

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Watts Bar

Docket Nos. 50-390 and 50-391
License Nos. CPPR-91 and CPPR-92

The following violations were identified during an inspection conducted on December 12 - 16, 1983. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

1. 10 CFR 50, Appendix B, Criterion 7, as implemented by the approved Quality Assurance Program (TVA-TR75-1A, Revision 5) and the Operational Quality Assurance Manual (OQAM) Part II, Section 4.1 for the preoperational test program, requires that activities affecting quality shall be accomplished in accordance with instructions, procedures, or drawings.

Contrary to the above, between December 1980 and July 1981, procedural steps in preoperational test TVA-14E were signed off stating that the prestart jacket water and lubrication oil temperatures, recorded on data sheets 5.1.5.5, 5.2.5.5, 5.3.5.5, and 5.4.5.5 for diesel generators (D/G) 1A-A, 1B-B, 2A-A, and 2B-B respectively; were within the design specifications listed on the data sheets, when the temperatures recorded on the data sheets were actually outside the limits specified.

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

2. 10 CFR 50, Appendix B, Criteria V and XI, as implemented by the approved Quality Assurance Program (TVA-TR75-1A, Revision 5) and the OQAM Part II, Section 4.1 for the preoperational test program, requires adherence to procedural measures established for documentation and evaluation of test results to assure that test requirements have been satisfied.

Contrary to the above, on October 14, 1983, documented test results were inadequately evaluated by the Division of Engineering Design (ENDES) to assure that test requirements were met for test TVA-14E in that the evaluation did not:

- a. Identify that D/G prestart data recorded on data sheets 5.X.8.5/5.X.8.7 were incorrectly accepted as being within design specifications when the data were not within design specifications.
- b. Identify that the test director failed to follow the preoperational test procedure when he signed procedural steps indicating that the D/G jacket water and lubrication oil prestart temperatures recorded on data sheets 5.1.5.5, 5.2.5.5, 5.3.5.5 and 5.4.5.5 were within design specifications.

- c. Address why the low temperature alarms for D/G jacket water and lubrication oil did not annunciate in the control room or D/G rooms due to the low temperatures.
- d. Address the possible inability of the jacket water immersion heaters to maintain the prestart temperatures above the minimum specified.
- e. Identify that the jacket water and lubrication oil prestart minimum temperatures did not agree with those specified in FSAR Sections 9.5.5 and 9.5.7.
- f. Address the inconsistencies in the data recorded on data sheets 5.X.8.5/5.X.8.7 during the 24 hour heat run for D/G 2B-B.

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

Pursuant to 10 CFR 2.201, you are 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.

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.

JAN 13 1984

Date: _____