

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA TENNESSEE 37401
400 Chestnut Street Tower II

August 19, 1982

WBRD-50-390/82-78
WBRD-50-391/82-74

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

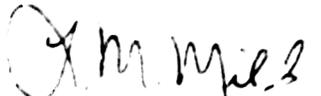
**WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - WASHFRS ELIMINATE AXIAL RESTRAINT
ON ERCW UNISTRUT SUPPORTS - WBRD-50-390/82-78, WBRD-50-391/82-74 - FIRST
INTERIM REPORT**

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on July 21, 1982 in accordance with 10 CFR 50.55(e) as
NCR WBN SWP 8238. Enclosed is our first interim report. We expect to
submit our next report on or about November 18, 1982.

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, DC 20555

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2

WASHERS ELIMINATE AXIAL RESTRAINT ON ERCW UNISTRUT SUPPORTS

WBRD-50-390/82-78, WBRD-50-391/82-74

10 CFR 50.55(e)

FIRST INTERIM REPORT

Description of Deficiency

A discrepancy exists in rigorous and alternate support detail drawings in the Essential Raw Cooling Water System (ERCW). The supports use a unistrut clamp as an axial restraint. However, washers between the unistrut strip and the clamp produce a gap between the pipe and clamp, thus eliminating any axial restraint. The washers were specified in the bill of material for the supports.

Although the washers can physically be placed in one of two positions, one which will restrain the pipe and the other which will not, the location of the washers was not specified. Normal construction practice is to place the washers in the position eliminating axial restraint if a washer is called for. As a result, washers were installed in positions eliminating axial restraint when the designer intended otherwise.

Interim Progress

TVA is reviewing ERCW support drawings to identify where this condition could exist. The drawings will be revised and washers removed so piping will be restrained as intended.

A similar condition was found in the Fire Protection System and is being handled under nonconformance report WBN SWP 8204.

TVA will provide more information in the next report.