

LANL Waste Characterization, Reduction, and Repackaging Facility DOE ORR 7/21

EMERGENCY MANAGEMENT (EM)

OBJECTIVE

EM.1: LANS has established and implemented an Emergency Management program to ensure safe operations and activities at WCRRF, including an emergency operations drill and exercise program with associated program records. Sufficient numbers of qualified personnel, as well as adequate facilities and equipment, are available to support WCRRF operations. (**CRs 1, 4, 6, 7, and 11**)

CRITERIA

1. LASO and LANS have assessed their emergency management needs in order to plan and implement a comprehensive emergency management program (CEMP) commensurate with the hazards at WCRR. (DOE O 151.1C)
2. LANS line management has established and implemented an emergency management program to ensure safe operations and activities associated with WCRRF.
3. The facility hazard survey and LANL Emergency Planning Hazards Assessment (EPHA) have been approved and implemented at WCRRF.
4. The Emergency Readiness Assurance Plan (ERAP) has been updated to reflect WCRRF operations (DOE O 151.1C).
5. Site and facility emergency response procedures and checklists include WCRRF operations and have been implemented (DOE O 151.1C).
6. Emergency management checklists and procedures have been updated at all applicable LANL emergency command and response centers to reflect WCRRF hazards and emergencies. (DOE O 151.1C)
7. Through adequate emergency exercise planning and actual demonstrations, LANS has demonstrated readiness to respond to emergencies at WCRRF. (DOE O 151.1C)
8. Issues from previous assessments of the Emergency Management programs that affect WCRR and the issues identified in previous WCRR drills and exercises have been effectively tracked and resolved (DOE O 151.1C; DOE O 226.1; DOE O 414.1C).
9. BIO and TSR commitments associated with the emergency management program are accurately and effectively implemented (BIO; TSR AC 5.6.2; 10 CFR 830.200).
10. The level of knowledge of emergency management personnel concerning their roles and responsibilities for WCRR operations is adequate and sufficient numbers of qualified personnel, facilities, and equipment are available to support WCRRF operations.

APPROACH

Requirements:

DOE O 151.1C, *Comprehensive Emergency Management System*

Document Review:

- LANL Emergency Management program needs assessments for WCRR
- WCRR CORR final report including finding closure packages for findings associated with Emergency Management Functional Area
- WCRR BIO and TSR, including SER and any conditions of approval
- WCRR Facility Response Manual
- Approved LANL/WCRR EPHA and Emergency Plan
- LANL/WCRR Emergency Plan Implementing Procedures
- LANL/WCRR Emergency management checklists, EALs, accountability procedures and similar emergency response documents
- Recent LASO/LANL Emergency Management program assessments associated with WCRR and corrective action reports
- Emergency Drill and Exercise Program records including scenarios, schedules, and post exercise reports associated with WCRR
- WCRR MSA final report including finding closure packages for findings associated with the Emergency Management functional area
- WCRR CORR final report including finding closure packages for findings associated with the Emergency Management functional area
- Recent DOE/NNSA/LASO/LANL Emergency Management program assessments that affect WCRR and corrective action reports
- Emergency Drill and Exercise Program records including scenarios, schedules, and post exercise reports associated with WCRRF

Interviews:

- Facility Manager
- WCRRF supervisors/workers (sample)
- Emergency Preparedness Functional Manager with WCRR responsibilities
- Emergency Command Center Personnel who would respond to WCRRF Emergencies

Observations:

- Selected emergency exercise scenario
- Facility emergency response drill (if possible)
- Site-wide emergency command and response center response to emergency exercise or drill