

TENNESSEE VALLEY AUTHORITY

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FEB 03 1987

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

Attention: Mr. B. J. Youngblood

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

Docket Nos. 50-390
50-391

WATTS BAR NUCLEAR PLANT (WBN) - RTD BYPASS LOOP ELIMINATION/UTILIZATION OF
EAGLE 21 ELECTRONICS - WESTINGHOUSE EAGLE 21 TOPICAL REPORT

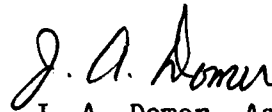
The purpose of this letter is to provide a technical report on the Eagle 21 Microprocessor Based Process Protection System. This report was incorporated by reference in the WBN Final Safety Analysis Report chapter 7 as part of my December 1, 1986 submittal. A commitment was made in the December submittal to furnish this report to NRC by February 2, 1987. This letter fulfills the TVA commitment.

Enclosed is the Westinghouse Topical Report entitled, "Eagle 21 Microprocessor Based Process Protection System." The topical report contains a technical description of the electronics and a generic Verification and Validation Plan identified as Appendix A. TVA, however, submitted in my December 29, 1986 letter to you a WBN plant-specified Verification and Validation Plan which is currently being reviewed by the NRC Staff and remains the document of record. Furthermore, please note that it is the intent of TVA to incorporate section 5.4.4.2 in the WBN Verification and Validation Plan as it appears in enclosure 1 of the December 29, 1986 submittal.

If there are any questions on this topic, please get in touch with Bernard Gergos at (615) 365-8837.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



J. A. Domer, Assistant Director
Nuclear Safety and Licensing

Enclosure
cc: Page 2

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