

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

83 SEP 20 All: 25

September 16, 1983

WBRD-50-390/83-26  
WBRD-50-391/83-26

U.S. Nuclear Regulatory Commission  
Region II  
Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - NOZZLE LOADS - WBRD-50-390/83-26,  
WBRD-50-391/83-26 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector L. Watson on April 21, 1983 in accordance with 10 CFR 50.55(e) as NCR WBN CEB 8225 R1. Our first interim report was submitted on May 19, 1983. Enclosed is our second interim report. We expect to submit our next report on or about December 20, 1983.

If you have any questions, please get in touch with R. H. Shell at FTS 858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
L. M. Mills, Manager  
Nuclear Licensing

Enclosure

cc: Mr. Richard C. DeYoung, Director (Enclosure)  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Records Center (Enclosure)  
Institute of Nuclear Power Operations  
1100 Circle 75 Parkway, Suite 1500  
Atlanta, Georgia 30339

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
NOZZLE LOADS  
NCR WBN CEB 8225 R1  
WBRD-50-390/83-26, WBRD-50-391/83-26  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

Westinghouse (W) is responsible for the qualification of the nozzles on the reactor coolant loop and all other W components. TVA's Civil Engineering Support Branch (CEB) Component Analysis Section is responsible for qualifying the remaining components and/or nozzles at Watts Bar. Design modifications to previously approved designs are tracked by engineering change notices (ECNs). When a reanalysis of the piping system is performed, TVA sends nozzle loads to Westinghouse or the Component Analysis Section for qualification, as appropriate. The ECNs are closed before nozzle load approval is received. The new nozzle loads may not leave the nozzle qualified. The closure of ECNs for W components would not preclude TVA from taking proper action to correct any unqualified nozzles identified by W. However, TVA nozzle load qualification is in an undeterminable status, and therefore, qualification is suspect.

Interim Progress

All nozzles and/or components identified as not being qualified are being reviewed by a scoping team for correctness and adequacy. If qualification requirements are still not met, the nozzle loads will be forwarded for review to W or the CEB Component Analysis Section, as required, for qualification.