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AUG 31 1992

U.S. Nuclear Regulatory Commission
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Washington, D.C. 20555

Gentlemen:

In the Matter of the Application of)	Docket Nos. 50-390
Tennessee Valley Authority)	50-391

WATTS BAR NUCLEAR PLANT (WBN) UNITS 1 AND 2 - STATION BLACKOUT (SBO)
EVALUATION PURSUANT TO 10 CFR 50.63 (TAC M68624 AND M68625)

This letter provides TVA's evaluation of the SBO rule for WBN, using the guidance from NUMARC 87-00, Revision 1, and Regulatory Guide 1.155.

In TVA's letter dated April 22, 1992, TVA outlined plans for early closure of the subject issue beginning with submittal of the information requested by the SBO rule. In that letter, TVA indicated that the information described in 10 CFR 50.63(c)(i) would be submitted in August 1992, well in advance of the schedule set forth by the rule (270 days after operating license issuance). TVA also proposed an ac-independent approach for coping with the SBO event. NRC indicated general acceptance of this approach in a letter dated May 4, 1992.

This letter and the enclosures provide the information described in 10 CFR 50.63(c)(i) in support of ac-independent coping. Enclosure 1 provides the information in the NUMARC generic format that was previously approved by the NRC (letter to NUMARC dated October 7, 1988) and has commonly been used by the industry in responding to the subject rule.

In addition, Enclosure 2 provides the details of the derivation of the information provided in Enclosure 1.

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