

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

34 SEP 21, 1984  
2:05

BLRD-50-438/84-35  
BLRD-50-439/84-32

U.S. Nuclear Regulatory Commission  
Region II  
Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Dear Mr. O'Reilly:

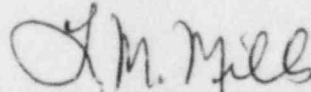
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - USE OF INCORRECT ADAPTORS ON  
INSTRUMENTATION LINES - BLRD-50-438/84-35, BLRD-50-439/84-32 - SECOND  
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
P. E. Fredrickson on May 10, 1984 in accordance with 10 CFR 50.55(e) as NCR  
3102. This was followed by our interim report dated June 4, 1984.  
Enclosed is our second interim report. We expect to submit our next report  
by February 24, 1985.

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, D.C. 20555

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

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
USE OF INCORRECT ADAPTORS ON INSTRUMENTATION LINES  
BLRD-50-438/84-35, BLRD-50-439/84-32  
NCR 3102  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

A problem has been identified at Bellefonte which involves adaptors (sized 3/4-inch and under) used to connect instrument piping to instrument tubing. For tube-to-pipe adaptors with TVA Mark Nos. 142, 155, 158, 690, 691, 692, and 778, the TVA mark number or schedule is not affixed to the adaptor (they are not required to be), and the proper schedule adaptor required by design drawings may not have been used in all cases.

The apparent cause of this deficiency is the lack of schedule identification on the adaptors and the fact that documentation of inspection verification of the adaptor's schedule is not required by present quality control procedures.

Interim Progress

TVA is still proceeding with the review of all the weld maps that concern ASME piping and the subject adaptors. To prevent this problem from recurring, hold points are being placed on the weld cards for the adaptors being installed to allow for a check of the adaptor's schedule, and Bellefonte Nuclear Plant Quality Control Procedure (QCP) 7.9 has been revised to require a quality control inspection to verify the correctness of the adaptor being used. TVA has also ordered special stamps so that an adaptor can be marked with its particular schedule.