

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

November 30, 1998

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

Serial No. 98-300B  
SPS/JCS R3  
Docket Nos. 50-280  
50-281  
License Nos. DPR-32  
DPR-37

Gentlemen:

**VIRGINIA ELECTRIC AND POWER COMPANY**  
**SURRY POWER STATION UNITS 1 AND 2**  
**NRC INSPECTION REPORT NO. 50-280/98-201 AND 50-281/98-201**  
**SURRY PLANT DESIGN INSPECTION CORRECTIVE ACTION PLAN REVISION**

In our response to Inspection Report No. 50-280/98-201 and 50-281/98-201 (Serial No. 98-300) dated July 9, 1998, we stated that the following action items would be completed as indicated below:

Programmatic Issues, Calculation Program

1. Cable ampacity calculations to verify cable sizing will be completed by December 1, 1998.
2. Calculations to demonstrate that the penetration circuits are within design limits will be completed by December 1, 1998.
3. A study of the calculation control program to determine if further changes are necessary to enhance the users ability to determine the status of calculations will be completed, and any changes to the program will be incorporated, by January 31, 1999.

Although these items are being actively pursued, it has been determined that additional time will be required for their completion. The revised completion dates for items 1 and 2 above are April 1, 1999, and December 31, 1998, respectively. Regarding item 1, the ongoing effort to create cable ampacity calculations has been further subdivided into phases. Initial efforts will focus on reconstituting the original cable ampacity sizing methodology for the plant, as well as applying that methodology to the specific cables previously evaluated by the NRC inspectors during the design engineering inspection in March 1998. This is the activity that will be completed by April 1, 1999. Follow-up

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efforts will include applying this approach to the balance of cables in the plant. For Item 3, the study and calculation program revision will be completed by January 31, 1999, and any additional recommendations from the study will be completed in accordance with our corrective action process.

If you have questions or require further information, please contact us.

Very truly yours,



James P. O'Hanlon  
Senior Vice President – Nuclear

COMMITMENTS CONTAINED IN THIS LETTER:

1. Reconstituting the original cable ampacity sizing methodology for the plant, as well as applying that methodology to the specific cables previously evaluated by the NRC inspectors during the design engineering inspection in March 1998, will be completed by April 1, 1999.
2. Calculations to demonstrate that the penetration circuits are within design limits will be completed by December 31, 1998.
3. The study and calculation program revision will be completed by January 31, 1999, and any additional recommendations from the study will be completed in accordance with our corrective action process.

cc: U.S. Nuclear Regulatory Commission  
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Mr. R. A. Musser  
NRC Senior Resident Inspector  
Surry Power Station