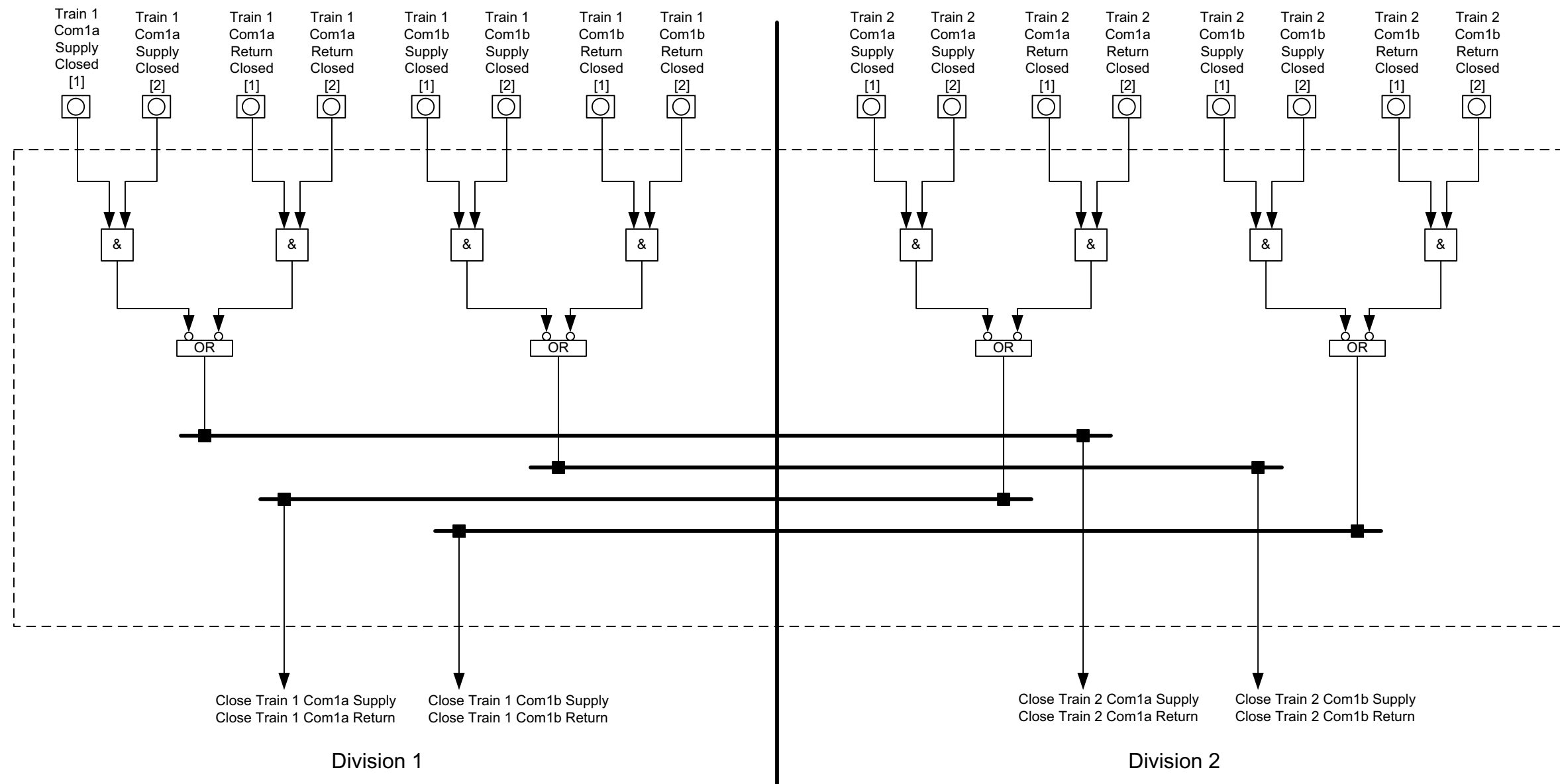


Figure 7.6-1—CCWS Switchover Valves Interlock



Logic shown for Divisions 1 and 2.  
The same logic is implemented between Divisions 3 and 4 with respect to Common 2a and Common 2b.

