

SEP 17 1993

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

Virginia Electric and Power Company  
ATTN: Mr. W. L. Stewart  
Senior Vice President - Nuclear  
5000 Dominion Boulevard  
Glen Allen, VA 23060

Gentlemen:

SUBJECT: NRC INSPECTION REPORT NOS. 50-280/93-21 AND 50-281/93-21

This refers to the inspection conducted by M. Shymlock of this office on August 16-20, 1993. The inspection included a review of activities authorized for your Surry facility. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed report.

Areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress.

This inspection was performed to meet the intent of the Electrical Distribution System Functional Inspection referenced in TI 2515/107 to assess the capability of nuclear station Electrical Distribution Systems (EDS) to meet their design and functional capabilities. The licensee had dedicated considerable resources to the performance of an Electrical Distribution System Functional Assessment (EDSFA). The inspection scope was reduced to reviewing the corrective actions to the identified findings of the EDSFA and assessed the validity of its conclusions. Additionally, the inspection included independent review and evaluation of specific aspects of the EDS design and functional capability.

It was concluded that the scope of the EDSFA was adequate to assess the design and capability of the EDS. Findings from the EDSFA were appropriately identified, tracked, and addressed for corrective actions. Independent review of EDS areas accomplished by this inspection verified the EDSFA conclusion that the Surry EDS met its design and functional capability.

Within the scope of the inspection, violations or deviations were not identified.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

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Should you have any questions concerning this letter, please contact us.

Sincerely,

Original signed by  
C. A. Casto/for

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

Enclosure:  
NRC Inspection Report

cc w/encl:  
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(cc w/encl cont'd - See page 3)

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