

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

W. L. STEWART  
VICE PRESIDENT  
NUCLEAR OPERATIONS

December 27, 1983

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
Attn: Mr. Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

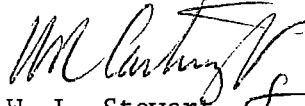
Serial No. 001C  
NO/WDC:jab  
Docket Nos. 50-280  
50-281  
License Nos. DPR-32  
DPR-37

Gentlemen:

RELIEF REQUESTS FROM ASME XI FOR  
SURRY POWER STATION UNITS 1 AND 2 10 YEAR INSERVICE INSPECTION

In our letter dated January 7, 1983 (Serial No. 001) we submitted relief requests for Surry Unit 1 and stated that the submittal would be supplemented with Unit 2 relief requests. Attached are the Surry Unit 2 relief requests. In addition, some modifications and deletions to Unit 1's requests are included. In most cases the Unit 2 request parallels the Unit 1 request with only changes to the valve, line, or mark numbers.

Very truly yours,

  
W. L. Stewart

Attachment

cc: Mr. James P. O'Reilly  
Regional Administrator  
Region II

Mr. J. Don Neighbors  
Surry Project Manager  
Operating Reactors Branch No.1  
Division of Licensing

Mr. D. J. Burke  
NRC Resident Inspector  
Surry Power Station

A047  
1/1

8401030187 831227  
PDR ADOCK 05000280  
Q PDR

RELIEF REQUESTS

- RR-1      The same as RR-1 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-2      Unnecessary. Delete for both units.
- RR-3      The same as RR-3 for Unit 1 with corresponding valve, line, or mark number changes except as follows (refer to January 7, 1983 submittal for format):
- 1c. Class I and II
  - 2. Class I System Hydrostatic Test, IWC 5222  
Class II System Hydrostatic Test, IWC 5222
- The above changes apply to both Unit 1 and Unit 2.
- RR-4      The same as RR-4 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-5      The same as RR-5 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-6      The same as RR-6 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-7      The same as RR-7 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-8      The same as RR-8 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-9      The same as RR-9 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-10     The same as RR-10 for Unit 1 with corresponding valve, line, or mark number changes except as follows (refer to January 7, 1983 submittal for format):

- 3. The check valve boundary prevents isolation of the adjoining Class I system from the Class II system mentioned. The lack of overpressure protection within the boundary requires a valve Pd (Design Pressure) equal to 2485 psig times 1.25 ( $T > 200^{\circ} F$ ) for a test pressure of 3106 psig. The test pressure for the adjoining Class I system is the normal operating pressure of 620 to 665 psig by previous relief request (submittal of January 7, 1983). As is evident since isolation is not practical, the Class II test pressure will be far in excess of the test pressure for the Class I system.

4. As an alternative, it is requested that the Class II components and piping in (1a) be examined (VT-2) to the conditions required for the adjacent Class I piping.

These changes apply to both Unit 1 and Unit 2.

- RR-11 The same as RR-11 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-12 The same as RR-12 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-13 Delete for both units.
- RR-14 Delete for both units.
- RR-15 The same as RR-15 for Unit 1 with corresponding valve, line, or mark number changes.
- RR-16 The same as RR-16 for Unit 1 with corresponding valve, line, or mark number changes.