REV 004  
EPR3427 T2

Figure 7.6-2—CCWS RCP Thermal Barrier Containment Isolation Valves Interlock

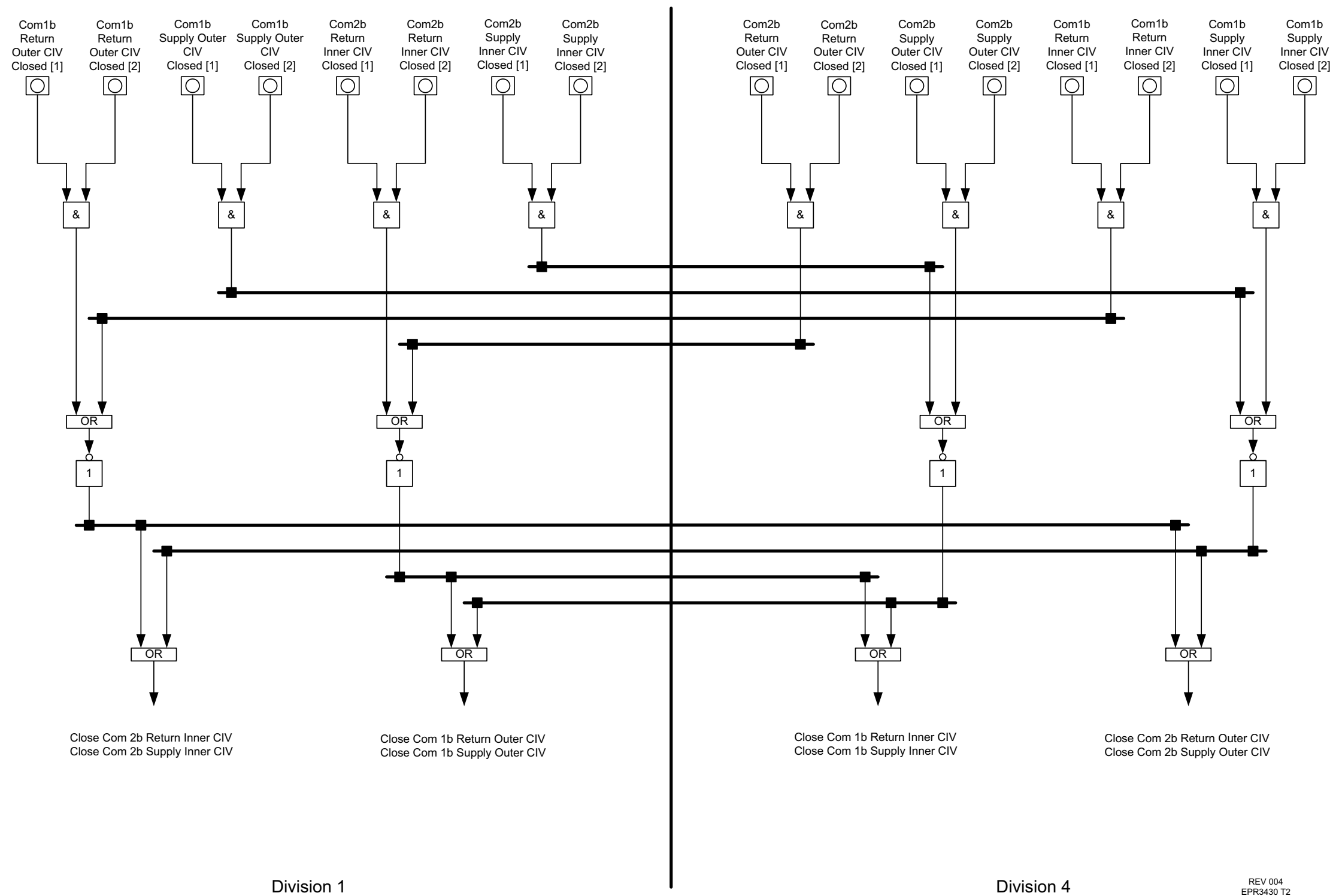
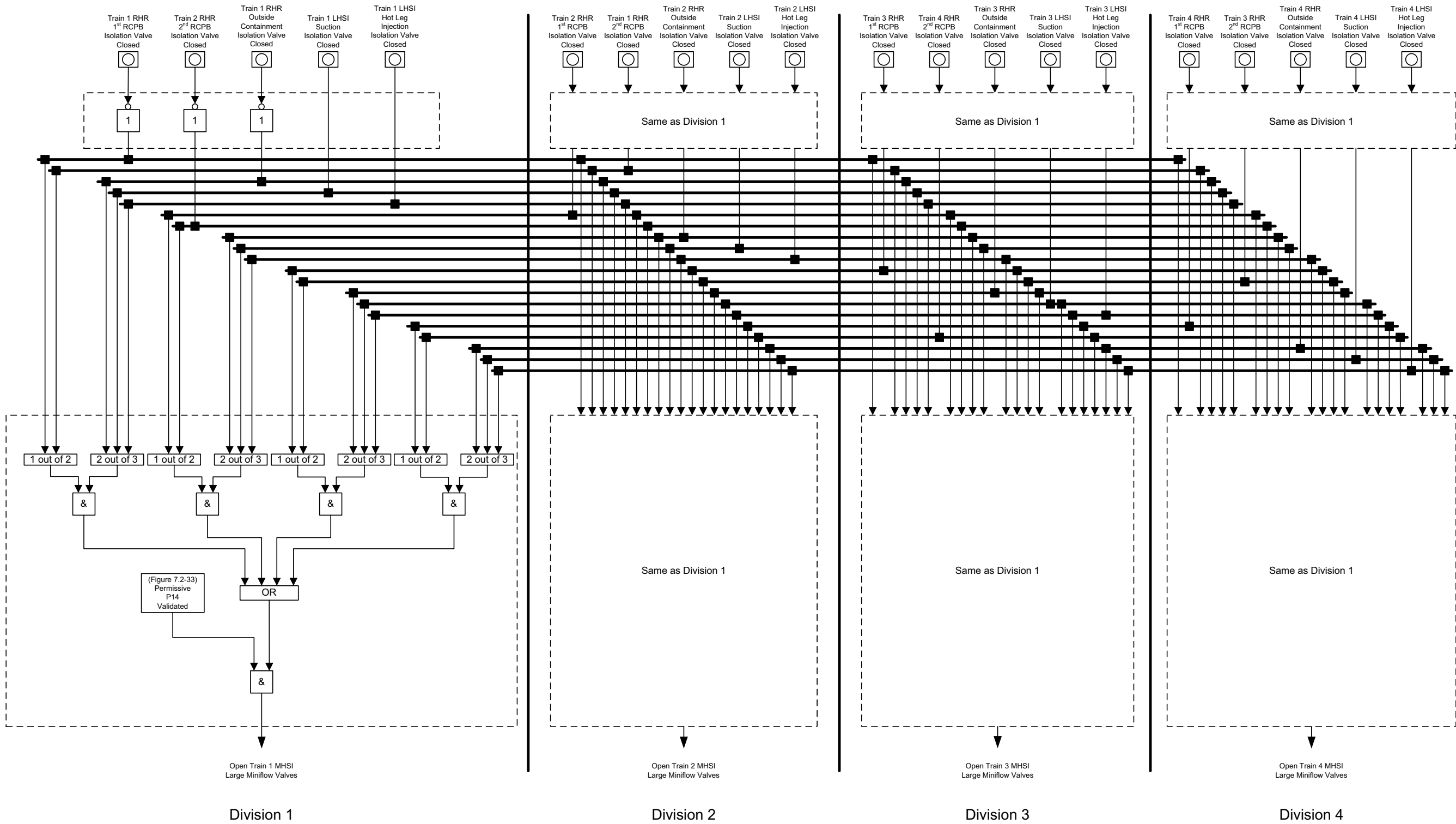
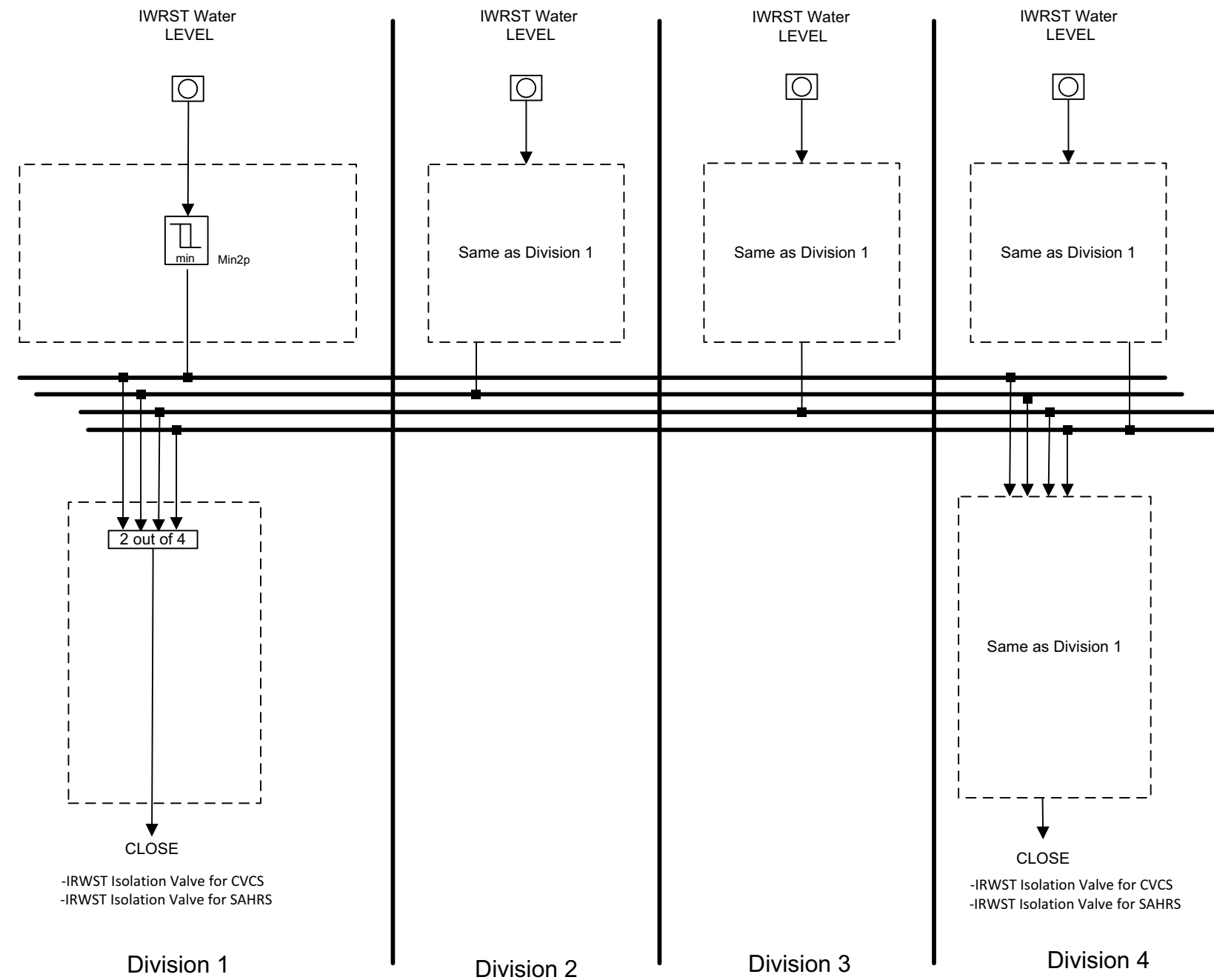


