

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

July 24, 1984 8:58

BLRD-50-438/84-18, WBRD-50-390/84-08  
BLRD-50-439/84-17, WBRD-50-391/84-08

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:

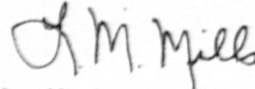
WATTS BAR AND BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2 - GENERIC  
IMPLICATIONS REVIEWS BY CONSTRUCTION PROJECTS - BLRD-50-438/84-18, BLRD-50-  
439/84-17, WBRD-50-390/84-08, WBRD-50-391/84-08 - FINAL REPORT

The subject deficiency was initially reported for unit 1 to NRC-OIE  
Inspector P. E. Fredrickson on February 13, 1984 in accordance with 10 CFR  
50.55(e) as NCR QES-84-1-A. This was followed by our interim report dated  
March 19, 1984. Enclosed is our final report.

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

## ENCLOSURE

WATTS BAR AND BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
GENERIC IMPLICATIONS REVIEWS BY CONSTRUCTION PROJECTS  
WBRD-50-390/84-08, WBRD-50-391/84-08  
BLRD-50-438/84-18, BLRD-50-439/84-17  
NCR QES-84-1-A  
10 CFR 50.55(e)  
FINAL REPORT

### Description of Deficiency

The quality reviews of significant nonconformance reports (NCRs) for generic implications are being performed by TVA's Division of Construction (CONST) at the sites with respect only to that particular site organization. The intent of TVA's Program Requirement No. 16QPD-1, R0, "Identification of Root Cause and Generic Implication for Significant Conditions Adverse to Quality," has not been met in that the NCR is being completed by the identifying site organizations before determining whether or not the condition is generic to other CONST sites. The apparent cause of the deficiency was insufficient detail in the division-level procedure (CONST QAP 16.1, R3) to adequately address responsibilities and requirements.

### Safety Implications

Failure to evaluate the generic implication of significant NCRs for other potentially affected organizations could allow conditions adverse to safety to go undetected at other potentially affected sites.

### Corrective Action

TVA's Office of Construction (CONST) has issued revision 4 of QAP 16.1 to more clearly define the intra-office responsibility for determining the generic implications of a nonconformance. QAP 16.1 R4 also defines the organization responsible for documenting the results of a generic implications investigation. This will ensure that generic implications have been investigated for all CONST plants before closure of the NCR.

TVA considers CONST's Program Information Notice/Quality Bulletin program and the related site programs adequate to ensure that deficiencies with division-wide generic implications that were identified before issuance of QAP 16.1 R4 were investigated and the investigations documented.