

ENCLOSURE

SEQUOYAH NUCLEAR PLANT UNITS 1 AND 2
MISSING SUPPORT FOR AUXILIARY FEEDWATER PUMP
TRIP AND THROTTLE VALVE
NCR MEB 79-35
10 CFR 50.55(e)
FINAL REPORT

Description of Condition

The seismic analysis of the auxiliary feedwater pump turbine assumes that the trip and throttle valve (TTV) is supported by a spring hanger. However, this support was never installed. The auxiliary feedwater pump assembly was purchased from Ingersoll-Rand (I-R). I-R manufactured the pump and base plate and bought the turbine from Terry Turbine Company. A note on the Terry drawing required a support for the TTV. I-R sent the Terry drawing to TVA and assumed that TVA would supply the supports. TVA eventually agreed to supply the supports but never did.

Safety Implications

The support on the TTV is needed in order to validate the seismic analysis. Thus, had this condition gone uncorrected, the ability of the auxiliary feedwater pump system to withstand a seismic event would not have been ensured.

Corrective Action

TVA will install the proper supports for the TTV. Installation of the supports will be completed before fuel loading of the respective unit.

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