Figure 7.6-3—MHSI Large Miniflow Valves Interlock Between P14 and P17 Permissives



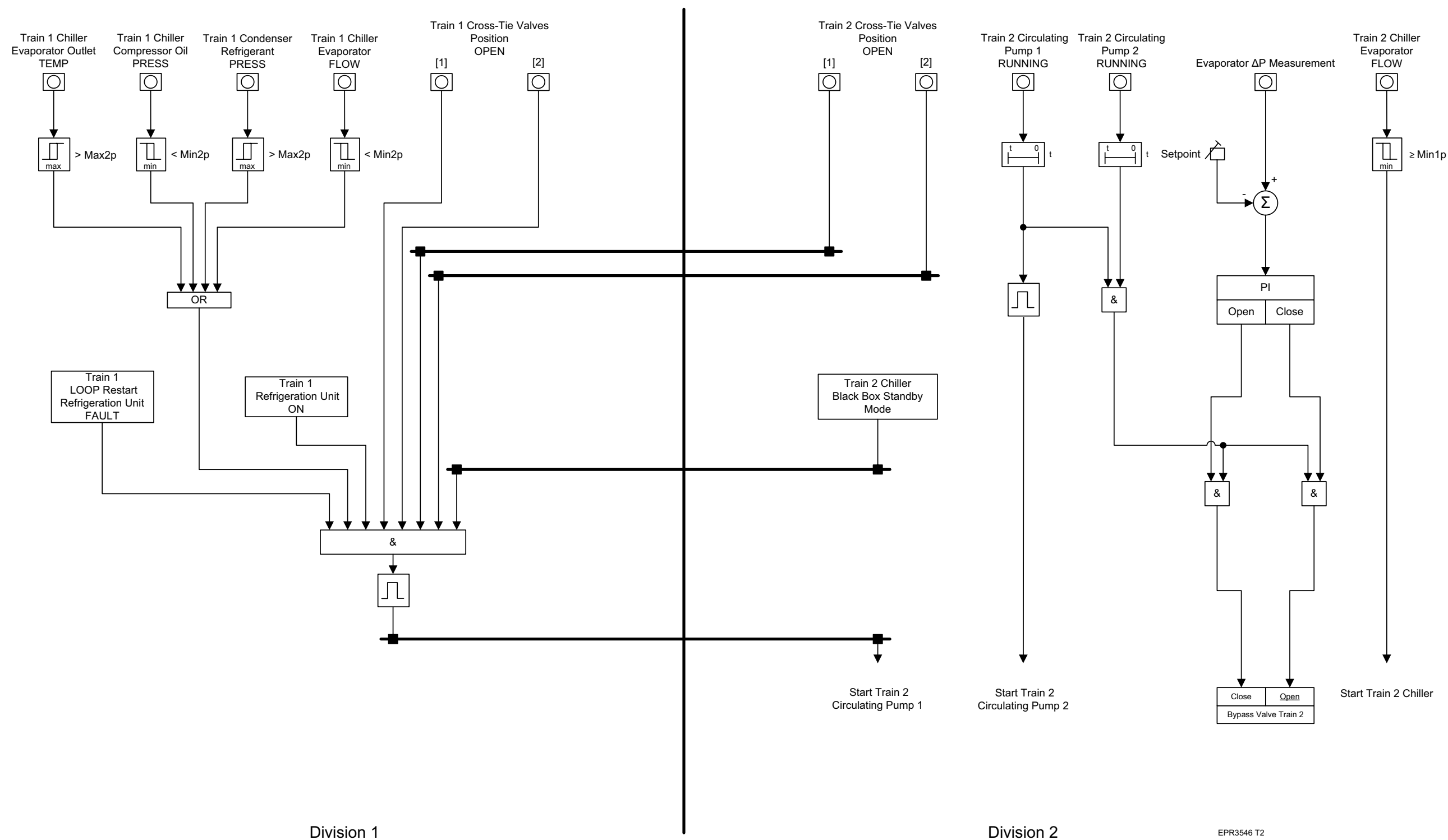
REV 004  
EPR3431 T2

Figure 7.6-4—IRWSTS Boundary Isolation for Preserving IRWST Water Inventory Interlock

