

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
SHOCK ARRESTOR STRUT ASSEMBLY INTERFERENCE
WBN MEB 8003 (MEB 80-3)
10 CFR 50.55(e)
FINAL REPORT

Description of Condition

Bergen-Paterson has identified a potential problem with a shock arrestor strut assembly (part No. 2540) used with various sizes of Pacific Scientific Company mechanical shock arrestors. The strut assembly does not provide sufficient clearance for the shock arrestor to function freely when installed at an off axis angle greater than 83 degrees. Bergen-Paterson has notified TVA by letter that some of these assemblies were supplied to Watts Bar Nuclear Plant. This condition was also identified in IE Circular 79-25.

Safety Implications

Had this condition gone uncorrected, the shock arrestors with an interference problem could have bound up and, thereby, not performed their intended safety function. Thus, this condition could have adversely affected the safety of the plant.

Corrective Action

TVA and Bergen-Paterson have identified those shock arrestors with potential interference problems. For all shock arrestors with an interference problem, the strut assembly, used as the rear bracket, will be replaced with a different bracket supplied by the vendor. This work will be completed before fuel loading.

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