

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 10, 1982

BLRD-50-438/82-71 / 15

BLRD-50-439/82-65

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:

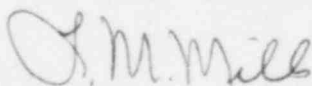
BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2 - UNDERDESIGNED SNUBBER ON MAIN  
FEEDWATER PIPING IN VALVE ROOM B - BLRD-50-438/82-71, BLRD-50-439/82-65 -  
FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
K. Landis on October 13, 1982 in accordance with 10 CFR 50.55(e) as  
NCR BLN CEB 8214. Enclosed is our first interim report. We expect to  
submit our next report by February 23, 1983.

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, D.C. 20555

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REGION II  
ATLANTA, GEORGIA

ENCLOSURE  
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
UNDERDESIGNED SNUBBER ON MAIN FEEDWATER PIPING IN VALVE ROOM B  
10 CFR 50.55(e)  
NCR BLN CEB 8214  
BLRD-50-438/82-71, BLRD-50-439/82-65  
FIRST INTERIM REPORT

Description of Deficiency

A snubber on the main feedwater piping in valve room B, shown on isometric drawing 1AW0501-CF-B1 at node 5, is underdesigned. The calculated loads (analysis problems N4-1CF-B and N4-2CF-B) at node 5 are low because a snubber was placed on a valve operator at node 25 which apparently added restraint to the piping. The snubber at node 25 if required, should not provide significant restraint to the piping.

Interim Progress

The analysis has been completed and is being documented. The results require replacing the underdesigned snubber at node 5 with a rigid support at node 30. The new support configuration and loads will be issued when check procedures are completed. All rigorous analysis problems will be reviewed to identify snubbers placed on valve operators with a restraint component along the axis of the pipe.