



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

Report Nos.: 50-413/87-17, 50-414/87-17, 50-269/87-18, 50-270/87-18 and
50-287/87-18

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

Docket Nos.: 50-269
50-270
50-287
50-413
50-414

License Nos.: DPR-38
DPR-47
DPR-55
NPF-35
NPF-52

Facility Names: Oconee 1, 2 and 3
Catawba 1 and 2

Inspection Conducted: May 18-21, 1987

Inspector: J. S. Mellen
J. S. Mellen

6/24/87
Date Signed

Approved by: G. A. Beliste
G. A. Beliste, Chief
Quality Assurance Programs Section
Division of Reactor Safety

6/25/87
Date Signed

SUMMARY

Scope: This routine, unannounced inspection was in the areas of licensee actions on previously identified enforcement matters and licensee actions on previously identified inspection findings.

Results: No violations or deviations were identified.

8707130238 870630
PDR ADOCK 05000269
Q PDR

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- W. Bradley, Surveillance Supervisor
- *D. Miller, Surveillance Specialist
- *J. Munn, Quality Assurance (QA) Associate
- T. Newton, Surveillance Clerk
- G. Robinson, QA Engineer II
- *F. Schiffley, Licensing Engineer
- T. Self, Maintenance Coordinator
- J. Willis, Station QA Manager
- *K. Schmidt, QA Engineer II
- R. Futrell, Manager, Nuclear Safety Assurance
- R. Cole, Production Specialist III
- S. Adams, Assistant Engineer
- B. Wells, Production Specialist I
- T. Dwyer, Project Services
- W. McAlister, Support Engineering
- W. Rostron, Engineering Specialist
- **T. Matthew, Compliance
- B. Longgear, Compliance
- **C. Harlin, Compliance

NRC Resident Inspectors

- *K. Vandoorn, Senior Resident Inspector, Catawba
- P. Skinner, Senior Resident Inspector, Oconee
- **L. West, Resident Inspector, Oconee

- *Attended Catawba/Corporate exit
- **Attended Oconee exit

2. Exit Interview

The inspection scope and findings were summarized on May 19, 1987, with Catawba and Duke Power Company Corporate office personnel and on May 20, 1987, with Oconee personnel. 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 these inspections.

3. Licensee Action on Previous Enforcement Matters (92702)

(Closed) Violation 413/86-46-01: Failure To Report 10 CFR 50.59 Information.

The licensee's response dated January 13, 1987, was considered acceptable by Region II.

The annual 10 CFR 50.59 report will be reviewed upon its submittal.

The inspector concluded that the licensee had determined the full extent of the violation, taken action to correct current conditions, and developed corrective actions needed to preclude recurrence of similar problems. Corrective actions stated in the licensee's response, although not fully implemented, appear adequate.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Licensee Action on Previously Identified Inspection Findings (92701)

- a. (Closed) Inspector Followup Item 413/86-46-03 and 414/86-49-03: Documented Use of M&TE.

Measuring and Test Equipment (M&TE) was not being documented on issue cards, which allows M&TE checked out for a particular job to be used for another job without being properly documented. The inspector reviewed M&TE surveillance reports CN-84-08, CN-84-16, CN-86-23, and CN-86-50 which identified problems in the M&TE area. Additionally the inspector reviewed Problem Identified Report, PIR-0-C86-0106, one time self-study trained Procedure CSSP-111, Calibrated Instrument Controls, and portions of the general employee training given to personnel who work in the M&TE area. A QA audit of this area will not be performed until the fourth quarter of 1987. Self study training and the associated management emphasis will have a positive affect in this area. The licensee is considering incorporation of the self study program into their normal training after evaluating its effectiveness.

- b. (Closed) Inspector Followup Item 413/85-49-01: Nuclear Safety Review Board Irregularities.

Procedures and plant modifications were reviewed by the Director of the Nuclear Safety Review Board (NSRB) and the Nuclear Safety Analysis (NSA) staff rather than the full NSRB. The inspector reviewed NSRB procedure NSRB/7, Independent Review of Nuclear Safety Evaluations Check List for Station Procedures, Changes and Completed Nuclear Safety Modifications (NSM) dated April 28, 1986. This procedure addresses the concerns noted in inspector followup item 413/85-09-01, in that any 10 CFR 50.59 check list with one or more areas marked yes will be forwarded to the full NSRB for their review. The licensee is developing a training program for Unreviewed Safety Question documentation preparers and reviewers, at the completion on this training program the NSA staff or the Director of the NSRB may screen these documents prior to submittal to the full NSRB.

- c. (Closed) Inspector Followup Item 269, 270, 287/85-11-03: Correction of Design Deficiency in Nuclear Station Modification (NSM) ON-1826 Part A.

NSM-ON-1826 Part A was prepared in response to NUREG-0578 commitments which involved the addition of test circuitry to facilitate Technical Specification required periodic testing of the control oil pressure switches in the Emergency Feed Water Pumps (EFWP). After installation, a design deficiency was noted because of the double cam arrangement of the test switch. Under certain conditions, the test switch functions as a break-before-make switch. In order to prevent the inadvertent start of the Motor-driven EFWP, a jumper is required to be installed between contacts nine and ten each time the functional test is performed. The inspector reviewed the licensee's design document for the resolution of this deficiency. Additionally, the inspector discussed the current testing methodology with test personnel. The licensee intends to have the modification installed on all units prior to June 15, 1988. If the schedule cannot be met, the licensee will notify NRC, Region II, in writing prior to June 15, 1988.

- d. (Closed) Inspector Followup Item 414/86-49-02: QA involvement in Unit 2 Startup Test Program.

The inspector reviewed QA involvement from a generic perspective to determine if safety-related areas are being deleted or lightly treated by the licensee's QA staff.

The inspector selected the following surveillance reports written since the inspector followup item was written to determine if the noted condition still existed:

CN-86-26	Drawing and Microfilming
CN-86-31	Document Control, House Keeping and Record Storage
CN-86-36	Chemical & Reagent Storage & Control
CN-86-42	Station Labeling
CN-86-48	Independent Verification
CN-86-53	Material, Parts and Components
CN-87-03	Logs and Records
CN-87-08	Independent Verification

The inspector reviewed the surveillance reports and conducted interviews with selected QA inspectors. The inspector did not identify any deficiencies in the reports.

Additionally, the inspector discussed the methodology used to determine if findings were isolated events or were generic in nature. The lines of communication were clear between the QA inspectors and their supervision. The determination of the level of corrective action was clearly with QA supervision with input from the QA inspectors.

There was no evidence of the lack of QA involvement in the areas inspected.