

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Browns Ferry

Docket No. 50-259, 50-260, 50-296
License No. DPR-33, DPR-52, DPR-68

During an NRC inspection conducted on April 20 - May 22, 1992, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1990), the violation is listed below:

10 CFR 50 Appendix B, Criterion III and the licensee's accepted Nuclear Quality Assurance Plan 89-A, Revision 2, Section 7.0 collectively specifies that measures shall be established to assure that appropriate quality standards are specified and included in design documents and that deviation from such standards are controlled.

Licensee calculation ED-Q2000-870026, "4.16 kV and 480 V Busload and Voltage Drop Calculations with Offsite Power", Revision 9, demonstrates that adequate safety system operation is only possible when the Unit Station Service load tap changer selector switch is monitoring the winding supplying the shutdown board.

Technical Specification 6.8.1 states in part that adequate procedures will be implemented covering safety-related activities.

Contrary to the above, the licensee failed to adequately implement design requirements in Switchyard Operating Procedure 6055 and General Operating Procedure O-G01-3001. These procedures specified that the most heavily loaded winding should be monitored, which could be the winding supplying non-essential loads. If the tap changer was not monitoring the winding supplying the shutdown board when a Loss of Coolant Accident (LOCA) occurs, the tap changer would not properly respond to the voltage drops resulting from LOCA load sequencing. This could result in actuation of the undervoltage protection scheme which would isolate the preferred (offsite) source from the shutdown boards.

This is a Severity Level IV violation (Supplement I).

Pursuant to the provisions of 10 CFR 2.201, Tennessee Valley Authority is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region II, Browns Ferry, and a copy to the NRC Resident Inspector, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that will be taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full

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compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order or demand for information may be issued to show cause why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Dated at Atlanta, Georgia
this 18th day of June 1992

