

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
BERGEN-PATERSON CLAMPS DO NOT MEET SPECIFICATIONS  
NCR MEB 80-2  
10 CFR 50.55(e)  
FINAL REPORT

Description of Condition

A type of end attachment pipe clamp (Part No. SP 2640-120) manufactured by Bergen-Paterson was made from 1-1/2 inch thick stock material in lieu of 1-3/4 inch material, as specified on the Bergen-Paterson drawing. This type of clamp is normally used to connect a pipe to a pipe support. The problem was discovered on clamps used to support 36-inch pipe.

Safety Implications

While this condition reduces the load carrying capacity of the pipe clamps, these particular clamps are not intended for use in safety-related systems, and therefore this condition would not have adversely affected the safety of the plant.

Corrective Actions

TVA has completed an investigation of this problem and has determined that a total of six nonsafety-related clamps are involved. They are special clamps used on water hammer restraints in the Watts Bar turbine building. The clamps are being sent back to the manufacturer for replacement.