

ENCLOSURE 1

NOTICE OF VIOLATION

Virginia Electric and Power Company
Surry Units 1 and 2

Docket Nos. 50-280 and 50-281
License Nos. DPR-32 and DPR-37

The following violation was identified during an inspection conducted on May 7 - June 3, 1985. The Severity Level was assigned in accordance with the NRC Enforcement Policy (10 CFR Part 2, Appendix C).

Appendix B to 10 CFR 50, 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, appropriate procedures were not prescribed nor provided for the installation of the environmentally qualified (EQ) Conax electrical conductor (connector) seal assembly on to EQ, safety-related electrical components inside the Units 1 and 2 containments. For example, Design Change procedure DC-81-103 and Attachments, for replacing the Class IE transmitters and seal assemblies, did not provide appropriate instructions for centering the midlock ferrule on the feedthrough assembly and did not specify thread sealing materials or proper bracing for the installations.

In addition, certain installations were not accomplished in accordance with the DC-81-103 procedures and instructions. Seal assemblies were found over and under torqued and installed backwards, and two unqualified PL type seal assemblies were found installed inside containment.

As a result of the above, some 10 EQ, safety-related electrical components inside the Units 1 and 2 containments were determined to be unqualified, and at least 36 of the remaining 200 EQ components inside the containments may not have provided adequate sealing during and following design basis events.

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

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: JUN 25 1985

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