

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

December 19, 1983

BLRD-50-439/83-25

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 PLANT UNIT 2 - DRAWING DISCREPANCY FOR INCORE MONITOR  
TANK SLEEVES - BLRD-50-439/83-25 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Linda Watson on April 5, 1983 in accordance with 10 CFR 50.55(e) as NCR 2317. This was followed by our interim report dated May 4, 1983. Enclosed is our second interim report. We expect to submit our next report by January 23, 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*  
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 UNIT 2  
DRAWING DISCREPANCY FOR INCORE MONITOR TANK SLEEVES  
BLRD-50-439/83-25  
10 CFR 50.55(e)  
NCR 2317  
SECOND INTERIM REPORT

Description of Deficiency

The unit 2 Reactor Building Incore Monitor tank sleeves, for incore piping, (El 639.01 Mark 1 and 2 sleeves) are 18'-2-3/4" and 1'-9-1/2" from the center line of the reactor building. On the unit 1 plan view, the dimensions are 18'-2-3/4" and 2'-3-1/2". As a result, the unit 2 sleeves in the incore tank are installed 6" west of their intended location.

Interim Progress

The nonconformance has been referred to the Division of Engineering Design with a recommended disposition to use the tank sleeves in their present configurations.

Babcock and Wilcox was notified of this condition and was asked to review the "use-as-is" disposition as it deviates from their acceptance criteria. Babcock and Wilcox recommended that TVA install the sleeves in the correct location.

TVA would prefer the "use-as-is" solution and has purchased "dummies" which, upon delivery, will be inserted in each unit and the insertion and withdrawal forces monitored. TVA will submit the test results to Babcock and Wilcox for their review and approval.