

PHIPPS BEND NUCLEAR PLANT
NCR CEB 79-17
REPORT NO. 2 (INTERIM)
TENSILE ANCHOR CAPACITIES LOWER
THAN ASSUMED IN DESIGN ALLOWABLES

Description of Deficiency

Progressive cracking of the heat affected zone of welded stud anchors in flexible plate connections has occurred in TVA general research and development program tests. This results in lower tensile anchor capacities than assumed in establishing design allowables.

Interim Progress

TVA has completed its testing program for welded stud anchors with flexible plate connections. The data is presently being evaluated and corrective action will be taken as necessary. We anticipate transmitting the final report to the NRC on or before December 21, 1979.

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