

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

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August 25, 1983

WBRD-50-390/83-45

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

Dear Mr. O'Reilly:

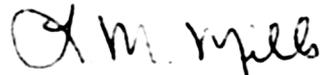
WATTS BAR NUCLEAR PLANT UNITS 1 - INCORRECTLY INSTALLED PRESSURIZER INSTRUMENT  
LINE - WBRD-50-390/83-45- FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Linda Watson on July 27, 1983 in accordance with 10 CFR 50.55(e) as NCR WBN W-129-P. Enclosed is our first interim report. We expect to submit our next report on or about September 30, 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 UNIT 1  
INCORRECTLY INSTALLED PRESSURIZER INSTRUMENT LINE  
NCR W-129-P  
WBRD-50-390/83-45  
10 CFR 50.55(e)  
FIRST INTERIM REPORT

Description of Deficiency

Transmitters LT-68-325C and LT-68-326C were made inoperable by incorrect installation of an instrument line which was run from the upper pressurizer instrument tap (downstream of root valve 1-RTV-68-446A) to the high pressure ports of the transmitters.. The correct routing would have involved connecting the low pressurizer instrument tap to the high pressure ports of the transmitters.

Also, the instrument line is not shown on the "As Constructed" copy of 47W600-172, R10 and the TVA diagram 47W610-68-5, R9 "As Constructed" is drawn incorrectly. The cause of the deficiency was a misinterpretation of TVA's Division of Engineering Design (EN DES) drawings by the site system engineer.

Interim Progress

A temporary correction has been made by TVA for the period of hot functional testing after which a permanent correction will be made to correct the function of the transmitters.

More information will be supplied in our next report on September 30, 1983.