



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

JUN 10 1981

Report Nos. 50-413/81-09 and 50-414/81-09

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 facility near Rock Hill, SC

Inspector: J. R. Harris 6/8/81
Date Signed

Accompanying Personnel: Alain Dore and Bernard Roche,
French Central Service for Nuclear Safety

Approved by: T. E. Conlon 6-9-81
Date Signed
T. E. Conlon, Section Chief
Engineering Inspection Branch
Engineering and Technical Inspection Division

SUMMARY

Inspection on May 19-22, 1981

Areas Inspected

This routine, unannounced inspection involved 28 inspector-hours onsite in the areas of structural concrete, construction status and previously identified items.

Results

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

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *E. G. Beam, Project Manager, (Outgoing)
- *J. C. Rogers, Project Manager (Incoming)
- *S. W. Dressler, Senior Construction Engineer
- *R. A. Morgan, Senior QA Engineer
- *C. R. Sheriff, Supervisory Technician, Civil QC
- *F. H. Robertson, Construction Engineer, Civil
- *W. T. McClure, QA Technician

Other licensee employees contacted included four construction craftsmen, three technicians, and two office personnel.

Other Organizations

- A. Dore, French Central Service for Nuclear Safety
- B. Roche, French Central Service for Nuclear Safety

NRC Resident Inspector

- *P. K. VanDoorn

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on May 22, 1981 with those persons indicated in paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

(Open) Unresolved Item (414/80-33-01) Identification of Concrete Honeycomb. The licensee methods are not clear as to the identification and tracking of honeycomb that occurred in concrete pours prior to 1979. Observations and discussions with responsible engineers disclosed that honeycomb which occurred prior to 1979 is now being tracked and repaired according to revised instructions in procedure M-2. This item remains open pending review by NRC of the licensee's records on identification and repair of honeycomb which occurred prior to 1979.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection

The inspector examined ongoing work activities in Units 1 and 2, the soils and concrete testing laboratory and completed concrete structures.

No violations or deviations were identified.

6. Containment (Structural Concrete II) - Observation of Work and Work Activities

The inspector observed partial placement of pour number RB2-33B, 4716 in the Unit 2 reactor building dome. Acceptance criteria examined by the inspector appears in:

- a. PSAR, Section 3.8
- b. Procedure M-2
- c. CNS-1109.00-1, Specification for Concrete for Category I Structures

Preplacement inspection was indicated by the properly signed pour card. Placement activities pertaining to delivery time, free fall, flow distance, layer thickness and consolidation conformed to specifications. Activities were continuously monitored by QC personnel.

Sampling for temperature, slump, air content, unit weight and cylinder molding were taken in accordance with specifications and procedures. Post placement inspection revealed the pour card was signed and prescribed curing was in progress.

Examination of the batch plant and stockpiles showed materials are being controlled and accurate batch plant records were being generated.

No violations or deviations were identified.