

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority  
Watts Bar Unit 1

Docket Nos.: 50-390,  
License Nos.: CPPR-91

During an NRC inspection conducted on March 22-26, March 30 - April 2, and April 6-9, 1993, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violations are listed below:

- A. 10 CFR 50 Appendix B Criterion XVI, Corrective Action, requires that measures shall be established to assure that conditions adverse to quality are promptly identified and corrected. In the case of significant conditions adverse to quality the measures shall assure that the corrective action taken will preclude repetition.

Contrary to the above, on April 6, 1993, the measures established to correct a coordination problem with the Westinghouse DS-206 type breakers were inadequate to prevent further recurrence of the problem. As a consequence, four Westinghouse type DS-206 breakers with long time and short time (LS) trip devices did not have the required jumper installed to disable a discriminator circuit. This discriminator circuit if not disabled could result in breaker coordination problems.

This is a Severity Level IV violation (Supplement II) applicable to Unit 1 only.

- B. 10 CFR 50, Appendix B, Criterion III, Design Control requires that design control measures shall be established to assure that applicable regulatory requirements and the design basis are correctly translated into specifications, drawings, procedures and instructions. These design control measures shall provide for verifying or checking the adequacy of design.

Contrary to the above, at the time of the inspection on April 6, 1993, the design control measures applied to design drawings 1-45W749-1, -1A, -2, and -2A were inadequate to assure that the as-built configuration of the 480 Volt Shutdown Power System was correctly translated into as-built design drawings. As a consequence the normal and alternate power feeders for the diesel auxiliary boards, a load off the shutdown boards, had been deleted from the drawing and were shown as spares when in fact the feeder cables were either still installed or a Temporary Modification was in place.

This is a Severity Level IV violation (Supplement II) applicable to Unit 1 only.

- C. 10 CFR 50, Appendix B, Criterion V requires that activities affecting quality shall be prescribed by documented instructions, procedures or drawings of a type appropriate to the circumstances and shall be

accomplished in accordance with those instructions, procedures, or drawings. Startup Manual Procedure (SMP) 8.0, Revision 7, paragraph 2.3.13, gave the requirement for identifying measuring and test equipment (M&TE) in preoperational test instructions. It stated in part that "M&TE shall be designated by instrument model and/or type including range and accuracy requirements.

Contrary to the above, Preoperational Test Instruction PTI 212-01, Revision 0, received final approval by the Startup Manager on February 2, 1993, without the appropriate range and accuracy requirements for M&TE being specified in the procedure.

This is a Severity Level IV Violation (Supplement II). This violation is applicable to Unit 1 only.

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, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice, 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 for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full 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 as to 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 7th day of May 1993