



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

Report No.: 50-370/83-05

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

Docket No.: 50-370

License No.: CPPR-84

Facility Name: McGuire 2

Inspection at McGuire site near Charlotte, North Carolina

Inspector: T. D. Gibbons 1/24/83
Date Signed

Approved by: T. E. Conlon 1-25-83
Date Signed
 T. E. Conlon, Section Chief
 Engineering Program Branch
 Division of Engineering and Operational Programs

SUMMARY

Inspection on January 4-7, 1983

Areas Inspected

This routine, unannounced inspection involved twenty-eight inspector-hours on site in the areas of licensee action on previous enforcement matters, independent inspection effort.

Results

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

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *G. W. Grier, Corporate QA Manager
- J. T. Moore, Project Manager
- *M. S. Starnes, Project Engineer
- *R. P. Roth, Project QA Supervisor
- *F. S. Bulgin, Project QA Engineer
- *D. Mendezoff, Nuclear Licensing Engineer

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on January 7, 1983, with those persons indicated in paragraph 1 above.

3. Licensee Action on Previous Enforcement Matters

(Closed) Violation 370/82-32-01, Failure to meet the electrical cable separation criteria. The licensee's response dated December 22, 1982 has been reviewed and determined to be acceptable. The licensee has installed the component cooling water cable 2KC520 in a separate electray to eliminate the interaction with the non-safety cables associated with the redundant safety train B. The licensee has performed an audit of 300 additional cables to assure that no other non-safety cables were mutually common to redundant safety trains. The procedure was revised to require an inspection to verify that non-safety cable is not installed mutually common to redundant safety trains. This violation is closed.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection Effort (92706B)

The inspector examined the licensee fire stop installation. The specification MCS-1390.01-00-056 "Specification for Building Cable Penetration Fire Stops" and procedures M53ASN1 "Cable Tray Fire Stops and HVAC Fire Stops" and M53ASN007 "Breaching and Repair of Fire Stops" were reviewed. The inspector examined the installation seals on 59 conduits, 18 openings and 2 cable trays. The term openings is used to indicate an opening in the wall or floor which allows routing of conduit through the wall or floor. The following listing identifies the seals which were examined.

ELEVATION 750

DRAWING 1384-06-04

<u>Number of Seals</u>	<u>Grid Location</u>	<u>Size and item sealed</u>
1	56-57, CC-DD	8 inch x 17 inch opening
6	59-60, DD	4 inch conduit
3	59-60, DD Floor	4 inch conduit
1	60-61, CC-DD	9 inch x 30 inch floor opening
1	60-61, CC-DD	4 inch x 30 inch floor opening
1	61, CC	4 inch conduit
2	56-57, AA-BB	5 inch x 12 inch opening
2	56-57, BB-CC	5 inch x 12 inch opening
1	56-57, CC-DD	5 inch x 12 inch opening
5	65-66, AA	6 inch conduit
2	64-65, AA	6 inch conduit
5	62-63, AA	6 inch conduit
4	61-62, AA	6 inch conduit
2	61-62, AA	4 inch conduit
5	66-67, AA	6 inch conduit
1	66-67, AA	4 inch conduit
2	60-61, AA	4 inch conduit
1	59-60, AA	28 inch x 43 inch opening
1	59-60, BB	40 inch x 42 inch opening
1	60-61, BB	11 inch x 31 inch opening
1	60-61,	36 inch x 43 inch opening
1	60-61,	43 inch x 30 inch opening

ELEVATION 716

DRAWING 1384-06-02

<u>Number of Seals</u>	<u>Grid Location</u>	<u>Size and item sealed</u>
6	58-59, FF-GG	4 inch conduit
6	57-58, FF-GG	4 inch conduit
6	56-57, FF-GG	4 inch conduit
5	58-59, GG	4 inch conduit
1	57-58, GG-HH	6 inch x 38 inch opening

ELEVATION 733

DRAWING 1384-06-03

<u>Number of Seals</u>	<u>Grid Location</u>	<u>Size and item sealed</u>
2	60-61, MM-NN	8 inch opening
2	66-67, B	Cable Tray
1	66-67, MM-NN	26 inch x 20 inch opening
1	66-67, MM-NN	18 inch x 18 inch opening

The inspector observed the inprocess work on several seals.

Within the area examined, there were no violations or deviations identified.