

APPENDIX A

NOTICE OF VIOLATION

Duke Power Company
McGuire

License No. CPPR-84

Based on the NRC inspection June 24-27, 1980, certain of your activities were apparently not conducted in full compliance with NRC requirements as indicated below. These items have been categorized as described in correspondence to you dated December 31, 1974.

- A. As required by 10 CFR 50, Appendix B Criterion V and Implemented by Duke Power Company's Topical Quality Assurance Report 1A, states in part "Activities affecting quality shall be prescribed by documented instructions, procedures or drawings, of a type appropriate to the circumstances." Duke's Topical Report 1A, Table 17.0-1 commits to Regulatory Guide 1.30 which endorses ANSI N45.2.4 paragraph 5.1.1 states in part "Inspections to verify correctness of installation shall include... verification of... tightness of connections...and termination". Instruction M41B, serial 15 is the procedure utilized by McGuire Nuclear Plant for inspection of cable terminations.

Contrary to the above, on June 26, 1980 the following items were identified:

1. Terminations in motor operated valves 2*NM191B and 2*NV142B were loose.
2. Instruction M41B, serial 15 is inadequate. It does not require inspection of terminations and connections for remote devices.

This is an infraction.

- B. As required by 10 CFR 50, Appendix B, Criterion XI and implemented by the Duke Power Company's Topical Quality Assurance (QA) Program Report 1A requires that "A test program shall be established...and performed in accordance with written test procedures...test results shall be documented and evaluated..." The topical report states in table 17.0-1 that the QA program will conform to Regulatory Guide 1.30 which endorses ANSI N45.2.4. ANSI N45.2.4, paragraph 5.2 states in part "Surveillance of construction activities shall include tests performed in accordance with written test procedures".

Contrary to the above, on June 27, 1980 the licensee was performing a circuit test without a procedure.

This is an infraction.

- C. As required by 10 CFR 50, Appendix B, Criterion V and implemented by Duke Power Company's Topical QA Report 1A, Section 17.1.5.2 states in part "...work performed on safety-related items be accomplished in accordance with the requirements imposed by specifications, drawings, codes...". M41B, Serial 14, Revision 4 is the instruction utilized by McGuire Nuclear Plant for the inspection and documentation of safety-related cable installation. Supplemental Inspection Instruction M41B Serial 14, Revision 4 requires that minimum bend radius be inspected. The minimum bend radius (MBR) for power cable is eight diameters as defined in M41B Serial 14.

Contrary to the above, on June 27, 1980 the following item was identified:

A cable, in cable tray junction point 8935, was observed not to meet the minimum bending radius. The cable diameter was 1½ inches, which required a 12 inch MBR. The cable bend radius was measured to be 10 inches. This cable was color coded as safety related and had been inspected during installation.

This is an infraction.