

APPENDIX A

NOTICE OF VIOLATION

Mississippi Power and Light Company
Grand Gulf Nuclear Station

License Nos. CPPR-118
& CPPR-119

Based on the NRC inspection July 24 through August 24, 1979, 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.

As required by Criterion II of Appendix B to 10 CFR 50 and implemented by Grand Gulf Nuclear Station PSAR Section 17.1.2.3.1, the quality assurance program will apply those quality system elements necessary to assure that systems and components important to safety meet the quality requirements. Grand Gulf Nuclear Station FSAR, Section 7.1.2.2.5.3.f, states that "detailed design basis, description and safety evaluation aspects for the PGCC system are documented and presented in GE Topical Report: "Power Generation Control Complex"; NEDO-10466, Rev. 1 (9/77)". GE NEDO-10466 states that "based on the design requirements, the optimum connector is one that meets (as a minimum) MIL-C-5015G". MIL-C-5015G states that "contacts shall conform to MIL-C-23216". MIL-C-23216C, dated 7 November 1969, specifies that "the minimum axial load required to separate the wire from contacts which have not been subjected to thermal conditioning (Composition A), either by pulling the wire from the contacts or breaking the wire within the barrel, shall not be less than 50 pounds for 16 AWG wire and 20 pounds for 20 AWG wire.

Contrary to the above, GE procedure II CA-010, revision 4, specifies pull test acceptance values of 15 pounds for 16 AWG wire and 8 pounds for 20 AWG wire. Additionally, statistical analysis of Grand Gulf PGCC Category 1, 2, 3 and 4 connectors were based on pull test acceptance values of 15 pounds for 16 AWG wire and 8 pounds for 20 AWG wire.

This is an infraction.

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