



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

Report No.: 50-414/85-26

Licensee: Duke Power Company
422 South Church Street
Charlotte, NC 28242

Docket No.: 50-414

License No: CPPR-117

Facility Name: Catawba 2

Inspection Conducted: July 15-19, 1985

Inspector:

J. L. Mathis
J. L. Mathis

7/30/85

Date Signed

Approved by:

Frank Jape
F. Jape, Section Chief
Engineering Branch
Division of Reactor Safety

7/30/85

Date Signed

SUMMARY

Scope: This routine, unannounced inspection entailed 38 inspector-hours at the site during normal duty hours, in the areas of preoperational test procedure review and preoperational test witnessing.

Results: No violations or deviations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *J. W. Hampton, Plant Manager
- *J. W. Cox, Technical Services Supt.
- *C. L. Hartzell, Compliance Engineer
- *P. LeRoy, Licensing Engineer
- *R. A. Thronburg, Status & Control/Construction
- R. Jones, Test Engineer
- B. Kirk, Engineer
- T. Bohart, Engineer
- M. Anderson, Engineer
- R. Scarborough Engineer

Other licensee employees contacted included construction craftsmen, engineers, technicians, operators, mechanics, security office members, and office personnel.

NRC Resident Inspector

- *K. VanDoorn, Resident Inspector

- *Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on July 19, 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 material 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 the inspection.

5. Preoperational Test Procedure Review (70300), Unit 2

The inspector reviewed the preoperational (Preop) test procedures listed below to verify that they were consistent with applicable sections of the Final Safety Analysis Report (FSAR) and Regulatory Guides 1.68 and 1.79. The following procedures were reviewed:

- TP/2/A/1400/01, Nuclear Service Water System Functional Test.
- TP/2/A/1250/04, Auxiliary Feedwater Functional Test.
- TP/2/B/1150/04, Pressurizer Relief Tank
- TP/2/B/1450/03, Containment Purge Ventilation System Functional Test.
- TP/2/B/1250/02, Steam Generator Blowdown Functional Test.

The procedures were reviewed for the following

- 1) Conformance to administrative controls. This included verifying that pertinent prerequisites are identified.
- 2) Acceptance criteria against which the test will be judged are clearly identified.
- 3) Initial test conditions are specified such as valve line-ups, electrical power and control requirements.
- 4) The procedure includes reference to appropriate FSAR sections, T/S, drawings, specification, codes and other requirements.
- 5) Procedure provides for independent verification of critical steps or parameters.
- 6) Provision is made for recording details of the test including observed deficiencies, their resolution, and retest.

Within the areas inspected no violations or deviations were identified.

6. Preoperational Test Witnessing (70315) - Unit 2

The inspector witnessed portions of preop tests TP/2/B/1450/03, Containment Purge Ventilation System Functional Test, (Sections 12.1 and 12.2) and TP/2/B/1250/02, Steam Generator Blowdown Functional Test, (Sections 12.3 and 12.5) which verified that interlocks for various system valves functioned properly and flow verification for A&B trains of containment purge ventilation system test.

The test were witnessed to verify the following:

- Latest revision of the test procedure was available and in use by test personnel.
- Test prerequisites were met.
- Proper plant system were in service.
- The test was performed as required by the procedure.
- Test discrepancies were documented for review and resolution.
- Adequate coordination existed among personnel involved in the test.
- Temporary modifications such as Jumpers were installed and tracked in accordance with administrative controls.

No violation or deviations were identified in the areas inspected.