

Docket Nos. 50-390
and 50-391

Tennessee Valley Authority
ATTN: Mr. James E. Watson
Manager of Power
818 Power Building
Chattanooga, Tennessee 37401

SEP 26 1972

Gentlemen:

A failure of an expansion bellows in the circulating water line which serves the main condenser recently occurred at Quad-Cities, Unit 1. The resultant flooding caused degradation of some safety-related equipment.

You are requested to review the proposed design of the Watts Bar Nuclear Plant, Units 1 and 2, to determine whether the failure of any non-Category I (seismic) equipment, particularly in the circulating water system and fire protection system, could result in a condition, such as flooding or the release of chemicals, that might potentially adversely affect the performance of safety-related equipment required for safe shutdown of the facilities or to limit the consequences of an accident.

The integrity of barriers to protect critical equipment from potentially damaging conditions should be assumed only when the barrier has been specifically designed for such conditions. If your review determines that safety-related equipment could be adversely affected, provide your plans and schedules for corrective action.

Please submit your response within 30 days of receipt of this letter.

Sincerely,

Original Signed By
R. C. DeYoung

R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing

cc: See next page

OFFICE >						
SURNAME >						
DATE >						LB

cc: Robert H. Marquis, Esquire
629 New Sprinkle Building
Knoxville, Tennessee 37919

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