

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

During the Nuclear Regulatory Commission (NRC) inspection conducted on February 20 - March 22, 1989, violations of NRC requirements were identified. The violations involved failure to comply with Technical Specification (TS) 3.5.A.5 during the Unit 2 core reload, and failure to promptly identify and correct a known condition adverse to quality. The violations are listed below:

- A. 10 CFR 50, Appendix B, Criterion XVI requires that measures shall be established to assure that conditions adverse to quality are promptly identified and corrected. The identification of the significant condition adverse to quality (CAQ), the cause of the condition, and the corrective action taken shall be documented and reported to appropriate levels of management. The TVA Nuclear Quality Assurance Manual, Part I, Section 2.16, paragraph 2.3.1 requires prompt initiation of a Condition Adverse to Quality Report (CAQR) upon identification of a CAQ; and in paragraph 2.3.2 requires prompt initiation of a CAQR rather than waiting on completion of an evaluation.

Contrary to the above, although licensee personnel knew about the condition as early as January 11, 1989, a design deficiency associated with nonseismically qualified vitrified clay pipe in three EECW discharge flow paths was not identified on a Condition Adverse to Quality Report until February 3, 1989.

This is Severity Level IV Violation (Supplement I) and is applicable to Units 1, 2, and 3.

- B. TS Section 3.5.A.5, requires that whenever there is irradiated fuel in the reactor vessel, and the reactor vessel head is removed, core spray is not required to be OPERABLE provided the cavity is flooded, the fuel pool gates are open and the fuel pool water level is maintained above the low level alarm point, and provided one RHRSW pump and associated valves supplying the standby coolant supply are OPERABLE

Contrary to the above, the requirements were not met in that during the performance of the Unit 2 core reloading on and after January 3, 1989, core spray was inoperable and the motor operated valves in the Unit 2 standby coolant supply flow path were considered to be inoperable due to the nonseismically qualified EECW flow paths.

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

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2 Docket Nos. 50-259, 50-260, and 50-296
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Pursuant to the provisions of 10 CFR 2.201, you are hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Associate Director for Special Projects, Office of Nuclear Reactor Regulation, and a copy to the NRC Resident Inspector, Browns Ferry, within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include: (1) admission or denial of the violations, (2) the reason for the violations if admitted, (3) the corrective steps which have been taken and the results achieved, (4) the corrective steps which will be taken to avoid further violations, and (5) the date when full compliance will be achieved. Where good cause is shown consideration will be given to extending the response time.

FOR THE NUCLEAR REGULATORY COMMISSION



 Bruce A. Wilson, Assistant Director
for Inspection Programs
TVA Projects Division
Office of Nuclear Reactor Regulation

Dated at Atlanta, Georgia
this 15th day of May 1989

