

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5B Lookout Place

DEC 20 1990

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of the Application of)
Tennessee Valley Authority)

Docket Nos. 50-390
50-391

WATTS BAR NUCLEAR PLANT (WBN) - NRC BULLETIN (NRC) 88-04 - POTENTIAL SAFETY-RELATED PUMP LOSS

This letter amends TVA's response to the subject bulletin dated June 29, 1989 for WBN. NRC's WBN Project Manager was verbally notified of the need to amend that response on June 8, 1990.

In TVA's response, Item 4(a), the fifth bullet, concerning the containment spray pumps, TVA indicated that completed calculations for WBN Unit 1 showed a minimum flow rate through the containment spray miniflow path of approximately 1,200 gallons per minute (gpm). Subsequent to that response, it was determined that there was an error in the calculation for the flow rate in the miniflow line. The new flow rate was determined to be approximately 480 gpm per pump. Since the 480 gpm was less than the 500 gpm miniflow rate indicated on the pump curve, the pump vendor, Hayward Tyler, was contacted. Hayward Tyler responded by letter that a +10-percent deviation from the pump curve rate would be acceptable. Therefore, TVA considers the design of the WBN Unit 1 and 2 containment spray pumps miniflow recirculation line to be acceptable based on vendor approval of that deviation.

No commitments are identified in this submittal. Completion of the above calculation also satisfies the commitment identified in the June 29, 1989 letter for Unit 2. If there are any questions, please telephone M. C. Bryan at (615) 365-8819.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Marky Burgess for
E. G. Wallace, Manager
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