TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

July 8 1982

WBRD-50-390/82-66
WBRD-50-391/82-63

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 - PIPE SUPPORT LUG CRITERIA NOT MET - WBRD-50-390/82-66, WBRD-50-391/82-63 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on June 7, 1982 in accordance with 10 CFR 50.55(e) as NCR WBN SWP 8221. Enclosed is our first interim report. We expect to submit our next report on or about August 12, 1982.

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

Enclosure
cc: Mr. Richard C. DeYoung, 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 LUG CRITERIA NOT MET
NCR WBN SWP 8221
WBRD-50-390/82-66, WBRD-50-391/82-63
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Support No. 47A464-11-1 of the Component Cooling System does not meet the requirements of document CEB 76-20, Revision 2, "Design Data for Rectangular Support Lug Attachments to Classes 2 and 3 Piping Systems." The support drawing specified a lug length of two inches, whereas CEB 76-20, revision 2, listed a maximum length of one inch for the pipe size in question.

At the time the support drawing was issued, it had met the requirements of CEB 76-20, revision 1, which was the governing lug criteria document. However, TVA upgraded the lug design criteria as reflected in CEB 76-20, revision 2, and thus created the discrepancy.

Interim Progress

TVA will determine the effect of the oversized lugs on the design of the supports and their adequacy for performing their intended safety function.

More information will be forwarded in our next report.