

ENCLOSURE 2

NOTICE OF DEVIATION

Georgia Power Company
Vogtle

Docket Nos. 50-424 and 50-425
License Nos. CPPR-108 and CPPR-109

The following deviation was identified during an inspection conducted on February 25 - March 1, 1985.

The Vogtle Final Safety Analysis Report (FSAR) contains the following commitments to fabricate and construct safety-related structures in accordance with AWS D1.1 welding requirements.

FSAR Section 3.8.3.2.1, Codes and Standards, lists American Institute of Steel Construction (AISC) specification for design, fabrication and erection of structural steel for buildings. The AISC specification in turn references AWS D1.1 for welding and inspection requirements.

FSAR Section 3.8.3.2.5, Industry Standards, states, in part, "... and American Welding Society (AWS) are used to specify material properties, testing, procedures, fabrication and construction methods." The implementing site document is Bechtel Power Corporation (BPC) specification X4AJ01, Appendix VC, which lists AWS D1.1-1979 edition as the code of record.

Contrary to the FSAR commitments, the licensee's site specification X4AJ01, Appendix VC, excluded porosity as cause for rejection of safety-related structural welds, with the result that on February 27, 1985, the welds connecting piece B5 to piece P201 on the Unit 1 containment pipe rack, R0006, were accepted by quality control inspectors even though the welds contained porosity clusters which were rejectable by AWS D1.1-1979 requirements.

Please provide, in writing within 30 days of the date of this Notice, a description of corrective actions regarding this deviation, actions taken to avoid further deviations, and the dates when these actions were or will be completed.

Security or safeguards information should be submitted as an enclosure to facilitate withholding it from public disclosure as required by 10 CFR 2.790(d) or 10 CFR 73.21.

Date: APR 11 1985

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