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 AUTH. NAME: AUTHOR AFFILIATION  
 MILLS, L.M. Tennessee Valley Authority  
 RECIP. NAME: RECIPIENT AFFILIATION  
 O'REILLY, J.P. Region 2, Atlanta, Office of the Director MA/1

SUBJECT: Final interim deficiency rept originally reported on 800805  
 re RCS pump cases out of level. B&W level tolerance of 0.125  
 inches exceeded on two of four RCS pump casings. B&W review  
 noted that out-of-tolerance pump cases are useable as is.

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 12, 1980

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Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNIT 1 - REACTOR COOLING SYSTEM PUMP CASES OUT OF  
LEVEL - NCR 1231 - FINAL REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector  
F. S. Cantrell on August 5, 1980, in accordance with 10 CFR 50.55(e). This  
was followed by our first interim report dated September 4, 1980. Enclosed  
is our final report.

If you have any questions concerning this matter, please get in touch with  
D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., Director (Enclosure) ✓  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNIT 1  
REACTOR COOLING SYSTEM PUMP CASES OUT OF LEVEL  
NCR 1231  
10 CFR 50.55(e)  
FINAL REPORT

Description of Deficiency

The B&W level tolerance of 0.125" total indicator reading (TIR) was exceeded on two of four reactor coolant pump casings.

Safety Implications

As a result of B&W's review of the out-of-tolerance installation of the reactor coolant pump cases, B&W determined that the pumps could be used as is. Thus, no condition which could have adversely affected the safe operation of the plant exists.

Corrective Action

The B&W engineering resolution noted that the cut-of-tolerance pump cases are acceptable as is. The motor vendor (AEG-Telefunken) specifications allows one-fourth degree variation of the motor centerline from the vertical. The data supplied B&W by TVA indicated a variation from horizontal to be one-eighth degree maximum.