

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 7, 1983

WBRD-50-390/81-68
WBRD-50-391/81-64

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - CHECK VALVE ON DIESEL GENERATOR
STARTING AIR - WBRD-50-390/81-68, WBRD-50-391/81-64 - FOURTH INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on August 20, 1981 in accordance with 10 CFR 50.55(e)
as NCR W-50-P. Interim reports were submitted on September 21, 1981
and January 5, March 26, and August 31, 1982. We expect to submit our next
report on or about April 15, 1983. We consider 10 CFR Part 21 applicable
to this deficiency.

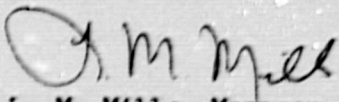
TVA has taken the following actions concerning the deficient 3/4-inch
check valves:

1. The deficient check valves have been temporarily replaced with soft-
seated bronze valves which are more compatible with the intended
service.
2. Air driers are currently being installed between the air compressor and
the affected valve(s). This will reduce the air surge which caused the
original valves to fail.
3. Permanent replacement valves are in the process of being procured.

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

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PDR ADOCK 05000390
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cc: Mr. Richard C. DeYoung, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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