

Activity: **Handling**

- 1.0 Purpose: To determine that material handling is adequate and complies with applicable codes, standards, and regulations.
- 2.0 Scope: This guideline has been developed for use in evaluation of the material handling system by assuring preservation of the quality of safety-related items and containers.
- 3.0 References:
- 3.1 NRC Inspection Manual, Procedure 38702
- 3.2 ANSI N45.2.2, "Packaging, Shipping, Receiving, Storage, and Handling of Items for Nuclear Power Plants"
- 4.0 Guidelines:
- 4.1 In preparation for and during the conduct of this surveillance:
- E Obtain and review implementing procedures, instructions and drawings governing this activity.
- E Prepare a guide or checklist using the selected items from this guideline.
- E Review past surveys, audits, surveillances and other evaluations/assessments.
- E Ensure that checklists include, where applicable, actual observations of performance, general plant conditions, radiological work practices, housekeeping, work document controls and use, and safety practices.

NOTE: Refer to Guideline A.1, "General Quality Surveillance Guidance," for specific details on the attributes listed above.

4.2 Verify the existence of adequate procedures for the following aspects of handling safety-related material:

- A. Routine and special handling measures.
- B. Hoisting equipment controls.
- C. Equipment and rigging inspection, including measures for indicating the acceptability of equipment after the inspection.
- D. Adequate control of nonconforming lifting equipment to prevent its use.
- E. Competence criteria (i.e. qualification or certification) for personnel who use material handling equipment.

4.3 Select activities involving handling of safety-related material for verification of the following:

- A. Hoisting equipment used for handling is certified by the manufacturer and the certification s indicates the parameters for the maximum load to be handled.
- B. Periodic inspections of material handling equipment are documented.
- C. Special handling instructions, if any, are on file.
- D. Documentation to demonstrate qualifications of forklift and hoist operators is on file.

5.0 Other Guidelines for Consideration:

5.1 A.1 "General Quality Surveillance Guidance"