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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA TENNESSEE 37401

400 Chestnut Street Tower II

June 5, 1981

WBRD-50-390/81-49
WBRD-50-391/81-47

RECEIVED
JUL 20 1981
U.S. NUCLEAR REGULATORY COMMISSION

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 - PIPE SUPPORT MOUNTING DEFICIENCIES - WBRD-50-390/81-49, WBRD-50-391/81-47 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on May 6, 1981 in accordance with 10 CFR 50.55(e) as NCR WBN 3128R. Enclosed is our first interim report. We expect to submit our next report by August 14, 1981.

If you have any questions, 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
PIPE SUPPORT MOUNTING DEFICIENCIES
WBRD-50-390/81-49, WBRD-50-391/81-47
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Hangers have been installed for the component cooling and residual heat removal systems using design drawings specifying attachment to the shield building; however, the analysis isometric and its companion load tables specify attachment to the auxiliary building. In addition, hangers representing a single node point on the safety injection system have been attached to the auxiliary building for restraint in the "Z" direction and to the shield building for the "Y" direction. This difference in anchor location can introduce stresses in the pipes which have not been evaluated during the analysis.

Corrective Action

TVA is investigating this deficiency. The investigation will resolve TVA's concerns about the potential for fatigue failure or overstressing.