

ENCLOSURE 1

NOTICE OF VIOLATION

Virginia Electric and Power Company  
North Anna Units 1 and 2

Docket Nos. 50-338 and 50-339  
License Nos. NPF-4 and NPF-7

During the Nuclear Regulatory Commission (NRC) inspection conducted on November 16-20, 1987, 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 (1987), the violation is listed below:

10 CFR 50, Appendix B, Criterion V, requires that instructions, procedures, or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished. North Anna Technical Specification 6.8.1 requires that written procedures shall be established, implemented and maintained covering the activities referenced in Appendix A of Regulatory Guide 1.33, Rev. 2, February 1978. Regulatory Guide 1.33 includes procedures for combatting emergencies and other significant events. Technical Specification Figure 3.4.3 delineates North Anna Power Station Reactor Coolant System Cooldown Limitations.

Contrary to the above, Emergency Operating Procedures (EOPs) used by the licensee for natural circulation cooldown are inadequate in that the quantitative cooldown curves in the natural circulation cooldown procedures exceed those specified in Technical Specification Figure 3.4.3, Cooldown Limitations. These EOPs include: ES-0.2A, Natural Circulation Cooldown With Shroud Cooling Fans, Rev. 1; ES-0.2B, Natural Circulation Cooldown Without Shroud Cooling Fans, Rev. 1; and ES-0.3, Natural Circulation Cooldown With Steam Void in Vessel (with RVLIS), Rev. 1.

This is a Severity Level IV violation (Supplement 1).

Pursuant to the provisions of 10 CFR 2.201, Virginia Electric and Power Company 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, North Anna, within 30 days of the date of this 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,

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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

*Caudle A. Julian*

Caudle A. Julian, Chief  
Operations Branch  
Division of Reactor Safety

Dated at Atlanta, Georgia  
this 27th day of January 1988