

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 17, 1980

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

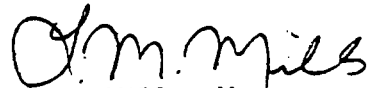
WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - NRC LETTER RII:TDG 50-390/80-24,  
50-391/80-18 - RESPONSE TO INFRACTION 390/80-24-01, 50-391/80-18-01

The subject letter dated August 26, 1980, cited TVA with one infraction.  
Enclosed is TVA's response.

If you have any questions, please get in touch with D. L. Lambert at  
FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Director (Enclosure)  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
NRC LETTER RII:TDG 390/80-24 AND 391/80-18  
RESPONSE TO INFRACTION 390/80-24-01, 391/80-18-01

Infraction 390/80-24-01 and 391/80-18-01

As required by 10 CFR 50, Appendix B, Criterion XII and implemented by the Watts Bar FSAR, Paragraph 17.1A.12, "Tools, Gauges, . . . are controlled, calibrated . . . to written procedures . . . These procedures establish the responsibilities and methods . . . by which periodic calibration and adjustment schedules are established." WBNP QCP 1.12, "Control and Calibration of Construction Tools, Gauges, Instruments, and Measuring Devices," specifies in Table 1 that pressure gauges are to be calibrated every three months.

Contrary to the above, on July 30, 1980, a pressure gauge on a foam generator had not been calibrated which was due for calibration on June 12, 1980. The foam generation was in use when this item was identified.

Corrective Action Taken and Results Achieved

Upon investigation before the required calibration date of June 12, 1980, it was discovered that the pressure gauges had been modified by the pump manufacturer to serve as safety shutoff switches and could not be calibrated.

The acceptance criteria, as outlined in WBNP-QCP-3.7, consists of the color, cell structure, and density. Acceptance or rejection of foam is based on these parameters and not the pressure gauge readings. These gauges are used as backup quality control devices for TVA's convenience. They monitor the line pressure of the individual components before they reach the mixing head, thereby indicating the relative quantity of each component being mixed.

Action Taken to Prevent Recurrence

TVA was aware of the calibration problem. New gauges were ordered, calibrated, and installed on the new machine on August 4, 1980. Gauges will be tagged by QA to prevent any recurrence.

Date When Full Compliance Will Be Achieved

The Watts Bar Nuclear Plant is in compliance as of August 4, 1980.