

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

May 27, 1997

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Serial No. 97-246
NES/NLOS/ETS
Docket Nos. 50-338, 339
License Nos. NPF-4, 7

Gentlemen:

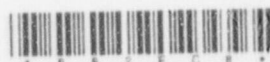
VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
SUMMARY REPORT FOR RESOLUTION OF
UNRESOLVED SAFETY ISSUE (USI) A-46

In Generic Letter (GL) 87-02, the NRC staff set forth the process for resolution of USI A-46 and encouraged the affected nuclear power plant licensees to participate in a generic program. In Supplement 1 to GL 87-02, the NRC staff requested a commitment to the Generic Implementation Procedure for Seismic Verification of Mechanical and Electrical Equipment for Nuclear Plants, Revision 2, (GIP-2) prepared by Seismic Qualification Utility Group (SQUG) for resolution of USI A-46. The NRC also requested a schedule for implementation of GIP-2 and submission of a report summarizing the results of the USI A-46 program. In our letter dated September 18, 1992 (Serial No. 92-384), Virginia Electric and Power Company committed to implement GIP-2, including the clarifications, interpretations, and exceptions indicated in the Supplemental Safety Evaluation Report No. 2 (SSER-2) and included a schedule for submittal of a summary report of the program. No significant deviations/exceptions to the GIP/ SSER-2 were used in our implementation of the USI A-46 seismic review process. This letter forwards the results of the USI A-46 evaluation for North Anna Power Station Units 1 and 2.

The GIP-2 requires that a plant-specific summary report be submitted to the NRC staff, including a proposed schedule for modifications and/or replacement of those outliers which are yet to be resolved. The Summary Report also required submittal of the Safe Shutdown Equipment List (SSEL), Seismic Evaluation, Relay Evaluation, and a Completion Report. The attachment to this letter constitutes the Summary Report.

Outliers, as defined by GIP-2, were identified during the seismic review. The outliers that have been resolved and those that have not yet been resolved are discussed in Sections 11.1 and 11.2, respectively, of the attached Summary Report. The outliers that

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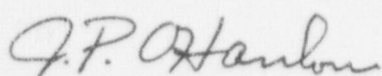


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remain open are not considered to be significant and will not render any structure, system or component inoperable during or following a design basis earthquake. Virginia Electric and Power Company plans to disposition the outliers that have not yet been resolved by the end of the North Anna Unit 1 refueling outage currently scheduled to commence in April 2000.

The NRC will be notified when the planned actions for resolution of USI A-46 have been completed including disposition of the remaining outliers. The commitments made in this letter are summarized below. If you have any questions, please contact us.

Very truly yours,



J. P. O'Hanlon
Senior Vice President - Nuclear

Attachment

Commitments made in this letter:

1. Disposition of the outliers defined in Section 11.2 of the attached Summary Report by the end of the North Anna Unit 1 refueling outage currently scheduled to commence in April of 2000.
2. Notify the NRC when the planned actions for resolution of USI A-46 have been completed including disposition of the remaining outliers.

cc: U. S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

NRC Senior Resident Inspector
North Anna Power Station

COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by J. P. O'Hanlon, who is Senior Vice President - Nuclear, of Virginia Electric and Power Company. He has affirmed before me that he is duly authorized to execute and file the foregoing document in behalf of that Company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 27th day of May, 1997.

My Commission Expires: March 31, 2000.

Maggie McClure
Notary Public

(SEAL)