

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 18, 1982

WBRD-50-390/82-101, -391/82-96  
BLRD-50-438/82-69, -439/82-62  
YCRD-50-566/82-19, -567/82-19  
HTRD-50-518/82-21, -520/82-21

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, BELLEFONTE, YELLOW CREEK, AND HARTSVILLE NUCLEAR PLANTS  
UNITS 1 AND 2 - ADDITION OF LOCKING DEVICES TO HANDWHEEL-OPERATED VALVES  
- FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
R. V. Crlenjak on September 16, 1982 in accordance with 10 CFR 50.55(e)  
as NCR GEN NEB 8210.

TVA has elected to defer construction activities on Yellow Creek and Harts-  
ville. Deferral does not mean that the project will be cancelled but that  
TVA is minimizing its expenditures and construction efforts until such time  
that TVA has sufficient information to indicate whether the project should  
be completed or cancelled. Therefore, we will not be submitting further  
information on Yellow Creek or Hartsville until a final decision is made  
regarding these projects. Enclosed is our first interim report on Watts  
Bar and Bellefonte. We expect to submit our next report by March 10, 1983.

If you have any questions, please get in touch with R. H. Shell at  
FTS 858-2688 for PWRs and J. A. Domer at FTS 858-2725 for BWRs.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*D S Kammer*

for 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

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NRC REGION II  
CHATTANOOGA, TENN

ENCLOSURE

WATTS BAR AND BELLEFONTE NUCLEAR PLANTS UNITS 1 AND 2  
ADDITION OF LOCKING DEVICES TO HANDWHEEL-OPERATED VALVES  
NCR GEN NEB 8210

WBRD-50-390/82-101, WBRD-50-391/82-96, BLRD-50-438/82-69, BLRD-50-439/82-62  
10 CFR 50.55(e)

FIRST INTERIM REPORT

Description of Deficiency

TVA has added locking devices (e.g., chain/padlock) to certain handwheel-operated valves to prevent inadvertent manual operation of the valves. Based on field-supplied data, the actual maximum added weight of the locking device is approximately 2.5 pounds. The nonconformance concern is whether the added weight of the locking device will affect seismic qualification of the respective valve or pipe.

Interim Progress

Analyses of the locking devices used by TVA is continuing. Further information shall be provided in our next report.