

PCOR ORIGINAL

Attachment to LER 50-368/80-022 Rev 1

The following corrective actions were taken to prevent an overspeed trip recurrence on the steam driven emergency feedwater pump (2P7A).

1. Governor valve travel has been reduced from 7/8 of an inch to 5/8 inch per Terry Turbine recommendations.
2. The idle speed for the turbine has been reduced from 1100 rpm to 800 rpm.
3. The initiation point for the ramp signal has been delayed by 6 seconds.

Following the above adjustments to the controls for 2P7A, a surveillance test schedule was set up to test the pump for reliability. The test sequence involved restarting the pump after a successful start at the following intervals: 1 hour, 2 hours, 4 hours, 6 hours, 12 hours, 24 hours, 48 hours, 1 week, 2 weeks, 1 month. After the 1 month start interval, the monthly surveillances testing would keep the pump testing on a monthly basis.