

CONFIGURATION MANAGEMENT (CM)

PERFORMANCE OBJECTIVE

CM-1 Safety systems and mission critical systems are defined and a comprehensive CM program is established and supported by training and procedures to maintain control over the design and modifications.

(CORE REQUIREMENTS 1, 2, 5, 7, 8, 9, 10, and 13)

Requirements:

- DOE-STD-1073-2003, *Configuration Management*
- LIR 230-03-01.3, *Facility Management Work Control*
- LIR 240-01-01.2, *Facility Configuration Management*
- LIR 402-10-03.2, *ES&H Management of Contractor Performed Facility Construction/Maintenance, Environmental Restoration/Decontamination and Decommissioning, and Related Drilling Operations*

Acceptance Criteria:

1. The CM program and implementing documents accurately reflect the Systems Engineering Program Requirements. Outputs from SE functions during project development are accurately captured in operating baseline documents such as as-built drawings, design criteria and turnover checklists.
2. The comprehensive CM plan or procedure is in place that clearly defines applicable configuration items associated with WETF operations and covers the essential elements of a good CM process. The documentation control system ensures that only the most current versions of control documents are available and used by facility personnel.
3. The changes introduced by modifications to WETF have been reviewed and approved to ensure that the design, software, and hardware introduced by the project maintain the safe operating envelope described in the Hazard Analysis.
4. Review implementation of inspection, acceptance, calibration and testing criteria for engineering controls defined in the Hazard Analysis (engineered controls, HEPA Filtration, Breathing Air Systems, Interlocks, etc.)
5. Configuration management is provided by ensuring that safety or mission critical systems and equipment are restored to their original design or operating condition following maintenance or operational testing.

Review Approach:

1. Review the site's CM plan and procedures.
2. Review document control system as it relates to WETF.
3. Spot-check WETF drawings for accuracy to actual field conditions.
4. Review documented deficiencies from recent audits and occurrences.

5. Review implementation of controls established by safety basis documentation.
6. Review Non-Conformance Reports to ensure that changes have been implemented.
7. Interview personnel associated with the CM program and operations support personnel to assess their understanding of the program.
8. Walk down WETF facility.