

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

83 SEP 20 All: 25

September 16, 1983

WBRD-50-390/82-100

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:

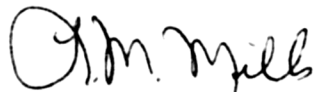
WATTS BAR NUCLEAR PLANT UNIT 1 - DISCREPANCIES BETWEEN AS-BUILT AND AS-ANALYZED PIPING CONFIGURATIONS (IEB 79-14) - WBRD-50-390/82-100 - THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on September 10, 1982 in accordance with 10 CFR 50.55(e) as NCR WBN SWP 8248. Interim reports were submitted on October 13, 1982 and March 24, 1983. Enclosed is our third interim report. We expect to submit our next report on or about January 19, 1984.

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

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNIT 1
DISCREPANCIES BETWEEN AS-BUILT
AND AS-ANALYZED PIPING CONFIGURATIONS (IEB 79-14)
NCR WBN SWP 8248
WBRD-50-390/82-100
10 CFR 50.55(e)
THIRD INTERIM REPORT

Description of Deficiency

This NCR was generated as a result of IE Bulletin 79-14, which states that the as-built configurations of various safety-related piping systems have revealed a number of discrepancies to design drawings. These discrepancies between as-built and as-designed piping and hangers could affect the validity of the seismic analyses. Design specifications and drawings are used to obtain input information for seismic analysis of safety-related systems. As a result, various safety-related systems may not be seismically qualified.

Inspections are to be performed by TVA's Division of Engineering Design (EN DES) per the Program Plan for IE Bulletin 79-14, Special Engineering Procedures (SEP) 82-12 and 81-13 (Phase I), and by an independent third party in accordance with EN DES-SEP 82-25 (Phase II) to ensure that piping is installed as analyzed to satisfy the requirement of NRC-IE Bulletin 79-14. Any discrepancies found during this inspection are covered under this NCR.

Interim Progress

The Phase I inspection program is approximately 80-percent complete with the Phase II inspection program to begin in September. We expect to submit the next report on this matter by January 19, 1984.