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

84 MAR 13 A9:13

March 9, 1984

BLRD-50-438/84-17
BLRD-50-439/84-16

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2 - ITT GRINNELL PIPE SUPPORTS DESIGNED WITH SWAY STRUTS INSTEAD OF REQUIRED GAPS - BLRD-50-438/84-17, BLRD-50-439/84-16 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Ross Butcher on January 8, 1984 in accordance with 10 CFR 50.55(e) as NCR BLN BLP 8403. Enclosed is our first interim report. We expect to submit our next report by August 28, 1985. We consider 10 CFR Part 21 applicable to this deficiency.

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

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, D.C. 20555

Records Center (Enclosure)
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

OFFICIAL COPY

IE27

1/1

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
ITT GRINNELL PIPE SUPPORTS DESIGNED WITH SWAY STRUTS
INSTEAD OF REQUIRED GAPS
BLRD-50-438/84-17, BLRD-50-439/84-16
NCR BLN BLP 8403
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

ITT Grinnell-designed pipe supports ORF-MPHG-03-9 R3, 1VE-MPHG-2392 Sh 1 R2, and 1VE-MPHG-2392 Sh 2 R0, which are located on alternately analyzed safety-related plant systems have incorrect pipe movement data shown on the ITT Grinnell detail sheets. This could result in a support design where friction loads were not evaluated or swing angles were not properly checked. The incorrect movement data shown on the pipe support detail sheets resulted from the misinterpretation of the non-numeric pipe movement data listed on the alternate analysis table of support loads.

Interim Progress

TVA will revise the alternate analysis load tables involved in the deficiency to change the non-numeric pipe movement entries to numeric values. The support detail sheets will be reviewed against the revised load tables as they are issued. Those supports identified as possessing incorrect movement data will be revised and the calculations checked for adequacy.