



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381

JUN 15 1992

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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) - FIRE PROTECTION/APPENDIX R PROGRAMS

Previous discussions with NRR personnel established the need to review the WBN associated circuit evaluation. Accordingly, TVA is providing by this letter the first of two planned submittals involving calculations for Appendix R associated circuit evaluation. Enclosed are six calculations as follows:

Enclosure 1	WBN-EEB-MS-TI07-0005, R6	125V DC Vital Control Power System Fault Calculation
Enclosure 2	WBN-EEB-MS-TI08-0008, R18	480V 1E Coordination/ Protection
Enclosure 3	WBN-EEB-MS-TI07-0018, R11	120V AC Short Circuit, Coordination Study and Protection
Enclosure 4	WBN-EEB-MS-TI15-0011, R15	480V Non-Glass 1E Power Cable Associated Circuits
Enclosure 5	WBPEVAR9001007, R2	Medium Voltage Appendix R, and Regulatory Guide 1.75 Associated Circuit Analysis
Enclosure 6	WBN-EEB-MS-TI11-0062, R5	Diesel Generator Control Power System

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The second planned submittal which will address Regulatory Guide 1.75 associated circuits and Appendix R analysis for non-class 1E 120V AC and 250V DC circuits will be submitted by August 27, 1992.

If you have any questions, please telephone Paul Pace at (615) 365-1824.

Sincerely,



William J. Museler  
Site Vice President

Enclosures

cc (Enclosure):

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