

CONTROL BLOCK:

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 (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[illegible]



Reportable Occurrence 251-78-16
Licensee Event Report
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Additional Cause Description and Corrective Action

The crack in the 4A charging pump discharge piping drain line occurred in a one-inch stainless steel nipple (type 316), which experiences a system pressure of about 2400 psig under normal operating conditions. The crack was approximately 0.250 inches long and was longitudinally located on the nipple outside of the weld areas. The defective nipple was cut out of the piping and a new 316 stainless steel nipple was welded in place. The welds were examined and tested, and the 4A charging pump was then returned to service. The pump was out of service for about 80 hours. The cause of the crack could not be positively determined, however, it was most probably caused by a defect present in the nipple when it was installed in the system during the last refueling outage.

