

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

84 AUG 14 P 1: 09 August 7, 1984

BLRD-50-438/83-60, WBRD-50-390/83-68
BLRD-50-439/83-53, WBRD-50-391/83-63

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:

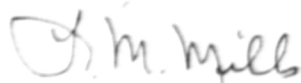
WATTS BAR AND BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2 - LIMITORQUE QA PROGRAM - BLRD-50-438/83-60, BLRD-50-439/83-53; WBRD-50-390/83-68, WBRD-50-391/83-63 - FINAL REPORT WATTS BAR UNIT 1, THIRD INTERIM REPORT - WATTS BAR UNIT 2 AND BELLEFONTE UNITS 1 AND 2

The subject deficiency was initially reported to NRC-OIE Inspector Linda Watson on November 15, 1983 in accordance with 10 CFR 50.55(e) as NCR QDBVA84-5-D-01. This was followed by our interim reports dated December 15, 1983 and April 30, 1984. Enclosed is our final report for Watts Bar unit 1 and third interim report for Watts Bar unit 2 and Bellefonte units 1 and 2. We expect to submit our next report by November 1, 1984. We consider 10 CFR Part 21 applicable to this deficiency.

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
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ENCLOSURE

WATTS BAR AND BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2
LIMITORQUE QA PROGRAM
BLRD-50-438/83-60, BLRD-50-439/83-53
WBRD-50-390/83-68, WBRD-50-391/83-63
NCR QDBVA84-5-D-01
10 CFR 50.55(e)
FINAL REPORT FOR WATTS BAR UNIT 1
THIRD INTERIM REPORT FOR WATTS BAR UNIT 2 AND
BELLEFONTE UNITS 1 AND 2

Description of Deficiency

Vendor audit QDBVA84-5 was conducted at Limitorque Corporation, Lynchburg, Virginia, during the period November 1-4, 1983. As a result of this audit, deviation QDBVA84-5-D-01 was initiated, which identified the lack of an adequately implemented quality assurance program. TVA contract No. 81Z26-829681, errata to TVA Specification SS-MEB-SS10.10, "Technical Specification for Electric Motor Operators (All Valves)," change number 8, requires quality assurance to meet the requirements of ANSI N45.2. Discrepancies noted during program evaluation determined program implementation did not meet contract and supplier program commitments.

Some of the deficiencies noted included: inadequate documentation of QC inspector training, inadequate control and implementation of QC procedures, inadequate inspection documents, vendor qualification not addressed in QA program, and audit follow-up and verification being performed by QC manager.

Safety Implications

Limitorque motor operators are used on various safety-related valves at all TVA nuclear plants and are essential to the operation of the valves on which they are used. If the operators are inoperable or severely degraded, there could be an adverse impact on the ability of the affected safety-related valve to perform its intended function. This could adversely affect the safe operation of the plant.

NOTE: This condition has been handled under 10 CFR 50.72 and 10 CFR 50.73 for TVA's operating nuclear plants.

Interim Progress - Watts Bar Unit 2 and Bellefonte Units 1 and 2

As noted in our previous report on this deficiency, Limitorque has submitted an acceptable response detailing their proposed corrective actions for the audit deficiencies identified by TVA's Office of Quality Assurance. TVA will submit a final report upon completion of a reaudit to verify that the corrective actions have been implemented.