SAFETY EVALUATION REPORT
DOCKET NO. 50-483
CALLAWAY PLANT, UNIT 1
GENERIC LETTER 83-28, ITEM 2.2 (PART 1)
EQUIPMENT CLASSIFICATION
(PROGRAMS FOR ALL SAFETY RELATED COMPONENTS)

INTRODUCTION AND SUMMARY

Generic Letter 83-28 was issued by the NRC on July 8, 1983, indicating actions to be taken by applicants and licensees based on the generic implications of the Salem ATWS events. Item 2.2 (Part 1) states a staff position which requires licensees and applicants to describe their program for ensuring that all components of safety-related systems necessary for accomplishing required safety functions are identified as safety-related on informational and procedural materials. The licensee's submittal is required to specifically describe five sub-items pertaining to (1) the criteria for identifying components as safety-related; (2) the information handling system used to identify safety-related components; (3) the way in which station personnel use the information handling system; (4) the management controls used to verify that the procedures for preparation, validation and utilization of the information handling system have been followed; and (5) specifications for procurement of safety-related components.

The licensee for the Callaway Plant, Unit 1, submitted responses to Item 2.2 (Part 1) of Generic Letter 83-28 by letters dated November 18, 1983; March 12, 1984; May 21, 1984; December 27, 1984; and January 27, 1987. Our evaluation of these responses find them to be acceptable.

EVALUATION

The licensee identifies the Q-List and the Computerized History and Maintenance Planning System (CHAMPS) as the informational sources for identifying safety-related components. Work requests identify when equipment is safety related, and designate the procedures to be used for safety-related activities. Additionally, safety-related components are identified as such on design drawings, in the Final Safety Analysis Report, and on referenced procedures.

The licensee responses to the five sub-items of Item 2.2 (Part 1) will be individually discussed and the five then considered in combination.

1. Criteria For Identifying Safety-Related Components

   The licensee indicates that the criteria for identifying safety-related components is essentially the same as those described in the SNUPPS (Standardized Nuclear Unit Power Plant System) environmental qualification program for the electrical equipment list.

2. Information Handling System

   The licensee's submittals identify the "Q-List" as a compilation at the component level of all the equipment incorporated within the SNUPPS design. The SNUPPS safety-related components have been identified by the Architect Engineer (Bechtel) and by the Nuclear Steam Supply vendor (Westinghouse). Union Electric through its representatives on the SNUPPS Technical Committee

has the overall design review responsibility. The O-List is developed in accordance with SNUPPS Administrative Control Procedures and compliance with these procedures are audited on a regular basis.

3. Use of the Information Handling System

The licensee states that maintenance planning personnel use the onsite Computerized History and Maintenance Planning System (CHAMPS), which contains the safety-related components of the O-List, to determine when a component is safety-related. It identifies the procedures to be used for maintenance work, routine surveillance testing and other maintenance and testing activities. The CHAMPS is consulted before any maintenance, testing, design changes, engineering support, setpoint changes or special tests or studies are initiated.

4. Management Controls

The licensee states that the O-List will be controlled, maintained and updated in accordance with the SNUPPS QA program procedures. The Bechtel, Westinghouse, and SNUPPS components of the O-List are subject to internal licensee audits as part of the SNUPPS QA program. The procedures are subject to audit by the quality assurance department. The licensee also states that written procedures will call for routine use of the O-List.

5. Procurement Specifications

The licensee's submittals state that specifications for safety-related components include qualification testing and analysis for environmental conditions. These tests and analyses are documented in a historical file. The qualified lives for equipment and preventative maintenance activities are included in the licensee's surveillance and maintenance program. The licensee states that specifications imposed by administrative procedures on safety-related items specify the appropriate technical and quality requirements, including environmental and seismic testing.

Our review of the licensee's responses to the five sub-items of Item 2.2 (Part 1) of Generic Letter 83-28 finds that the licensee has an adequate program to classify and document safety-related components and to utilize this documentation for safety-related activities, including repair, maintenance, surveillance testing and procurement.

CONCLUSION

Our review of the licensee's responses to Item 2.2 (Part 1) of Generic Letter 83-28 for the Callaway Plant, Unit 1, finds that the licensee has an adequate program for classifying safety-related components and for controlling safety-related activities. We find the licensee's responses are consistent with the staff position of the generic letter and are acceptable.