

September 13, 1991

Docket Nos. 50-390  
and 50-391

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

Dear Mr. Nauman:

SUBJECT: WATTS BAR NUCLEAR PLANT UNIT 1 AND 2 - SAFETY EVALUATION OF THE  
MICROBIOLOGICALLY INDUCED CORROSION (MIC) SPECIAL PROGRAM  
(TAC NO. 63650)

In the Safety Evaluation Report on TVA's Watts Bar Nuclear Performance Plan (NUREG-1232, Vol. 4), we stated that the "Watts Bar MIC program is considered to be an open item which will be addressed in a supplement to the licensing SER, NUREG-0847". By letters dated January 26, 1990 and February 26, 1991, Mr. E. G. Wallace of your staff provided the needed information.

We have reviewed the MIC program at Watts Bar Nuclear Plant and find that, if properly implemented and commitments in Enclosure 2 of TVA's February 2, 1991 letter are met, it will provide reasonable assurance that the essential raw cooling water (ERCW) system will not lose the capability to perform its safety function due to MIC damage. However, if leakage should occur, the requirements of Generic Letter 90-05 shall apply, and a written request for relief is required for the interim period until a code repair is made during the next scheduled outage exceeding 30 days, but no later than the next refueling outage.

Details may be found in the enclosed safety evaluation. The safety evaluation will be incorporated into the Watts Bar SER Supplement 8.

Sincerely,

Original signed by

Peter S. Tam, Senior Project Manager  
Project Directorate II-4  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

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Enclosure:  
As stated

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cc:

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