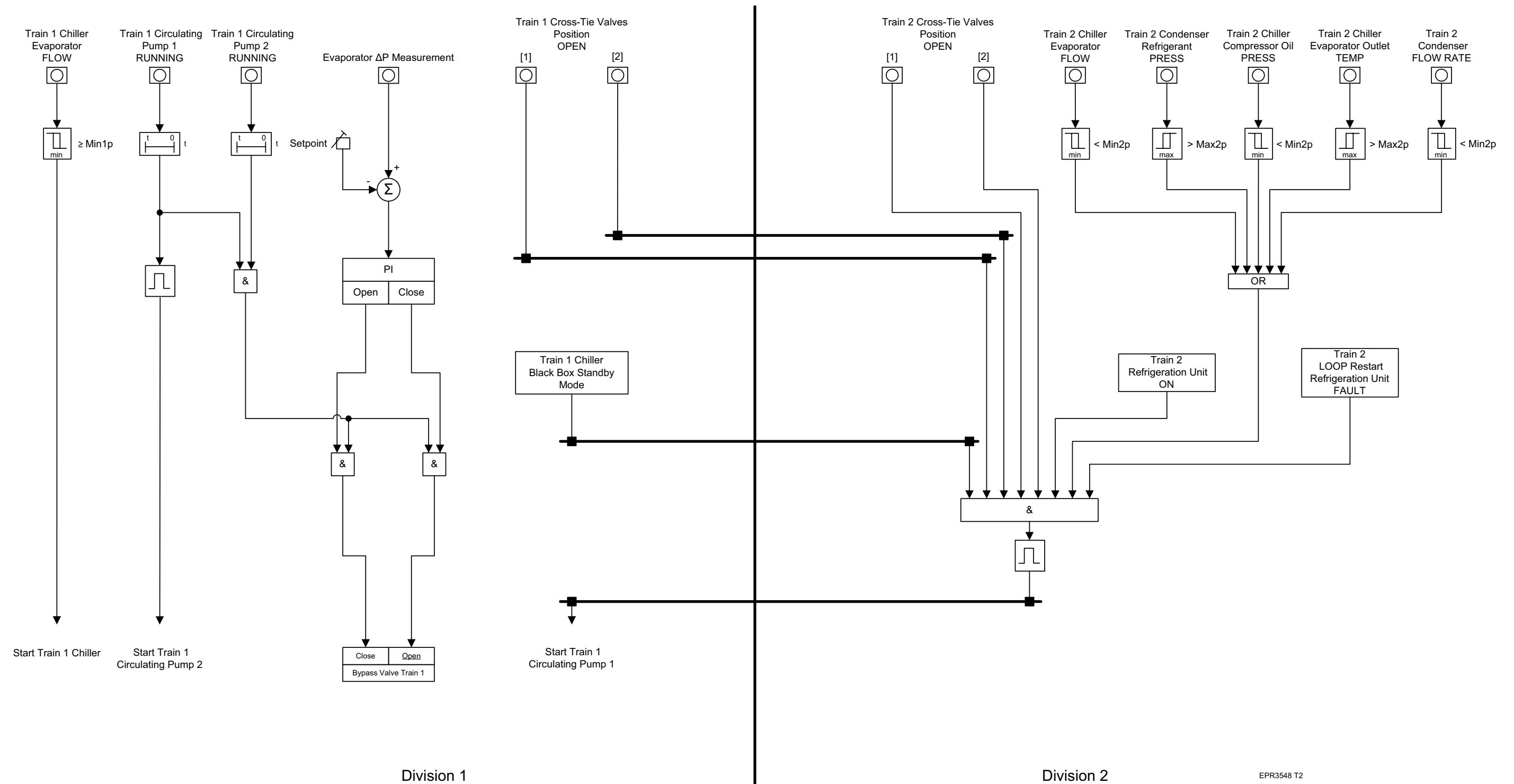


EPR3506 T2

**Figure 7.6-5—SCWS Train 1 to Train 2 Switchover on Train 1 Low Evaporator Flow / Chiller Blackbox Internal Fault / SCWS Chiller Evaporator Water Flow Control / LOOP Re-Start Failure Interlock**

