

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

83 SEP 20 All : 25  
September 16, 1983

WBRD-50-390/82-86  
WBRD-50-391/82-82

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:

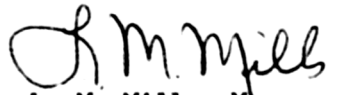
WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - TEMPERATURE SPECIFICATION FOR  
CONTAINMENT PURGE ISOLATION VALVES - WBRD-50-390/82-86, WBRD-50-391/82-82 -  
FINAL REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
D. Quick on August 19, 1982 in accordance with 10 CFR 50.55(e) as NCR  
WBN SWP 8242. Interim reports were submitted on September 15,  
1982 and March 25, 1983. Enclosed is our final report. TVA no longer  
considers 10 CFR 50.55(e) applicable to this deficiency.

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 (Enclosure):

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


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Institute of Nuclear Power Operations  
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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
TEMPERATURE SPECIFICATION FOR CONTAINMENT PURGE ISOLATION VALVES  
NCR WBN SWP 8242  
WBRD-50-390/82-86, WBRD-50-391/82-82  
10 CFR 50.55(e)  
FINAL REPORT

Description of Deficiency

The containment purge isolation valves were procured for a temperature range from 60°F to 120°F; however, the valves are to be used in an environment where the temperature ranges from 40°F to 120°F. This condition occurred because TVA's procurement specifications failed to reflect the minimum operating temperature of 40°F on the valve requisition.

Safety Implications

TVA has contacted the valves manufacturer and the valves have been qualified for their current environment by a revised certified design specification. The change in specifications has also been added to contracts involved. As the valves are acceptable for use as is, there are no adverse implications to safety and TVA no longer considers 10 CFR 50.55(e) applicable.