

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Browns Ferry 1, 2, and 3

Docket Nos. 50-259, 50-260, and 50-296
License Nos. DPR-33, DPR-52, and DPR-68

The following violations were identified during an inspection conducted on March 26 - April 25, 1985. The Severity Levels were assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

Technical Specification 6.3.A.6 requires that detailed written procedures covering surveillance and testing requirements be adhered to.

Contrary to the above, the licensee failed to adhere to battery surveillance instructions established to satisfy the surveillance requirements of Technical Specification 4.9.A.2 in the following examples:

- a. Although Surveillance Instruction SI 4.9.A.2.a, Auxiliary Electrical Equipment - Battery Check, specifies in Step 4.3 that the reviewing engineer initiate any necessary corrective action should the acceptance criteria not be met; no corrective action was initiated following completion of SI 4.9.A.2.a on February 11, 1985, when Diesel Generator A Battery overall voltage was outside the acceptance criteria of 133.5 1.5 volts (it was 130.4 volts).
- b. Section 3.0 of Surveillance Instruction SI 4.9.A.2.a requires recording pilot cell voltages and specific gravities of the unit batteries, shutdown board batteries and diesel generator batteries. Step 3.1 of SI 4.9.A.2.a references Electrical Maintenance Instruction EMI 4.D.7 for the determination of battery pilot cells. Although EMI 4.D.7 specifies cell number 68 for the main and shutdown board battery pilot cells and cell number 38 for the diesel generator battery pilot cells, these cells were not checked during the performance of SI 4.9.A.2.a on February 25, 1985. Instead, cell number 60 was checked for the main and shutdown board batteries and cell number 30 was checked for the diesel generator batteries.
- c. Step 3.7 of Surveillance Instruction SI 4.9.A.2.b, Auxiliary Electrical Equipment - Battery Analysis, requires that the voltage of all battery cells be verified to be within 0.1 volt of average battery cell voltage. This verification was not correctly performed during SI 4.9.A.2.b conducted on the 250 volt Main Battery No. 2 on February 20, 1985. The average battery cell voltage was initially calculated based upon overall battery voltage of 262.4 volts. Step 3.6 of SI 4.9.A.2.b defines average battery cell voltage as overall battery voltage, divided by the number of cells in the battery.

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When the overall battery voltage was subsequently corrected to 268.4 volts, the average battery cell voltage was not recalculated and the verification that individual cell voltages were within 0.1 volt of average battery voltage therefore remained in error.

Contrary to the above, Plant Standard Practice BF 14.25, Clearance Procedure, was not followed in that all electrical power was not isolated from the 2DA low pressure coolant injection (LPCI) motor-generator set under hold order 85-150A. The motor was removed with voltage (18 volts) still applied to the thermistor leads. On April 23, 1985, the inspectors observed that various indicating lights were still illuminated although hold order tags were in place.

Additionally, it was found that the number three tag for hold order 85-150A for the 2DA LPCI motor-generator set was hung on the 2EN LPCI motor generator set (hold order 85-118) and vice versa.

This is a Severity Level V violation (Supplement I) and is applicable to all units.

Pursuant to 10 CFR 2.201, you are required to submit to this office within 30 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.

Date: MAY 22 1985