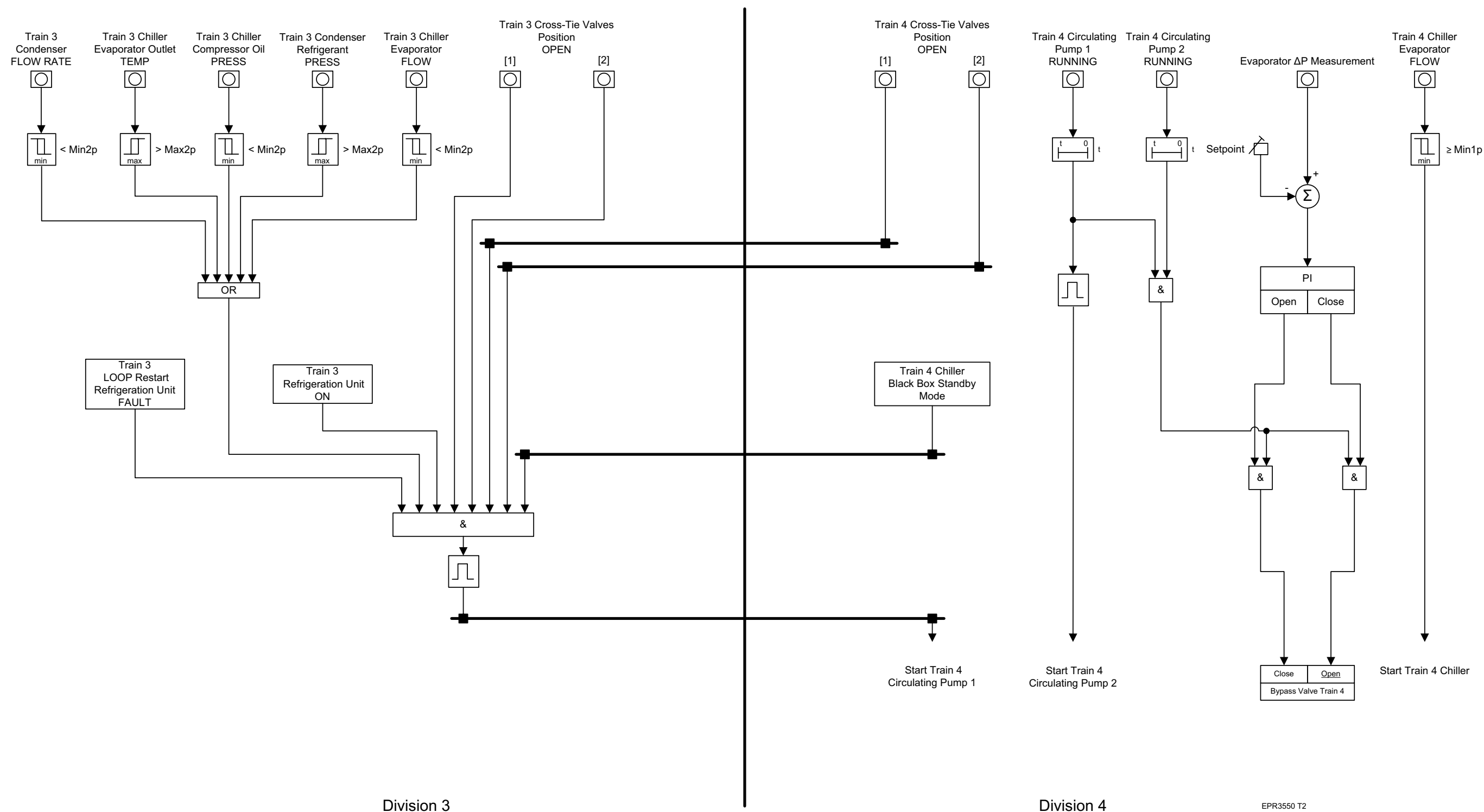


**Figure 7.6-6—SCWS Train 2 to Train 1 Switchover on Train 2 Low Evaporator Flow / Chiller Blackbox Internal Fault / Loss of UHS-CCWS / SCWS Chiller  
Evaporator Water Flow Control / LOOP Re-Start Failure Interlock**

