

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

December 15, 1992

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

Serial No. 92-779
SPS/JH R3
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Gentlemen:

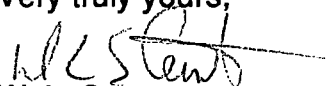
VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNITS 1 AND 2
UPDATED RESPONSE TO GENERIC LETTER 89-13
SERVICE WATER SYSTEM PROBLEMS
AFFECTING SAFETY-RELATED EQUIPMENT

In letters (Serial Nos. 89-572, 89-572E, and 89-572G) dated January 29, 1990, April 30, 1991, and October 18, 1991, Virginia Electric and Power Company described the program that would be implemented to ensure that the service water (SW) system at Surry Power Station was in compliance with appropriate regulations, specifications, and licensing basis documentation. These responses included a commitment to issue the initial design basis documents (DBDs) for the service water and associated intermediate systems, perform physical verification walkdowns of the systems, and review the system designs to confirm that the systems will perform their intended safety functions in the event of a single active failure. Completion of these activities, with the exception of those for the control room air conditioning system, was scheduled for December 15, 1992.

Issuance of the initial DBD, performance of the physical verification walkdown, and performance of the single failure review have been completed for the open cycle service water system and the recirculation spray system. For the remaining intermediate systems (component cooling, residual heat removal, and control room air conditioning), physical verification walkdowns have been performed. The initial DBDs for component cooling and residual heat removal have been issued for review. Performance of the single failure reviews has not yet been completed, but is scheduled for 1993. The DBD for control room air conditioning will be issued following completion of modifications which are currently in progress to add chiller capacity to the system. Any significant discrepancies identified during this process will be promptly evaluated and dispositioned in accordance with our corrective action program.

Should you have any questions, please contact us.

Very truly yours,


W. L. Stewart
Senior Vice President - Nuclear

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cc: U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N. W.
Suite 2900
Atlanta, Georgia 30323

Mr. M. W. Branch
NRC Senior Resident Inspector
Surry 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 W. L. Stewart who is Senior Vice President - Nuclear, of Virginia Electric and Power Company. He is duly authorized to execute and file the foregoing document in behalf of that Company, and the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 15TH day of December, 1992.

My Commission Expires: May 31, 1994.

Vicki L. Hulse
Notary Public

(SEAL)