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ACCESSION NBR: 8801290181      DOC. DATE: 88/01/25      NOTARIZED: NO      DOCKET #  
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 50-260 Browns Ferry Nuclear Power Station, Unit 2, Tennessee      05000260  
 50-296 Browns Ferry Nuclear Power Station, Unit 3, Tennessee      05000296

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SUBJECT: Forwards Rev D to "Cable Program Plan," addressing possibility of undersized electrical cables due to inadequate design stds. Planned corrective actions will verify adequacy of cables at various voltage levels.

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JAN 25 1988

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

Gentlemen:

In the Matter of	)	Docket Nos. 50-259
Tennessee Valley Authority	)	50-260
	)	50-296

BROWNS FERRY NUCLEAR PLANT (BFN) - AMPACITY EVALUATION PROGRAM PLAN,  
REVISION 0.

The purpose of this letter is to transmit BFN's Ampacity Evaluation Program Plan. The program plan addresses the possibility that some electrical cables at BFN may be undersized because the design standards did not adequately account for the effects of cable environment and cable installation configuration on ampacity. The corrective action provisions in the plan, which are similar to the Sequoyah Nuclear Plant ampacity program, will verify the adequacy of safety-related auxiliary and control power cables at various voltage levels. The calculation methodologies are part of the attached program plan.

Because BFN Cable Ampacity Evaluation is a critical restart issue, TVA is presently proceeding with this program. We request your expeditious review and subsequent issuance of a Safety Evaluation Report addressing the program. Upon approval, the FSAR will be updated as required.

Should you have any questions, please telephone A. C. Alford at (205) 729-2855.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*R. Gridley*  
 R. Gridley, Director  
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Enclosures  
cc: See page 2

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