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

Report No.: 50-261/84-34

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

Docket No.: 50-261 License No.: DPR-23

Facility Name: H. B. Robinson

Inspection Conducted: September 11-14, 1984

Inspector: G. A. Schnebli 9/21/84
G. A. Schnebli Date Signed

Approved by: Frank Jape 9/21/84
F. Jape, Section Chief Date Signed
Engineering Branch
Division of Reactor Safety

SUMMARY

Scope: This routine, unannounced inspection involved 26 inspector-hours on site in the areas of RCS hydrostatic test procedure review, RCS hydrostatic test witnessing, snubber surveillance program and plant tour.

Results: No violations or deviations were identified.

REPORT DETAILS

1. Licensee Employees Contacted

*R. Morgan, Plant General Manager
*F. Lowery, Manager of Operations
D. Bates, Senior Specialist-Regulatory Compliance
R. Dayton, Project Engineer-Engineering Performance
W. Farmer, Senior Engineer-Engineering Performance
G. Honma, Specialist-Regulatory Compliance
*J. Sturdavant, Regulatory Compliance
*C. Wright, Senior Specialist-Regulatory Compliance

Other licensee employees contacted included two technicians, four operators, and two office personnel.

NRC Resident Inspector

*H. Krug, Senior Resident Inspector

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on September 14, 1984, with those persons indicated in paragraph 1 above. The licensee acknowledged the findings without significant comment.

3. Licensee Action on Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort (92706)

The inspector toured portions of the turbine building, control room and switchyard to observe on-going activities for compliance with NRC requirements and licensee commitments.

No violations or deviations were identified.

6. Snubber Surveillance Program (61729)

The inspector discussed the status of LER 84-003 with licensee engineering performance personnel. This LER concerned the failure of the large bore steam generator snubbers during functional testing. Anomalies consisted of the following:

a. Failure to lockup due to low fluid level,

b. Rear monoball bearing failure at less than design load,

c. Failure to meet lockup velocity requirements, and

d. Failure to meet bleed rate requirements.

The inspector was informed that the steam generator snubbers were being returned to the manufacturer (Paul-Munroe Hydraulics, Inc.) for refurbishment and testing. The licensee also stated that all safety-related snubbers will be functionally tested during this current outage. The inspector informed the licensee that test data and maintenance records concerning plant snubbers would be reviewed on a subsequent inspection.

No violations or deviations were identified.

7. RCS Hydrostatic Test Procedure Review (70362)

The inspector reviewed the final, approved copy of the RCS hydrostatic test procedure (SP-594). This test is required as a pre-startup test due to steam generator replacement during this outage. The review consisted of the following:

a. Testing commitments relating to the steam generator replacement are being met.

b. The system is properly vented during the filling operation.

c. Water quality meets the required chemistry specifications.

d. Reactor coolant temperatures are maintained above the nil ductility transition temperature.

e. Hydrostatic test pressure and duration meet ASME code requirements.

No violations or deviations were identified.

8. RCS Hydrostatic Test Witnessing (70462)

On September 13, 1984, the inspector witnessed portions of the RCS hydrostatic test up through and including the 300°F thermal expansion testing. The inspection consisted of the following:

a. The testing was conducted in accordance with approved procedures and the latest revision of the test procedure was available and in use by personnel conducting the test.

b. All test procedure prerequisites were met.

c. Proper plant systems were in service and the valve lineup check sheets were complete, as required by the procedure.

d. Data required were collected by the proper personnel.

e. Changes to the procedure were accomplished in accordance with the licensee's administrative controls.

f. Adequate coordination existed among the responsible organizations to conduct the test properly.

No violations or deviations were identified.