



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

APR 25 1995

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) - RESULTS OF PHASE 2 AMPACITY TESTING FOR  
THERMO-LAG FIRE BARRIERS (TAC M63648)

The purpose of this letter is to submit TVA's Phase 2 Thermo-Lag 330-1 ampacity test reports. Phase 2 testing focused on providing ampacity correction factors for non-standard configurations such as: multiple cable trays in a single enclosure; and two-, three-, and four-sided multiple conduit enclosures. The enclosed ampacity test reports supplement the test results submitted on July 9, 1993, for qualifying Thermo-Lag 330-1 as a rated one-hour electrical raceway fire barrier system.

Due to the size of the test reports, copies are not being provided to the WBN Resident Inspectors, WBN Project Manager, and Region II. Copies are available onsite for review. There are no commitments contained in this submittal. If you should have any questions, contact Mr. P. L. Pace at (615) 365-1824.

Sincerely,

Raul R. Baron  
Nuclear Assurance  
and Licensing Manager (Acting)

Enclosure  
cc: See page 2

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Enclosure

cc (w/o Enclosure except noted):

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