

ENCLOSURE 1

NOTICE OF VIOLATION

Virginia Electric and Power Company
North Anna 1 & 2

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

During the Nuclear Regulatory Commission (NRC) inspection conducted on January 25-29 and February 8-12, 1988, a violation of NRC requirements was identified. The violation involved a failure to perform a documented design analysis with supporting calculations. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1986), the violation is listed below:

10 CFR 50, Appendix B, Criterion III, and the licensee's accepted Quality Assurance (QA) program, Updated Final Safety Analysis Report, Section 17.2.3, collectively require that design changes including field changes shall be subject to design control measures commensurate with those applied to the original design. The licensee is committed to Regulatory Guide 1.64, "Quality Assurance Requirements for the Design of Nuclear Power Plants", which endorses ANSI N45.2.11-1974, "Quality Assurance Requirements for the Design of Nuclear Power Plants". Section 4.2 of this standard states that design analyses shall be performed in a planned, controlled and correct manner and that analyses shall be sufficiently detailed as to purpose, method, assumptions, design input, references and units. Additionally, calculations shall be identifiable.

Contrary to the above, a design change was made to pipe hanger 01-CC-R-173 and the analysis was not performed in a planned, controlled and correct manner in that a documented analysis was not performed and the supporting calculations were not identified. Additionally, the design change was not documented.

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

Pursuant to the provisions of 10 CFR 2.201, Virginia Electric and Power Company is hereby required to submit to this Office within 30 days of the date of the letter transmitting this Notice a written statement or explanation in reply including (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

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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



J. Nelson Grace
Regional Administrator

Dated at Atlanta, Georgia
this 4 day of March 1988