

VIRGINIA ELECTRIC AND POWER COMPANY

RICHMOND, VIRGINIA 23261

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1980 NOV 10 PM 3 02

November 7, 1980

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
Attention: Mr. Robert A. Clark, Chief  
Operating Reactors Branch No. 3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Serial No. 906  
NO/RMB  
Docket Nos: 50-338  
50-339  
License Nos: NPF-4  
NPF-7

Dear Mr. Denton:

MULTIPLE STRUCTURE ARS CONCERN  
NORTH ANNA POWER STATION  
UNIT NOS. 1 AND 2

In our letter Serial No. 872 dated October 28, 1980, we provided a prioritization of the Category "B" items included in Phase II of the Multiple Structure ARS Evaluation. The referenced letter indicated that a revised schedule for this work would be provided by separate letter. The purpose of this letter is to provide that schedule.

Attachment 1 to this letter gives the schedule by priority group. These groups are as outlined in our letter Serial No. 872.

The dates given are the range for completion of stress analysis of the stress problems within each group. The following additional data or assumptions form the basis for these dates.

1. Pipe support and S&W equipment review will take about 2 weeks beyond the dates given.
2. All analysis will be done using either the S&W or CDC NUPIPE program except for some Class I piping for which a SHOCK III envelope verification may be used prior to recoding to NUPIPE (if necessary).
3. All analysis will be in full documentation format. This documentation would be required if any results were used for redesign.
4. All analysis will consider both OBE and PDE conditions.
5. For groups 1 through 5, the Unit 1 and 2 effort will be integrated. For the remainder of the groups, the Unit 2 effort will be completed prior to beginning the Unit 1 effort. This is based on the Licensing commitment for Unit 2 which requires completion of the ARS Evaluation on Unit No. 2 by February 21, 1981.

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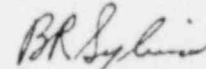
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6. Completion of vendor equipment review is not included in the schedule.
7. Support modifications to meet OBE allowables are not included in the attached schedule.
8. The OBE allowables will be met using normal analytical procedure, including multiple ARS input.

The completion dates given in the attachment represent an extension of the schedule for completion of the entire Phase II effort from the target date of December 31, 1980 given in our letter Serial No. 649 dated July 25, 1980. The original estimate was made prior to completion of any of the proposed reanalyses; experience now indicates that the required scope of analysis and documentation is more extensive than originally anticipated. We believe that the proposed schedule is acceptable since all systems required for accident mitigation (Groups 1-5) will be completed by January 31, 1980. However, we are making every effort to improve the current schedule and we will keep you informed on the progress of this review.

If you have any question or require additional information, please contact us.

Very truly yours,



B. R. Sylvia  
Manager - Nuclear  
Operations and Maintenance

smv:SII

Attachment

cc: Mr. B. Joe Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing  
Washington, D. C. 20555

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
Region II  
Atlanta, GA 30303

ATTACHMENT 1

<u>PRIORITY GROUP</u>	<u>STRESS COMPLETION DATE RANGE</u>
1	11-24-80
2	11-10-80 - 11-24-80
3	11-10-80 - 12-15-80
4	12-8-80 - 12-22-80
5	1-12-81 - 1-31-81
6	Unit 1 2-23-81 - 2-28-81
	Unit 2 1-31-81
7	Unit 1 2-23-81
	Unit 2 1-26-81 - 1-31-81
8	Unit 1 2-16-81 - 2-28-81
	Unit 2 1-19-81 - 1-31-81

NOTE: these dates take credit for some partial work already accomplished.