

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

May 11, 1981

WBRD-50-390/81-39
WBRD-50-391/81-38

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - DEFICIENCIES IN BOX ANCHORS AND
HANGER LUGS - WBRD-50-390/81-39 AND WBRD-50-391/81-38 - FIRST INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on April 10, 1981, in accordance with 10 CFR 50.55(e) as
NCR 2795R R1. Enclosed is our first interim report. We expect to
provide additional information by June 18, 1981.

If you have any questions concerning this matter, please get in touch
with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, 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
WELDING DEFICIENCIES ON BOX ANCHORS AND HANGER LUGS
WBRD-50-390/81-39
WBRD-50-391/81-38
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Box anchors and hanger lugs were fabricated using material which was not traceable to certified mill test reports. This material was not verified as having a valid heat number. In addition, the code welds on the box anchors and hanger lugs were made by unqualified welders, and at least two cases have occurred where unqualified welders started welds which were finished by qualified welders.

Interim Progress

TVA is continuing the investigation to determine the significance of this matter.