UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30323

Report No.: 50-400/85-25

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

Docket No.: 50-400 License No.: CPPR-158

Facility Name: Harris 1

Inspection Conducted: June 19-21, 1985

Inspectors: G. A. Schnebli 6/28/85
G. A. Schnebli Date Signed

G. A. Schnebli for 6/28/85
R. W. VanDyne Date Signed

Approved by: P. A. Taylor 6/28/85
for F. Jape, Section Chief Date Signed
Engineering Branch
Division of Reactor Safety

SUMMARY

Scope: This routine, unannounced inspection entailed 44 inspector-hours on site in the area of Reactor Coolant System (RCS) Hydrostatic Test Witnessing.

Results: No violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

B. Clark, Test Coordinator
*C. S. Hinnant, Startup Manager
*C. L. McKenzie, Acting Director, Operations Quality Assurance/Quality Control (QA/QC)
*J. L. Willis, Plant General Manager

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

Other Organizations

*J. P. Kirk, Daniel Project Administrator
*O. F. Painter, Westinghouse Installation Manager

NRC Resident Inspectors

*S. P. Burris, Resident Inspector, Operations
*G. F. Maxwell, Senior Resident Inspector, Operations
R. L. Prevatte, Senior Resident Inspection, Construction

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on June 21, 1985, with those persons indicated in paragraph 1 above. The inspector described the areas inspected and discussed in detail the inspection findings. No dissenting comments were received from the licensee.

The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspector during this inspection.

3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. RCS Hydrostatic Test Witness (70462)

On June 20-21, 1985, the inspectors witnessed the RCS hydrostatic test. Licensee activities were observed to verify the following:

a. 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. Test procedure prerequisites were met.

c. Valve lineup and system check sheets were complete, as required.

d. Water quality and system temperature were monitored.

e. Pressure gauges of the required range and special test equipment as specified by the test procedures were calibrated and installed.

f. Data required were collected by the proper personnel.

g. Relief valves were installed where required and relief paths verified for system overpressure protection.

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

Hydrostatic test pressure was reached on June 21, 1985 at approximately 12:30 a.m. System temperature and pressure were verified to be within the required limits for the specified hold time. The inspectors observed QC inspections of various primary systems and components. One area of concern identified by the inspectors involved the documentation of mechanical joint leakage within the test boundaries. The licensee did commit to identify, document, and properly resolve all leaking mechanical joints and this concern was resolved. The test was successfully completed on June 21, 1985 at approximately 3:30 a.m.

No violations or deviations were identified in the areas inspected.