TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

August 19, 1982

BLRD-50-438/82-48
BLRD-50-439/82-43

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:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - DEFICIENT STEAM GENERATOR SUPPORT BOLTS - BLRD-50-438/82-48, BLRD-50-439/82-43 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on July 23, 1982 in accordance with 10 CFR 50.55(e) as NCR 1887. Enclosed is our first interim report. We expect to submit our next report by December 21, 1982.

If you have any questions concerning this matter, 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

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
DEFICIENT STEAM GENERATOR SUPPORT BOLTS
NCR 1887
BLRD-50-438/82-48, BLRD-50-439/82-43
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Several 2-inch diameter bolts manufactured from SA 540 GR B24 material by Lakeside Bridge and Steel used in the upper steam generator restraints appear to be deficient. The deficiency involves loss of tension in the bolts after they were torqued to 65 percent of their ultimate strength. The bolts are in metal to metal joints. The loss of tension was discovered during reinspection of the bolts.

Interim Progress

Sample bolts found loosened have been sent to Singleton Labs for testing and evaluation. Results of the testing and evaluation will determine if a material deficiency exists or if the bolts can perform their intended functions adequately. More information will be forwarded in our next report.