



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
230 PEACHTREE STREET, N. W. SUITE 1217
ATLANTA, GEORGIA 30303

Report No.: 50-261/78-26

Docket No.: 50-261

License No.: DPR-23

Licensee: Carolina Power and Light Company
366 Fayetteville Street
Raleigh, North Carolina 27602

Facility Name: H. B. Robinson 2

Inspection at: H. B. Robinson Site, Hartsville, South Carolina

Inspection conducted: October 31 - November 3, 1978

Inspectors: T. J. McHenry
G. A. Belisle
H. C. Dance (November 2-3, 1978)

Reviewed by: H. C. Dance 11/22/78
Date
H. C. Dance, Chief
Reactor Projects Section No. 1
Reactor Operations and Nuclear Support Branch

Inspection Summary

Inspection on October 31 - November 3, 1978 (Report No. 50-261/78-26)

Areas Inspected: Routine unannounced inspection of plant operations; license event followup; IE circular followup; independent inspection effort and facility tours. The inspection involved 69 inspector-hours onsite by three NRC inspectors. Results: Within the five areas inspected, no items of noncompliance or deviations were identified.

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DETAILS I

Prepared by: Thomas J. McHenry
 T. J. McHenry, Reactor Inspector
 Reactor Projects Section No. 1
 Reactor Operations and Nuclear
 Support Branch

11/22/78
 Date

Dates of Inspection: October 31 - November 3, 1978

Reviewed by: H. C. Dance
 H. C. Dance, Chief
 Reactor Projects Section No. 1
 Reactor Operations and Nuclear
 Support Branch

11/22/78
 Date

1. Persons Contacted

- *R. B. Starkey, Jr., Plant Manager
- *R. E. Morgan, Operations Supervisor
- *H. S. Zimmerman, Engineering Supervisor
- *B. W. Garrison, Quality Assurance Supervisor
- C. Wright, Engineering Technician
- M. Page, Engineer
- R. H. Chambers, Senior Engineer
- *W. T. Traylor, Administrative Supervisor
- J. M. Curley, Senior Engineer
- F. Bishop, Electrical Engineer

Several Control Room, Shift Foreman and Plant Operators.

*Denotes those present at the exit interview.

2. Licensee Action on Previous Inspection Findings

No previous items of noncompliance or deviations were reviewed during this inspection.

3. Unresolved Items

No new unresolved items were identified during this inspection.

4. Exit Interview

A meeting was held on November 3, 1978, with Mr. R. B. Starkey, Plant Manager, and staff members denoted in paragraph 1. The scope and findings of the inspection were discussed.

5. Review of Licensee Event Reports (LER's)

The inspector reviewed two LER's for consistency with the requirements of Technical Specifications, Section 6.9. The inspector examined the licensee's analysis of the event, the corrective action taken, and discussed the LER's with licensee representatives. The following LER's were reviewed:

a. LER 78-21, Loss of MCC-5

The inspector discussed corrective action with a licensee representative and determined that corrective actions had been taken to prevent failure of the transfer device that caused this occurrence. This LER is closed.

b. LER 78-26, Both Containment Spray Pumps Inoperable

The inspector discussed the apparent cause and corrective action with licensee representatives and confirmed the designation of the cause of this occurrence. Since plant procedures had not been revised to prevent recurrence as stated in LER, this LER will remain open pending licensee procedure revisions and subsequent review during a future inspection. The inspector noted that since the cause of this event is related to operation in a depressurized/refueling type mode, procedural changes should be implemented prior to operation in the cause related condition.

6. Review of IE Circulars (IEC's)

The inspector reviewed applicable IEC's with licensee personnel to ascertain that IEC's had been received onsite and reviewed by cognizant personnel. Licensee's actions on the following IEC's were reviewed:

- a. IEC 78-15, Tilting Disc Check Valves Fail to Close with Gravity in Vertical Position. The inspector determined that the licensee had identified each safety-related check valve installed in a vertical position. Further, the licensee determined that no leakage problems had been identified associated with failure of these valves to properly close; and that such failure, should it occur, would be detected by routine surveillance testing. The inspector had no further questions on IE Circular 78-15.
- b. IEC 78-16, Limitorque Valve Actuator Failure. The inspector determined that the licensee had identified each safety-related limitorque valve actuator. Further, the licensee determined that

manual operation of the identified valves is not performed routinely and that no problems addressed in the IEC had been identified. The inspector had no further questions on IE Circular 78-16.

7. Review of Logs and Operating Records

The inspector reviewed the following operating logs and records for the period August - September 30, 1978, to ascertain whether operation was in conformance with Technical Specifications and established requirements.

- a) Shift Foremans Log
- b) Control Operators Log
- c) Minimum Equipment List
- d) Equipment Inoperable Record
- e) Auxiliary Operators Log
- f) Hot Operations Log
- g) Auxiliary Operators Weekly Checks
- h) Jumper and Lifted Wire Log
- i) Standing Orders and Operating Notes

No problems were identified. However, the inspector noted minor discrepancies and inconsistencies in some of the above documents which were identified to licensee representatives and discussed at the exit interview. The licensee acknowledged the inspectors comments.

8. Management Staff Plant Tours

The inspector reviewed the policy and records pertaining to plant operations assessment by management personnel on weekends and back shifts. Volume 1, Administrative Instruction, Paragraph 4.1.4. of the Plant Operating Manual requires the plant manager or one of his six management level supervisors to conduct a tour of the plant on a weekend or backshift during his scheduled week long tour as the supervisor on call. The records of these inspections were examined for the period of July 1978 through September 1978. No problems were identified.

9. Implementation of Radiological Controls

A periodic review of the licensee's enforcement history indicated that during a one year period from September 1977 eleven items of noncompliance, associated with radiological controls, were cited. The inspector discussed the NRC's concern of the apparent weakness in the

implementation of radiological controls requirements with the Plant Manager. The Plant Manager acknowledged the inspectors concerns and stated that problems in the radiological control areas had been previous recognized and that actions were being considered to correct identified problems. The inspector stated that emphasis would be placed on observation of the licensee's implementation of radiological control requirements during future inspections.

10. Plant Tour

The inspector toured the auxiliary building and control room. During the tour of the auxiliary building particular attention was paid to radiation controls being properly established, monitoring equipment recording as required and general plant housekeeping. During the tour of the control room particular attention was paid to control room shift implementation and operating personnel shift relief as required in Volume 1 Administrative Instructions Paragraphs 4.1.1 and 4.1.14 of the Plant Operating Manual.

No problems were identified.