

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

May 24, 1983

WBRD-50-390/82-06, -391/82-06
BLRD-50-438/82-03, -439/82-03

U.S. Nuclear Regulatory Commission
Region II
ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

USNRC REGION II
ATLANTA, GEORGIA
83 MAY 31 AM 1:19

Dear Mr. O'Reilly:

WATTS BAR AND BELLEFONTE NUCLEAR PLANTS - REPORTABLE DEFICIENCY -
ENGINEERING CHANGE REVIEW AND HANDLING - WBRD-50-390/82-06, -391/82-06 -
BLRD-50-438/82-03, -439/82-03

The subject deficiency was initially reported to NRC-OIE, Region II, Inspector Ross Butcher on December 15, 1981 as Audit M81-13, Deficiency Nos. 2, 3, and 4. In accordance with paragraph 50.55(e) of 10 CFR Part 50, we are enclosing our fifth interim report for the Watts Bar and Bellefonte Nuclear Plants. As discussed in our third interim report, it has been determined that deficiency 2 has no applicability to Watts Bar. With regard to deficiencies 3 and 4, additional sampling of engineering change notices resulted in the identification of problems in one area. Based upon the review of 100 Bellefonte engineering notices, it was determined no additional sampling is necessary. We anticipate transmitting additional information regarding Watts Bar and Bellefonte on or before July 22, 1983.

If you have any questions, please call Ralph Shell at FTS 858-2676.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager
Nuclear Licensing

Enclosure

cc: Mr. R. C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ENCLOSURE
WATTS BAR AND BELLEFONTE NUCLEAR PLANTS
ENGINEERING CHANGE NOTICE REVIEW AND HANDLING
10CFR50.55(e) REPORT NO. 5 (INTERIM)
AUDIT M81-13, DEFICIENCY NOS. 2, 3, AND 4
WBRD-50-390/82-06, -391/82-06
BLRD-50-438/82-03, -439/82-03

Interim Progress

Watts Bar

TVA conducted an initial sampling of the Watts Bar Design Project Organization (WBP) to determine if conditions existed where an Engineering Change Notice (ECN) should have required an accompanying Nonconformance Report (NCR). The results of this sampling indicated problems in one area only within the design project. Therefore, a complete review of all ECNs produced in this one area was performed. A total of seven discrepancies were identified. Subsequent investigation revealed that five of these seven discrepancies were nonconforming conditions. These five nonconformances are being processed by TVA in accordance with existing procedures.

In order to prevent recurrence of this problem, WBP has conducted a retraining of all employees to ensure that they are aware of the type of conditions requiring initiation of NCRs.

These corrective actions have been presented to TVA's Office of Quality Assurance in an effort to close the subject audit findings.

Bellefonte

Audit M81-13, Deficiency No. 3 listed 12 ECNs which were stated to have required an accompanying NCR. After further investigation, six of these 12 were determined to actually require NCRs. Only one of the six NCRs was determined to be a condition adverse to safe plant operation and was reported to the NRC initially on August 2, 1982 (NCR BLNQAB8203).

The Bellefonte Design Project (BLP) conducted an audit of 100 ECNs to determine the extent of this deficiency. The audit indicated several insignificant anomalies and one additional instance where an NCR resulted. Upon further investigation of the NCR, it was determined that a problem did not actually exist and that the NCR should not have been written. Based on the results of this sampling, it was determined that no additional sampling is necessary.

To prevent recurrence of deficiencies 3 and 4, BLP has instituted a training program to educate all personnel in the requirements of Engineering Procedures with respect to ECN review and handling.

These corrective actions have been presented to TVA's Office of Quality Assurance in an effort to close the subject audit findings.