

ENCLOSURE 1

NOTICE OF VIOLATION

Tennessee Valley Authority
Browns Ferry

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

During the Nuclear Regulatory Commission (NRC) inspection conducted on August 6-10, 1990, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1990), the violation is listed below:

10 CFR 50, Appendix B, Criterion IX, Control of Special Processes, requires, in part, that measures shall be established to assure that special processes, including welding... are controlled and accomplished using qualified procedures in accordance with applicable codes... ASME Boiler and Pressure Vessel Code Section IX, the applicable code for welding procedure qualification contains the following requirements:

- A. QW-200.2 states in part that the procedure qualification record (PQR) form shall list the actual variables used within the limits of a narrow range, rather than full range of the variables allowed.
- B. Where impact testing of materials to be welded is required, supplementary essential variable QW-403.6 is applicable, which specifies that for material thicknesses less than 5/8 inch the minimum thickness qualified is the thickness of the test coupon.

Contrary to the above:

- (1) PQR GT-SM11-0-3-C lists the full range of variables allowed for shielding gas flow, welding current and arc voltage rather than the actual variables used during the qualification welding.
- (2) PQR GT-SM11-0-3-C, an impact tested PQR states that the test plate thickness was 1-7/8" and the minimum thickness qualified was 3/16". The minimum thickness limit for impact tested application of 5/8" as required by QW-403.6 was not listed.

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

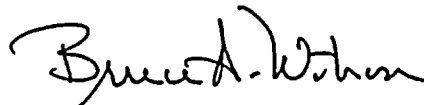


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Pursuant to the provisions of 10 CFR 2.201, Tennessee Valley Authority is hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Regional Administrator, Region II, 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 [for each violation]: (1) admission or denial of the violation, (2) the reason for the violation 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. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION



Bruce A. Wilson, Chief
TVA Projects

Dated at Atlanta, Georgia
this 30th day of August 1990