



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

Report Nos. 50-413/82-19 and 50-414/82-17

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

Facility Name: Catawba

Docket Nos. 50-413 and 50-414

License Nos. CPPR-116 and CPPR-117

Inspection at Catawba site near Rock Hill, South Carolina

Inspector: A. J. Sigmatus for 8/09/82  
P. K. Van/Doorn Date Signed

Approved by: A. J. Sigmatus for 8/09/82  
J. C. Bryant, Section Chief, Division of Date Signed  
Project and Resident Programs

SUMMARY

Inspection on June 26 - July 25, 1982

Areas Inspected

This routine, announced inspection involved 50 resident inspector-hours on site in the areas of safety-related piping-observation of work (Unit 1); containment (structural steel welding)-observation of work (Unit 2); review of nonconforming items (Units 1 and 2); followup of NRC and licensee identified items (Units 1 and 2); and followup of an NRC Circular (Units 1 and 2).

Results

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

## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*J. C. Rogers, Project Manager
- \*S. W. Dressler, Engineering Manager
  - W. O. Henry, QA Manager, Technical Services
  - T. H. Robertson, Construction Engineer, Civil/Welding
- \*R. A. Morgan, Project QA Engineer
  - J. C. Shropshire, QA Supervisor
  - H. D. Mason, QA Supervisor
- \*H. L. Atkins, QA Engineer

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

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on July 26, 1982, with those persons indicated in paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

(Closed) Unresolved Item (413, 414/81-08-04): Use of ASME Code Case N-275 Repair of Welds. The licensee has implemented this Code case via issuance of appropriate procedural controls. The inspector verified these actions and considers them to be satisfactory.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Independent Inspection Effort (Units 1 and 2)

The inspector conducted general inspection of site work and work activities; observed protection and storage of mechanical equipment, electrical equipment, electrical cables, instrumentation and piping; and observed housekeeping. The inspections were performed in the auxiliary building, containment buildings, pipe fabrication shop and storage areas.

No violations or deviations were identified.

6. Nonconforming Item Report Review (Units 1 and 2)

The inspector reviewed numerous nonconforming item reports (NCI's) to determine if requirements were met in the areas of documentation, approvals, evaluation, justification, and corrective action.

No violations or deviations were identified.

7. Licensee Identified Items 50.55(e) (Unit 1)

(Closed) (CDR 413/81-26): Failure to remove welding purge dams from 24-inch FW supply header. The licensee submitted a final response on November 23, 1981. In addition to the actions described by the response, the licensee implemented additional procedural controls on the use of insoluble purge dams. The inspector verified the licensee actions and considers them to be satisfactory.

8. Followup of IE Circulars (Units 1 and 2)

The inspector verified that the licensee had received and reviewed the following IE Circular and had taken appropriate corrective action.

IEC 80-04: Securing of threaded locking devices on safety-related equipment. Based on the inspector's review of corrective action taken by the licensee this item is considered to be closed.

9. Containment (Structural Steel Welding) - Observation of Work and Work Activities (Unit 2)

The applicable code for pressurizer lateral support welding is the ASME Boiler and Pressure Vessel Code, Section III, Subsection NF, 1974 edition plus addenda through summer 1975. The inspector observed welds at various stages of completion to determine if code and procedure requirements were being met in the areas of weld identification/location, joint preparation; alignment, use of specified weld procedures and of specified weld material, welder qualification, QC verification, NDE, preheat and interpass temperature control, appearance of weld, and control of filler material. The inspector observed weld Nos. LP-2, LP-4, LP-5 and LP-50R1.

No violations or deviations were identified.

10. Safety-Related Piping - Observation of Work and Work Activities (Unit 1)

The applicable code for installation of safety-related piping is the ASME Boiler and Pressure Vessel Code, Section III, 1974 Edition plus addenda through summer 1975. The inspector observed hydro test No. 1KC1, Section 5 to determine if code and procedure requirements were being met.

No violations or deviations were identified.