

December 28, 1989

Docket Nos. 50-390  
and 50-391

Mr. Oliver D. Kingsley, Jr.  
Senior Vice President, Nuclear Power  
Tennessee Valley Authority  
6N 38A Lookout Place  
1101 Market Street  
Chattanooga, Tennessee 37402-2801

Dear Mr. Kingsley:

SUBJECT: SAFETY EVALUATION ON THE ATWS RULE (10 CFR 50.62) - WATTS BAR,  
UNITS 1 AND 2 (TAC NO. 74501)

By letters dated February 28, 1989 and August 30, 1989, the Tennessee Valley Authority (TVA) submitted information regarding the implementation of the ATWS Rule (10 CFR 50.62) requirements at Watts Bar, Units 1 and 2. The staff has reviewed the submittals concerning the proposed plant specific ATWS Mitigation System Actuation Circuitry (AMSAC) design at Watts Bar and concludes that, pending the final resolution of the Technical Specification issue, the ATWS AMSAC design is in compliance with the ATWS Rule requirements. The staff's safety evaluation on the ATWS design is enclosed.

If you have any questions regarding the safety evaluation, please contact the Watts Bar Project Manager, Rajender Auluck, on (301) 492-0756.

Sincerely,

Original signed by

Suzanne Black, Assistant Director  
for Projects  
TVA Projects Division  
Office of Nuclear Reactor Regulation

Enclosure:  
Safety Evaluation

cc w/enclosure:

See next page

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