

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

QUALITY ASSURANCE (QA)

OBJECTIVE

QA.1: LANL has established a Quality Assurance Program (QAP) to ensure safe accomplishment of work at WCRR. For the Quality Assurance Program, sufficient numbers of qualified personnel as well as adequate facilities and equipment are available to support WCRRF operations. (**CR 1, 4, 6, and 7**)

CRITERIA

1. A QA Program (QAP) is established, implemented, and maintained at the WCRRF (DOE O 414.1C)
2. The elements of the WCRRF QA program follow LANL requirements (IP330, *Quality Assurance Program* or successor documents (TSR 5.6.9 and TSR 5.6.11)).
3. WCRR has an effective Occurrence Reporting program that meets the requirements of the BIO. (DOE O 414.1C, WCRRF TSR 5.7, DOE O 231.1)
4. The QAP for WCRR includes appropriate procurement processes that have been adequately implemented. (DOE O 414.1C, 10.CFR.830.120)
5. Adequate numbers of appropriately trained personnel are available to support WCRRF quality assurance requirements (DOE O 414.1C)
6. Safety Software used within or in support of WCRR has been properly defined and graded and the required level of SQA has been applied to each software application. (DOE O 414.1C, 10.CFR.830.120)

NOTE: Other functional areas will also evaluate the effectiveness by which issues are identified, managed, and resolved within the specific functional area.

APPROACH

Requirements:

- 10 CFR 830.122, *Nuclear Safety Management*
- DOE O 414.1C, *Quality Assurance*
- DOE Order 231.1A Chg 1, *ES&H Reporting Policy*

Document Review:

- CORR Report including closure packages for all QA related findings.
- LANL QAP and supporting documentation including software QA and procurement records that includes WCRR
- Interface arrangements among quality and other oversight organizations.
- SQA program documentation

Interviews:

- WCRR QA/Assessment Lead
- WCRR Facility Manager

Observations:

- WCRR related Assessments that may be occurring.
- WCRR related Issues management review board or other evaluation activity associated with issues resolution.