



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

FEB 26 1991

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) - MICROBIOLOGICALLY INDUCED CORROSION  
PROGRAM REPORT

The enclosed microbiologically induced corrosion (MIC) program report describes the program for detection, assessment, and control of MIC at WBN. Submittal of this report was discussed with members of the NRC staff on November 14, 1990 and in a January 11, 1991 presentation to the Nuclear Reactor Regulation reviewer.

TVA is continuing to perform investigations to identify any damage and the potential for new MIC sites. This investigation is expected to be completed early this year followed by an analysis to demonstrate ASME Section III compliance. The structural integrity analyses of piping with evidence of MIC performed to date have demonstrated code acceptance.

Enclosure 2 contains the commitments made in this submittal.

If there are any questions, please telephone P.L. Pace at (615) 365-1824.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
E. G. Wallace, Manager  
Nuclear Licensing and  
Regulatory Affairs

Enclosures  
cc: See page 2

9103010140 910226  
PDR ADOCK 05000390  
A PDR

*Adol*  
*11*

FEB 26 1991

U.S. Nuclear Regulatory Commission

## cc (Enclosures):

Ms. S. C. Black, Deputy Director  
Project Directorate II-4  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852

NRC Resident Inspector  
Watts Bar Nuclear Plant  
P.O. Box 700  
Spring City, Tennessee 37381

Mr. P. S. Tam, Senior Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852

Mr. B. A. Wilson, Project Chief  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323