

830 Power Building
TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

*Central File
50-390*

FEB 11, 1977

Mr. Norman C. Moseley, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, NW.
Atlanta, Georgia 30303

Dear Mr. Moseley:

WATTS BAR NUCLEAR PLANT - FIELD ASSEMBLED CONTROL STATION
TWO-POSITION SELECTOR SWITCH OPERATOR - CAQR E-3

The subject deficiency was initially reported to NRC-OIE Region II, Inspector V. L. Brownlee, on November 22, 1976, in accordance with 10 CFR 50.55(e). The first interim report was transmitted to your office on December 22, 1976. The following constitutes the final report.

Description of Deficiency

A false detent occurs when the switch handle is rotated to the extreme right position and then allowed to rotate slightly toward the left position. When this false detent occurs, the spring tension on the movable contact block is relieved sufficiently such that contact continuity is no longer reliable.

Analysis of Safety Implication

The defective switches are used in safety-related boards and circuits. It has been determined that the potential for consequences adverse to safety would have existed had the deficiency gone uncorrected.

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Mr. Norman C. Moseley

FEB 10 1977

Corrective Action

The two-position selector switches provided by the vendor were not in accordance with TVA's procurement specification which required positive action. The inadequacy was identified during a field inspection and as a result all two-position selector switches will be returned to the vendor for replacement with switches that will meet TVA's specification.

Very truly yours,

J. E. Gilleland
Assistant Manager of Power

CC: Dr. Ernst Volgenau, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555