

TENNESSEE VALLEY AUTHORITY NRC REGION II
CHATTANOOGA, TENNESSEE 37401 ATLANTA, GEORGIA
400 Chestnut Street Tower II

82 AUG 17 1983: 07

WBRD-50-390/83-44
WBRD-50-391/83-44

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 - CABLE BEND RADIUS DEFICIENCIES DUE TO
NONSTANDARD FITTINGS - WBRD-50-390/83-44, WBRD-50-391/83-44 - FIRST INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Linda Watson
on July 20, 1983 in accordance with 10 CFR 50.55(e) as NCR WBN 4933. Enclosed
is our first interim report. We expect to submit our next report on or about
October 21, 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

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
CABLE BEND RADIUS DEFICIENCIES DUE TO NONSTANDARD FITTINGS
NCR 4933
WBRD-50-390/83-44 AND WBRD-50-391/83-44
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During an inspection of cables in Level V cable tray systems, TVA has found minimum bend radius violations at intersections of cable trays with nonstandard fittings, at intersections of cable trays using hinge-type joints, and at points of conduit terminations at cable trays.

Interim Progress

TVA is in the process of evaluating the subject deficiency. The cables with minimum bending radius violations are being compared to acceptable minimum bending radii already approved by the respective cable manufacturers. Where the measured bend radius is less than acceptable values, the cable manufacturer will be consulted to determine if additional relaxation of bending radii are allowed. Where additional relaxed cable bend radii are not obtained, a rework of those cables will be required.