

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority  
Browns Ferry 1, 2, and 3

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

The following violations were identified during an inspection conducted on January 26 - February 25, 1984. 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 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 these instructions, procedures, or drawings.

Contrary to the above, this requirement was not met in that Standard Practice 23.1 (Nuclear Digital Computer Software Systems) was not adequately accomplished to control the Kf breakpoint factor used in the determination of the Minimum Critical Power Ratio (MCPR) correction for reduced flow. This resulted in nonconservative calculations by the process computer of the MCPR limit from the beginning of cycle startup on December 29, 1983 until January 30, 1984. A factor of 0.75 was used instead of 0.80. MCPR requirements are specified in Technical Specification 3.5.K.

This is a Severity Level IV Violation (Supplement I) applicable to Unit 1.

2. Technical Specification 3.7.G.2 requires that the Containment Atmosphere Dilution (CAD) System shall be operable whenever the reactor mode switch is in the "RUN" position.

Contrary to the above, this requirement was not met in that the two independent CAD systems were inoperable from January 25-27, 1984, for 40 hours due to isolation valves 0-84-506 and 0-84-556 in the CAD tank pressure buildup circuit being shut contrary to operating requirements. Units one and two were operating in the "RUN" mode during this time.

This is a Severity Level IV Violation (Supplement I) applicable to Units 1 and 2.

3. Technical Specification 6.3.A.1 requires that detailed written procedures shall be prepared, approved, and adhered to for normal startup, operation and shutdown of the reactor and of all systems and components involving nuclear safety of the facility.

Contrary to the above, this requirement was not met in that plant operating instruction OI-84 for the Containment Atmosphere Dilution (CAD) system was not followed on January 25, 1984, resulting in two valves (0-84-506 on

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system 'A' and O-94-556 on System 'B') being left misaligned in the shut position after a routine nitrogen addition to the two containment atmosphere dilution tanks. These valves isolated the CAD tank automatic pressure buildup control circuit.

This is a Severity Level IV Violation (Supplement I) applicable to Units 1 and 2.

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: MAR 28 1984