

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

June 15, 1983

USNRC REGION 3
ATLANTA, GEORGIA
83 JUN 16 P 8:59

WBRD-50-390/83-36
WBRD-50-391/83-36

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 UNITS 1 AND 2 - NONLEAKTIGHT CONTAINMENT ISOLATION
VALVES IN CHILLED WATER SYSTEM - WBRD-50-390/83-36, WBRD-50-391/83-36 - FIRST
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
P. E. Fredrickson on May 17, 1983 in accordance with 10 CFR 50.55(e) as
NCR WBN NEB 8306. Enclosed is our first interim report. We expect to
submit our next report on or about September 13, 1983.

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
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 UNITS 1 AND 2
NONLEAKTIGHT CONTAINMENT ISOLATION VALVES IN CHILLED WATER SYSTEM
NCR WBN NEB 8306
WBRD-50-390/83-36, WBRD-50-391/83-36
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Containment isolation valves installed in the chilled water system are not designed to be leaktight so as to allow passage of the Type C air leakrate test (TVA-2C) as specified in 10 CFR 50 Appendix J. The affected valves are (both units):

FCV-31-305	FCV-31-326
FCV-31-306	FCV-31-327
FCV-31-308	FCV-31-329
FCV-31-309	FCV-31-330

Interim Progress

TVA has initiated engineering change notices (ECNs) 3861 and 3864, for units 1 and 2, respectively, to replace the affected valves with other valves which have already passed a Type C air leakrate test.