

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority  
Watts Bar Nuclear Plant

Docket No. 50-390  
License No. CPPR-91

During an NRC inspection conducted on March 4 to April 4, 1994, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," the violation is listed below:

10 CFR 50 Appendix B, Criterion V as implemented by TVA Nuclear Quality Assurance (NQA) Plan, TVA-NQA-PLN 89-A (Revision 3), Section 6.1 requires that activities effecting quality shall be prescribed by documented instructions, procedures or drawings of a type appropriate to the circumstance and shall be accomplished in accordance with these instructions, procedures or drawings. Instructions, procedures or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished.

Startup Manual Procedure (SMP-3.0), Joint Test Group (JTG) Charter (Revision 8) Section 2.2, JTG Responsibilities, specifies primary responsibilities to its members for verifying test objectives, acceptance criteria, testing methodology, and calculations comply with approved design output documents, licensee commitments, and the FSAR and have been adequately covered in the test instructions.

Contrary to the above, as of April 4, 1994 the JTG failed to implement their responsibilities to verify that testing methodology have been adequately covered in the test instructions. As a consequence the following Preoperational Test Instruction (PTI) was determined to be inadequate in the area of test methodology, which would have affected the test objective to verify design flow rates to the condensate demineralizers and the cooling tower blowdown flow paths. PTI 015.01, Steam Generator Blowdown, (Revision 0), Sections 6.9, 6.10, 6.11, 6.12 requires verifying the ability to achieve design flow rates through the condensate demineralizer and cooling tower blowdown flow paths. PTI 015.01 specified the use of Temporary Operating Plan (TOP) 015.02, Steam Generator Blowdown, (Revision 0) to align the steam generator blowdown system valves and specifies the section of the TOP to be used for system operation. TOP 015.02 valve alignment and system operating instructions would have directed flow to the condenser and not permitted flow to the condensate demineralizer. TOP 015.02 valve alignment and system operating instructions for the cooling tower blowdown flow rate verification would have directed blowdown to both the condensate demineralizer and cooling tower blowdown in lieu of the cooling tower blowdown path.

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

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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 3rd day of May 1994