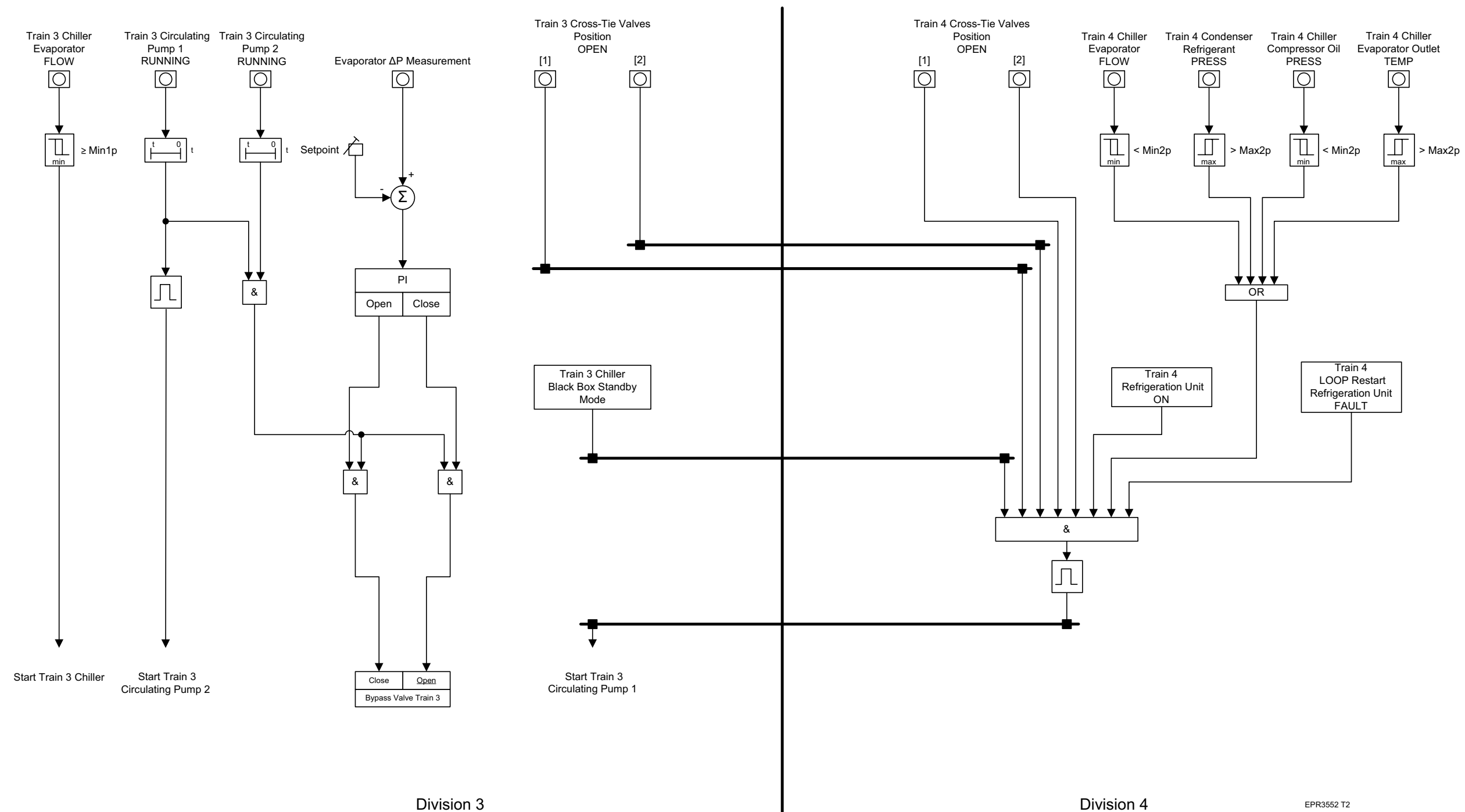


EPR3548 T2

**Figure 7.6-7—SCWS Train 3 to Train 4 Switchover on Train 3 Low Evaporator Flow / Chiller Blackbox Internal Fault / Loss of UHS-CCWS / SCWS Chiller  
Evaporator Water Flow Control / LOOP Re-Start Failure Interlock**



**Figure 7.6-8—SCWS Train 4 to Train 3 Switchover on Train 4 Low Evaporator Flow / Chiller Blackbox Internal Fault / SCWS Chiller Evaporator Water Flow Control / LOOP Re-Start Failure Interlock**



EPR3552 T2

Figure 7.6-9—SIS / RHRs Automatic Trip of LHSI Pump (in RHR Mode) on Low  $\Delta P_{sat}$  Interlock

