

LER 79-37/01-T
DOCKET NO. 50-317
EVENT DATE 08-28-79
REPORT DATE 09-06-79
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS:

On 08-27-79 while returning 1-SI-4145-MOV (12 header containment sump suction valve) to its normal position following a surveillance test, the operator instead shut 1-SI-4143-MOV (12 header refueling water tank suction valve). The hand switch for each valve is identical in appearance and located in close proximity on the control board. Upon discovery of the mispositioned valves, SI-4145-MOV was shut and SI-4143-MOV opened. The surveillance test that was being performed is performed on a monthly basis on each unit and this is the first such occurrence of an error in restoring a system following a test.

In order to prevent a recurrence, a color signaling system will be instituted to aid the operators in easily verifying that all ECCS valves are in their normal position. This system will involve placing colored signal dots next to each ECCS valve, thus allowing the operator to match the position of the valve with the colored signal dot. At each shift turnover, the oncoming operator will verify that all ECCS valves are in their proper position. In addition, an alarm will be added to each RWT suction valve to enunciate in the Control Room if the valves are shut.

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