

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

USNRC REGION II
ATLANTA, GEORGIA

August 8, 1983 AUG 15 A 9:43

WBRD-50-390/83-42
WBRD-50-391/83-42

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 - HFPF PIPE NOT SEISMICALLY
SUPPORTED OVER SIS PUMP - WBRD-50-390/83-42, WBRD-50-391/83-42 - FIRST
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
Linda Watson on July 11, 1983 in accordance with 10 CFR 50.55(e) as
NCR WBN WBP 8308. Enclosed is our first interim report. We expect to
submit our next report on or about September 19, 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 (Enclosure):

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

Records Center
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
HPFP PIPE NOT SEISMICALLY SUPPORTED OVER SIS PUMP
NCR WBN WBP 8308
WBRD-50-390/83-42, WBRD-50-391/83-42
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Construction has installed 2-inch and smaller diameter sprinkler piping for the high pressure fire protection (HPFP) system above the safety injection system (SIS) pump 2A-A between column lines A9 and A11 and V and U on El. 692 in the auxiliary building with position retention only. TVA drawing 47W491-18 R4 requires that this piping be supported for both pressure boundary integrity and position retention. Although, the sprinkler pipe in this area is normally dry, during a seismic event the deluge valve which is not seismically qualified, could fail open and fill the pipe with water. Thus any break in the sprinkler pipe would result in spraying water on the SIS pump.

Interim Progress

TVA is currently evaluating this nonconforming condition and intends to resupport the piping in accordance with TVA drawing 47W491-18 R4.

More information will be forwarded in our next report.