

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

September 8, 1983

83 SEP 12 4 8:18

WBRD-50-390/83-49
WBRD-50-391/83-47

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 - LUGS WELDED TO SPIRAL WELDED PIPE
WBRD-50-390/83-49, WBRD-50-391/83-47 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Linda Watson on August 9, 1983 in accordance with 10 CFR 50.55(e) as NCR WBN WBP 8318. Enclosed is our first interim report. We expect to submit our next report on or about November 2, 1983.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

D S Kammer

for 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
LUGS WELDED TO SPIRAL WELDED PIPE
NCR WBN WBP 8318
WBRD-50-390/83-49, WBRD-50-391/83-47
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Lugs have been welded directly to spiral welded pipe used as ducts on TVA drawings 47W915-1 and 47W915-15 and supported with typical support numbers 47A055-81, -80, and -83. These lugs have also been welded to the supports. Design criteria WB-DC-40-31.8 states that for attachment of round duct to supports, a strap loop or ring shall be used.

Interim Progress

TVA is reviewing all duct supports with lugs welded to spiral welded pipe to determine the appropriate corrective action.