

APPENDIX A
NOTICE OF VIOLATION

Georgia Power Company
Vogtle 1 and 2

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

As a result of the inspection conducted on August 9-13, 1982, and in accordance with the NRC Enforcement Policy, 47 FR 9987 (March 9, 1982), the following violations were identified.

- A. 10 CFR 50, Appendix B, Criterion V as implemented by paragraph 17.1.5 of the PSAR requires activities affecting quality be accomplished in accordance with documented procedures and that the procedure be of a type appropriate to the circumstances. Section III, subsection NC of the ASME Code (77 W77) paragraph NC-4250 requires that the welding ends of items or fittings shall provide a gradual change in thickness from the item of fitting to the adjoining item. Any weld end transition angle which exceeds 30 degrees maximum is unacceptable.

Contrary to the above, the licensee procedure (X-18, Field Welding Inspection) for final visual inspection of weld ends or fittings was not of the type appropriate to the circumstance in that it did not address transition between different wall thickness. As a result, completed weld joints number 003-W-14, 003-W-15, 003-W-18, 003-W-19, 003-W-20, and 003-W-21 had been accepted by the licensee with a transition angle between different wall thickness which exceeded 30 degrees.

This is a Severity Level V Violation (Supplement II).

- B. 10 CFR 50, Appendix B, Criterion V as implemented by paragraph 17.1.5 of the PSAR requires that activities affecting quality be accomplished in accordance with documented procedures. Procedure IX-52 (Procedure for Removal of Weld Spatter and Arc Strikes) Section 5.0, requires that arc strikes discovered on piping or components shall be removed as follows:
- (1) QC inspector shall record the location of the arc strike on the "Record of Arc Strike Removal" (Form VF-107), indicating the line number, iso, component tag number, and/or any other information necessary to accurately locate the area.
 - (2) QC shall have craftsmen file or grind lightly for removal of the affected area.

- (3) If the arc strike is removed before reaching a maximum depth of 12½% of nominal wall thickness, QC records the depth and size of the excavated area on the "Record of Arc Strike Removal". QC then forwards the record Form VF-107 to the QA Engineer. The QA Engineer will request a Liquid Penetrant PT if required, and complete and file the record.
- (4) If removal of the arc strike is not accomplished within the 12½% limit QC records the dimensions of the excavation, checkmarks NRC required on Form VF-107, and initiates the NCR, then forwards the handwritten NCR and "Arc Strike Removal Record Form" to the QA Engineer for further processing. QC places a Hold Tag adjacent to the excavation.

Contrary to the above, on August 10, 1982, activities were not accomplished in accordance with documented procedures in that: arc strikes were removed by craftsmen from base metal adjacent to completed and accepted weld joint nos. 057-W-08 and 057-W09 without authorization from the QC inspector. No VF-107 form had been initiated and liquid penetrant was not performed.

This is a Severity Level V Violation (Supplement II).

Pursuant to the provisions of 10 CFR 2.201, you are hereby required to submit to this office within thirty days of the date of this Notice, a written statement or explanation in reply, including: (1) admission or denial of the alleged violations; (2) the reasons for the violations if admitted; (3) the corrective steps which have been taken and the results achieved; (4) corrective steps which will be taken to avoid further violations; and (5) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Date: August 27, 1982