

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNIT 1
INCORRECT BORE IN DRAVO TRANSMITTER BOSS
NCR 1942R
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

This item is a Dravo piping subassembly which includes bosses welded onto the pipe and bored in readiness for instrument connections. During an inspection of some instrumentation connections, it was discovered that two bosses were incorrectly bored. These bosses were bored to 3/4" I.D. instead of 3/8" I.D. as specified. There are approximately 34 other similar Dravo subassemblies that have already had instrument connections welded onto them. The extent of the deficiency is now under investigation and will be discussed in the final report.

Since 3/8" I.D. bosses are clearly specified, TVA attributes the cause of this deficiency to a breakdown in Dravo's QA program.

Corrective Action

The two bosses found to be in error were dispositioned to "use as is." A 3/8" I.D. x 3" long flow restrictor will be installed between the boss and valve. If any others are found to be deficient, they will be evaluated by TVA's division of engineering design and dispositioned on a case-by-case basis.