

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

TRAINING AND QUALIFICATION (T&Q)

OBJECTIVE

TQ.1: The selection, training, and qualification programs for operations, operations management, technical, and operations support personnel have been established, documented, and implemented for the range of duties required to be performed to operate and support WCRRF activities. For the training and qualification program, sufficient numbers of qualified personnel as well as adequate facilities and equipment are available to support WCRRF operations. **(CRs 1, 3, 4, 5, 6, and 7)**

CRITERIA

Note: Level of knowledge for Operators and Supervisors will be assessed in the Operations functional area. Level of Knowledge for support personnel will be assessed in the appropriate functional areas.

1. The LANL implementation processes for the T&Q Safety Management Program (SMP) associated with WCRRF comply with contract requirements.
2. A training implementation matrix (TIM) has been submitted and approved by the Site Office that includes WCRRF and meets the commitments within the approved WCRRF BIO and TSR, including training and qualification for forklift operators. (TSR 5.8)
3. LANS has conducted periodic systematic evaluations of the WCRRF T&Q program and found it to be effective and compliant with contract requirements. (DOE Order 5480.20A, DOE-STD-1070-94)
4. LASO has conducted periodic systematic evaluations of the WCRRF T&Q program and found it to be effective and compliant with contract requirements. (DOE Order 5480.20A, DOE-STD-1070-94)
5. WCRRF T&Q records including lesson plans and completed qualification records are complete, auditable and meet the requirements of the TIM and the LANL T&Q program. (DOE Order 5480.20A)
6. Modifications to the facility, as well as procedural and work control document requirements have been reviewed for potential impacts on training and qualifications. Required changes to training and qualification program documents have been completed and implemented. (DOE Order 5480.20A, DOE O 433.1)
7. Level of knowledge of managers, operations, and operations support personnel is adequate based on reviews of examinations, examination results, and any pertinent qualification program documentation. (DOE Order 5480.20A) *[Interviews and performance evaluations will be accomplished in other functional areas – systemic issues may be rolled up here]*

APPROACH

Requirements:

- DOE Order 5480.20A, *Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities*
- DOE O 433.1, *Maintenance Management Program for DOE Nuclear Facilities*

Document Review:

- WCRRF BIO/TSR and LASO SER
- CORR final report and corrective action closure packages
- LANL ISD 781-1, *Conduct of Training Manual*
- WCRRF Training Position Descriptions
- Training Implementation Matrix
- WCRRF-specific Training and Qualification requirements and completed records including Cognizant System Engineer, USQ screeners, and evaluators.
- Required Reading
- Assessment results/issues tracking system entries associated with the WCRRF training program
- CORR final report and corrective action closure packages

Interviews:

- WCRRF Training Coordinators and training development personnel
- WCRRF Facility Manager
- LANS Training Manager
- LASO Training Point of Contract
- WCRRF Facility Representative

Observations:

- Operational demonstrations including trainee performance and oversight.
- Classroom instruction
- Performance of operational evaluations (OJT activities)
- Operational drill