QUALITY ASSURANCE (QA)

OBJECTIVE
QA.1 A Quality Assurance program as required in the safety basis document(s) is in place to ensure that the LANL contractor maintains quality requirements to prevent or mitigate hazards in accordance with approved implementing documents and procedures as required by a 10CFR830-compliant Quality Assurance Program. Roles, responsibilities, accountabilities, and authorities are clearly defined, understood, and effectively implemented with line management responsibility for control of safety. The program must include all QA elements applicable to the TA-55 SST Facility operations. *(Core Requirements 2, 5, 6, 9, 10, 11,* **13, and 15**)

Criteria
1. The TA-55 SST Facility has a Quality Assurance Program (QAP) that meets the requirements of 10CFR830, Part A and DOE O 414.1C.
2. Facility procedures integrate the QAP with other Safety Management Programs.
3. Processes to detect and prevent quality problems are documented and implemented.
4. Procured items and services meet established requirements and perform as specified.
5. Inspection and testing of specified items, services, and processes is conducted using established acceptance and performance criteria.
6. Problems/issues that hinder the organization from achieving its objectives are identified and corrected.
7. The LANL contractor's quality assurance program document addresses feedback and improvement through lessons learned, non-compliance reporting, issues management, and corrective actions.
8. Software used for managing safety basis requirements was subjected to appropriate Quality Assurance validation, verification, and tests to ensure correct performance.

Approach
Record Reviews: Review the necessary records and program procedures to verify that the QA program includes a process for tracking, trending, and correcting conditions adverse to quality. Also verify that self-assessments are conducted and identified QA deficiencies are resolved.
Personnel Interviews: Interview those QA personnel who support TA-55 SST operations to validate if they are familiar with their roles, responsibilities, and interfaces with the operations organization.
Validate that personnel have adequate knowledge of site QA procedures.