



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 5100
ATLANTA, GEORGIA 30303

Report No. 50-261/82-21

Licensee: Carolina Power and Light
411 Fayetteville Street
Raleigh, NC 27602

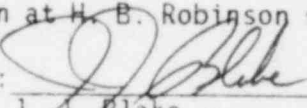
Facility Name: H. B. Robinson

Docket No. 50-261

License No. DPR-23

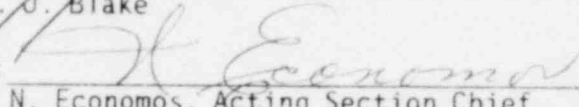
Inspection at H. B. Robinson site near Hartsville, SC

Inspector:


J. J. Blake

7/23/82
Date Signed

Approved by:


N. Economos, Acting Section Chief
Engineering Inspection Branch
Division of Engineering and Technical Programs

7/23/82
Date Signed

SUMMARY

Inspection on July 13-16, 1982

Areas Inspected

This routine, announced inspection involved 26 inspector-hours on site in the areas of previous inspection findings; LER follow-up; inservice inspection data review and evaluation; IE Bulletin and Confirmation of Action letter follow-up; and inspector follow-up items.

Results

Of the five areas inspected, no violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *W. Crawford, Manager, Operations and Maintenance
- *J. Curley, Manager, Technical Support
- *J. Young, Director, Operations QA/QC
- *F. Gilman, Project Specialist, Regulatory Compliance
- C. Wright, Specialist, Regulatory Compliance
- H. Cox, Technician, Regulatory Compliance
- M. Page, Engineering Supervisor
- G. Chappell, Project Engineer
- E. Paine, Senior Engineer

NRC Resident Inspector

S. Weise

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on July 16, 1982, with those persons indicated in paragraph 1 above. The inspector told the licensee that actions necessary to satisfy the Confirmation of Action letter of April 26, 1982, concerning the main coolant pump bolt failures, had been completed, and that Region II would be providing the required concurrence to resume power operation.

3. Licensee Action on Previous Inspection Findings

- a. (Closed) Violation (261/81-35-01) Class 2 Piping - Class Boundary Not Established in Accordance with Reg. Guide 1.26 for Weld ISI Program. The inspector reviewed the licensee's response in letter No. RSEP/82-165 dated February 5, 1982. This response stated that the required in-service inspections would be conducted on the affected piping runs during the 1982 refueling outage. The inspector reviewed the results of the ISI inspection. There were no further questions at this time.
- b. (Open) Unresolved Item (261/81-35-03) Personnel Performing Operational Tests on Pumps and Valves Do Not Appear to be Certified as VT-4 Visual Inspectors Per ASME Section XI Requirements. The licensee has established a September 1982 completion date for the evaluation of the question of certification requirements for test personnel. This item will be reviewed during a future inspection.

- c. (Open) Unresolved Item (261/81-35-04) Administrative Engineering and Maintenance Procedures Do Not Appear to Refer to Repair and Replacement Rules of ASME B&PV Code Section XI. The licensee has established a September 1982 completion date for the resolution of this question. This item will be reviewed during a future inspection.
- d. (Open) Unresolved Item (261/82-12-02) Condition of Periodic Test Procedures. The licensee has established a September 1982 completion date for this item. This item will be reviewed during a future inspection.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Licensee Event Reports (LER) Followup (92700)

The inspector reviewed the following licensee event reports to verify that the report details met license requirements, identified the cause of the event, and described appropriate corrective actions.

- a. (Closed) LER 82-03 - Reactor Coolant Pump Bolt Failures. The inspector reviewed CP&L LER 82-03 update report dated July 16, 1982. This item is closed.
- b. (Closed) LER 82-04 - Inservice Inspection of Steam Generator Tubes. The inspector reviewed the results of the steam generator tube inspection (see paragraph 6.0). There are no further questions at this time.
- c. (Open) LER 81-27 - "A" Residual Heat Removal Pump Declared Inoperable Due to Shaft Seal Failure. The licensee has instituted a technical review program for ordering of safety related parts. This LER will remain open until the licensee addresses the question of spare parts ordered to the old system. As of the date of this inspection the licensee had not established a date for the commencement of the spare parts review.
- d. (Open) LER 81-31 - Pressurizer Block Valves Do Not Meet Design Specifications. The manufacturers of the valves, and the operators as well as Westinghouse, have assured CP&L that the block valves do meet design requirements they just had not been properly maintained. The valves have now been rebuilt and were scheduled for testing during restart after the current outage. The licensee has determined that the scheduled testing would present an undue challenge to the RCPB. This item will be reviewed after submittal of a final LER.

6. Inservice Inspection Data Review and Evaluation (73755B)

The inspector reviewed the results of the eddy current inspection of the steam generators and discussed the condition of the generators with members of the plant staff. The inspector also reviewed the licensee's letter to the Commission dated July 1, 1982, which formally announced the licensee's intention to repair/replace the steam generators.

There were no violations or deviations in this area of inspection.

7. IE Bulletin/Circular/Immediate Action Letter Follow-up (92703)

- a. IE Bulletin 79-13 Rev. 2 - The licensee has made the commitment to incorporate the latest resolutions to the feedwater line cracking problem into the replacement parts of the planned steam generator repair. In the interim, the critical welds in way of the nozzle and reducer are being volumetrically inspected on an augmented basis.

The inspector reviewed results of the last inspection and discussed them with the licensee's staff.

- b. Confirmation of Action Letter Dated April 26, 1982 - The letter involved the inspection of the other main coolant pumps after failed bolts were found inside the "B" reactor coolant pump. The licensee has completed the inspections discussed in the letter. The final results of the main coolant pump bolt problem were submitted in LER 82-03 Revision 1 dated July 16, 1982.

There were no violations or deviations discovered during this phase of the inspection.

8. Inspector Follow-up Item

(Closed) Inspector Follow-up Item (261/82-12-81) - Evaluation of Indications Discovered During Reactor Vessel Inspection. The licensee has completed the inspection of all of the belt line welds in accordance with ASME Section XI requirements. (Equipment problems precluded completion of near surface examination of the three longitudinal belt-line welds which had been missed due to the 15-degree rotation of the belt-line ring during fabrication.) No additional reportable indications were found during the examination of the three longitudinal welds. This item is closed.