

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

October 25, 1982

U.S. Nuclear Regulatory Commission
Region II
ATTN: Mr. James P. O'Reilly
Regional Administrator
101 Marietta Street - Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - IMPROPER WELD ATTACHMENT OF SHEAR LUGS - NCR 2451R - SEVENTH INTERIM REPORT

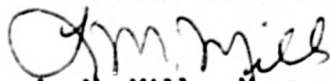
The subject deficiency was initially reported to NRC-OIE Inspector R. W. Wright on October 30, 1980 in accordance with 10 CFR 50.55(e). Our first interim report was submitted on December 1, 1980. TVA submitted a final report on NCRs 2451R and 2882R on January 26, 1981. As discussed with Inspector R. V. Crlenjak on October 6, 1981, TVA has determined that further interim reports are necessary to resolve this deficiency. NCRs 3632R and 3674R have been added to the original NCRs due to their similar nature. Further interim reports were submitted on November 4, 1981 and January 25, March 22, and August 10, 1982. We expect to submit our next report on or about December 17, 1982.

As stated in our previous report, corrective action for NCR 3632R R1 has been completed as it has been determined that 1/2-inch fillet welds are acceptable. For deficiencies identified in the other three NCRs, the disposition has been determined and includes use of 1/4-inch fillet welds or full penetration welds depending on the specific shear lug. Seven hangers still require revised drawings, and in all, 41 hangers still require modification. TVA is still in the process of identifying the cause and the action to prevent recurrence for these deficiencies.

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

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

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