

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

June 16, 1983

WBRD-50-390/83-12

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 - DRAWINGS ISSUED UNDER ECN 2104  
WITHOUT ADDING FLEXIBLE HOSES - WBRD-50-390/83-12 - SECOND INTERIM REPORT

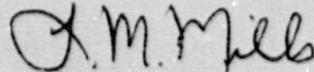
The subject deficiency was initially reported to NRC-OIE Inspector T. Heatherly on March 14, 1983 in accordance with 10 CFR 50.55(e) as NCR WBN SWP 8318. Our first interim report was submitted on April 11, 1983. Enclosed is our second interim report. We expect to submit our next report by September 6, 1983.

Our previous submittal inadvertently indicated that this deficiency was applicable to both units 1 and 2. This condition only exists for unit 1. NRC-OIE Inspector L. Watson was notified of this error on April 14, 1983. Please revise your records accordingly.

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

8306270386 830616  
PDR ADOCK 05000390  
S PDR

An Equal Opportunity Employer

83 JUN 21 9:43  
USNRC REGION I  
ATLANTA, GEORGIA

OFFICIAL COPY

Te 97  
||

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNIT 1  
DRAWINGS ISSUED UNDER ECN 2104 WITHOUT ADDING FLEXIBLE HOSES  
NCR WBN SWP 8318  
WBRD-50-390/83-12  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

During an overall drawing review of the piping systems analyzed under TVA's alternate analysis program, it was found that a 1-inch and a 3/4-inch nitrogen supply line were not provided with the required flexible hose assemblies for attachment to the outside of the steel containment vessel (SCV) penetration.

The flexible hose assemblies were to have been added under TVA ECN 2104 as a result of NCR CEB 79-23 "DBA Movements of SCV Not Properly Accounted For In Design" to allow for the design basis accident (DBA) movement of the SCV. Although flexible hose assemblies were procured and delivered to the plant for this application, an oversight in design resulted in the assemblies not being shown on the physical piping drawings. As a result, the two lines were rigidly attached to the outside of SCV penetration X-39A and X-39B.

Interim Progress

TVA ECN 3781 has been written to install the required flexible hose assemblies. Also, ECN 2104 has been thoroughly reviewed to ensure that all required changes have been implemented.

TVA Engineering Procedures (EPs) 4.21 and 4.25 will be revised to add an item to the checklist for design review of the detailed construction drawings addressing a specific review to ensure that the issued drawings accurately implement the scope of the applicable changes.