

ORNL - Restart of the High Flux Isotope Reactor 2-07

CONFIGURATION MANAGEMENT (CM)

OBJECTIVE CM-1: The facility systems and procedures, as affected by the facility modifications, are consistent with the description of the facility, procedures, and accident analysis included in the safety basis. (Core Requirement 9)

Criteria

- The CS and reactor systems affected by the CS and facility modifications are consistent with the description and accident analysis included in the DSA.
- The reactor and CS procedures (including system drawings, operating procedures, annunciator response procedures, abnormal operating procedures, emergency operating procedures, surveillance test procedures, and other procedures affected by the CS modification) are consistent with the description and accident analysis included in the DSAs.

Approach

Record Review:

1. Confirm that the CS/reactor systems-related modifications are consistent with the description and accident analysis included in the DSA by reviewing the evidence files supporting implementation of the DSAs.
2. Examine the documentation prepared as part of the unreviewed safety question determination process to confirm that CS/reactor systems-related modifications have been reviewed for consistency with the HFIR Updated Safety Analysis Report.
3. Sample the procedures prepared or revised to support reactor operation with the CS to confirm that they are consistent with descriptions in the DSAs or the HFIR Updated Safety Analysis Report, as applicable.
4. Compare selected operations-critical drawings to descriptions in the DSAs and actual system configuration to confirm that they are consistent.

Interviews:

Interview personnel responsible for configuration management activities. In addition, information from interviews completed in support of other core requirements will complement the ORR team's assessment of this objective.

Shift Performance:

Perform any system walkdowns needed to confirm the ORR team's assessment of the configuration management system. In addition, information on system walkdowns completed in support of other core requirements will complement the ORR team's assessment of this objective.