operating standards adopted or being considered for use in both the domestic and international industries.
6. Establishes methodologies and standards for determining acceptable levels of risk from Departmental activities based on an integrated analysis of all safety hazards.
7. Manages the Department's Technical Standards Program in accordance with the Office of Management and Budget Circular A-119 and coordinates with other DOE program offices to achieve consistency with policies of Circular A-119.
8. Provides guidance for use of non-government standards, coordinates the Department of Energy (DOE) and contractor participation in standards organizations, interfaces with national and international standards-making bodies, and maintains an internet accessible database of standards for DOE use.
9. Works closely with the Office of Regulatory Liaison to interface with the Defense Nuclear Facilities Safety Board on matters concerning nuclear and facility safety policies and requirements.

OFFICE OF THE DEPUTY ASSISTANT SECRETARY FOR FACILITY SAFETY

DEPUTY ASSISTANT SECRETARY FOR FACILITY OPERATIONS SUPPORT

Mission

Provide corporate technical assistance by performing appraisals related to critical issues of immediate interest to the Department of Energy (DOE) senior management.

Functions

1. Supports senior management by performing Special Reviews focusing on important issues that affect a cross-section of the Department's sites and programs or that concentrate on special focus areas to evaluate issues or adverse safety performance or trends throughout the complex.
2. Conducts investigations of safety and health allegations. Track and administer program for all EH safety allegations except for noncompliances with Part 820,830, 835 and proposed 851. Coordinate safety allegation investigations with the Office of Hearings and Appeals and the Office of Price-Anderson Enforcement. Communicate results of these investigations to senior DOE management.
3. Conducts event reviews to validate or improve the investigation, evaluation, and reporting of occurrences and the dissemination of lessons learned.
4. Supports the startup and restart of nuclear facilities by observing, advising, participating in, or conducting assessments of the Operational Readiness Review process.
5. Provide technical assistance and support to the Headquarters Emergency Operations Center (EOC), including supporting the Office of Environment, Safety and Health (EH) Duty Office point-of-contact for the EOC and to the Department of Homeland Security including the Energy Desk Duty Officer.
6. Provides support to line management through the evaluation of corporate issues to determine root cause or identify systemic problems and makes recommendations for programmatic or human performance improvements.
7. Assists in the selection, appointment, and support for Type A Investigation Boards chartered by the Assistant Secretary for EH or the Administrator of the National Nuclear Security Administration to investigate serious accidents that meet the threshold under DOE O 225.1.
8. Conducts independent oversight of selected Type B Accident Investigations conducted by the line organization, including review of draft investigation reports and onsite evaluations of investigations.
9. Conducts training courses for Type A and Type B Accident Investigation Boards and Chairpersons, including the affiliate of

the Department's Integrated Safety Management policy to investigation and root cause analysis.

10. Maintains accident investigation standards, including reviews as necessary, to DOE O 225.1; DOE G 225.1A-1, "Guide for DOE O 225.1 Accident Investigations"; and associated protocols and training materials.
11. Manages the DOE Seismic Working Group established to meet Executive Order 12941 on Seismic Safety of Existing Federally Owned and Leased Buildings.
12. Provides support and participates in the Departmental Federal Technical Capability panel as EH representative (i.e. Agent). Manage and maintain the EH Technical Capability Program in coordination with the Office of Planning and Administration.
13. Provides support to line management in implementation of criticality safety programs. This support includes conducting assessments, training, mentoring, program reviews and evaluations and facility walkdowns to ensure effective program implementation.

OFFICE OF THE DEPUTY ASSISTANT SECRETARY FOR FACILITY SAFETY

OFFICE OF REGULATORY LIAISON

Mission Ensure the Department of Energy (DOE) policies and standards relating to facility safety are consistent with other federal and industry regulations.

Functions

1. Interfaces with other Federal regulatory agencies to ensure DOE facility safety policies and standards are consistent and represent best available information and technology.
2. Provides support to line management by providing advice on safety regulation expectations of newly constructed facilities and new start projects.
3. Performs ongoing reviews of regulatory matters, analyses and consultation to support field and project offices to demonstrate that DOE's safety and health programs meet regulatory statutes.
4. Coordinate and advocate on behalf of DOE with Nuclear Regulatory Commission, the Department of Transportation, the National Aeronautics and Space Administration and other Federal agencies.
5. Supports line management and other Environment, Safety and Health (EH) Offices by serving as the primary interface with private industry and independent standards setting organizations concerning nuclear and facility safety regulatory matters, including regulatory reform and project specific activities.
6. Interfaces closely with industry groups such as the Institute for Nuclear Operations, the Nuclear Energy Institute, the Electric Power Research Institute, and the Energy Facility Contractors Group to ensure that the Department is aware of and participates in industry initiatives.
7. Serves as the primary interface with the Defense Nuclear Facilities Safety Board (DNFSB) for crosscutting Departmental issues – including those affecting the National Nuclear Security Administration.
8. Supports senior management by identifying, evaluating, monitoring, managing, and resolving crosscutting safety issues identified by DNFSB.