



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

Report Nos. 50-413/79-9 and 50-414/79-9

Licensee: Duke Power Company
422 S. Church Street
Charlotte, North Carolina

Facility Name: Catawba Nuclear Plant, Units 1 and 2

Docket Nos. 50-413 and 50-414

License Nos. CPPR-116 and CPPR-117

Inspection at Catawba Site near Rockhill, South Carolina

Inspector:

T. P.

Gibbons

5/24/79

Date Signed

Approved by:

J. E.

Bryant, Section Chief, RCES Branch

5/24/79

Date Signed

SUMMARY

Inspection on May 8-11, 1979

Areas Inspected

This routine unannounced inspection involved 29 inspector-hours onsite in the areas of electrical work and work activities, quality records, and instrumentation storage.

Results

Of the areas inspected, no apparent items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

D. Beam, Project Manager
*D. L. Freeze, Project Engineer
*R. A. Morgan, Senior QA Engineer
*L. R. Davidson, Senior QC Engineer
*H. D. Mason, QA Engineer

*Attended exit interview.

2. Exit Interview

The inspection scope and findings were summarized on May 11, 1979, with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort

The inspector examined the warehouse storage areas used for instrumentation and electrical equipment. The in-place installation and storage of the emergency diesel generator and the installation of the safety-related cable tray system in the auxiliary building was observed. The Duke Transmissions Department electrical instrument test procedures manual was reviewed. This manual includes procedures for the setting of relays and the calibration of electrical instrumentation.

Within the areas examined, there were no items of noncompliance or deviations identified.

6. Electrical (Components and Systems) Review of Quality Records (Unit 1)

Ten nonconforming item (NCI) reports were selected for a review to assure that the requirements of Duke Power Company's (DPC) NCI procedure Q1 were being complied with in the areas of current status, legibility, review of QC, retrievability and corrective action. The NCI's reviewed were 4953, 4907, 4667, 4657, 4649, 4618, 4970, 3996, 3953, and 3952.

The training and certification records of five inspectors and three QA analysts were reviewed to establish that they were complete and current. The records confirm that the individuals are qualified for the duties they perform.

Within the areas examined, there were no items of noncompliance or deviations identified.

7. Electrical (Components and Systems) Observation of Work and Work Activities (Unit 1)

The inspector selected the following items for examination to assure that the requirements of DPC's Quality Assurance Manual (QAM) procedures P1, P3, Q1, J1 and M41 which cover receiving inspection, storage, installation inspection, protection, nonconformance control, and qualification of inspectors were being followed.

- a. 120 Volt DC Battery IEBA
- b. 120 Volt DC Bus IEDA
- c. 120 Volt DC Distributor IEPA
- d. 120 Volt DC Battery Charger IECA
- e. 120 Volt DC to AC Inverter IE1A
- f. 120 Volt Vital AC Distributor IERPA

Within the areas examined, there were no items of noncompliance or deviations identified.

8. Electrical (Components and Systems) Review of Quality Records (Unit 1)

The inspector selected the equipment identified in paragraph 7 for a quality records review to assure that the DPC QAM procedures were being followed in the areas of receipt inspection, certification system, storage inspection, handling, cleanliness, installation inspection and protection.

Eleven NCI's were selected to assure compliance with the procedural requirements for status legibility, completeness, QC review, retrievability and corrective action status. NCI's selected were 4338, 4327, 4316, 4315, 4314, 4312, 4311, 4566, 4557, 4553, and 4584.

Within the areas examined, there were no items of noncompliance or deviations identified.