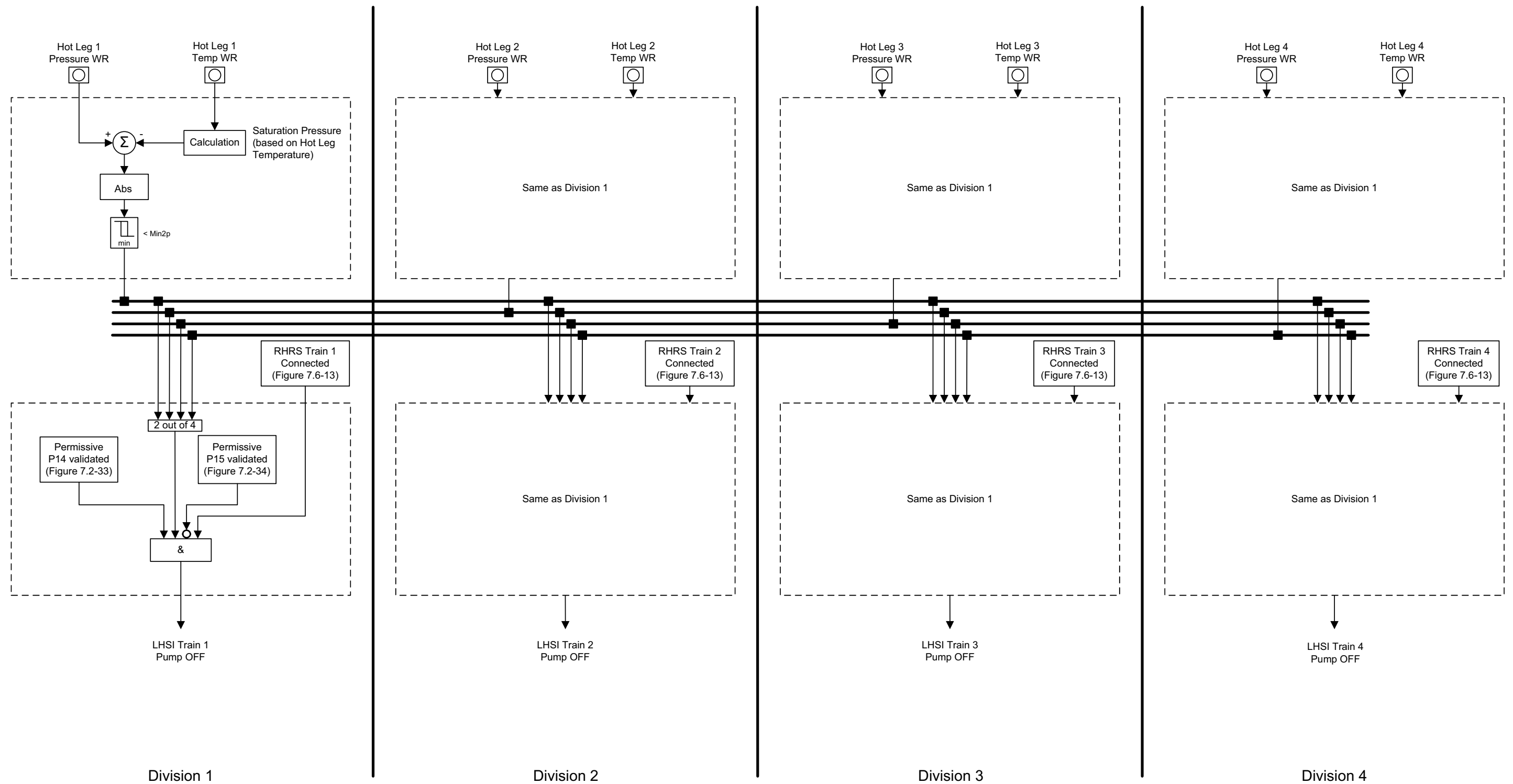
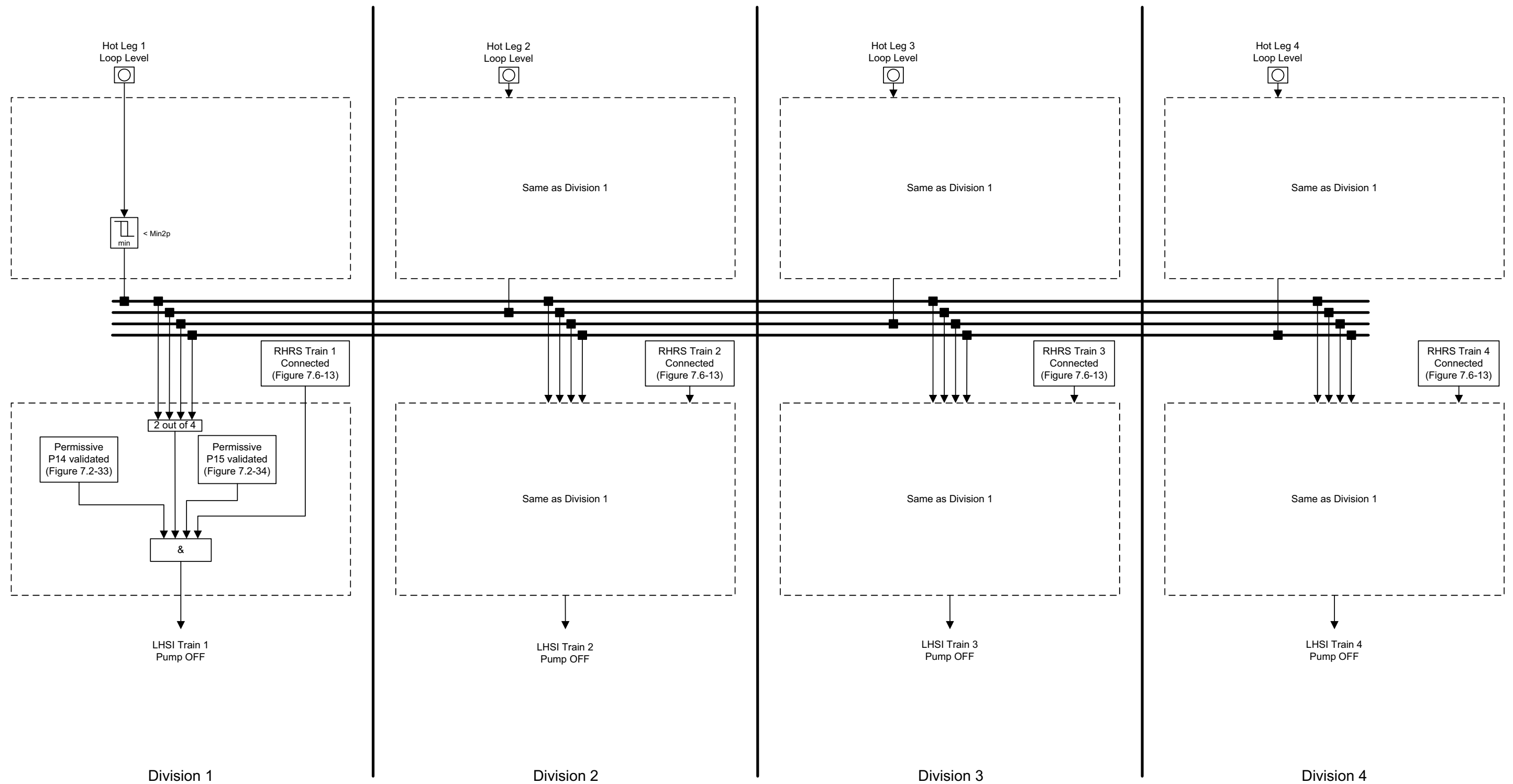
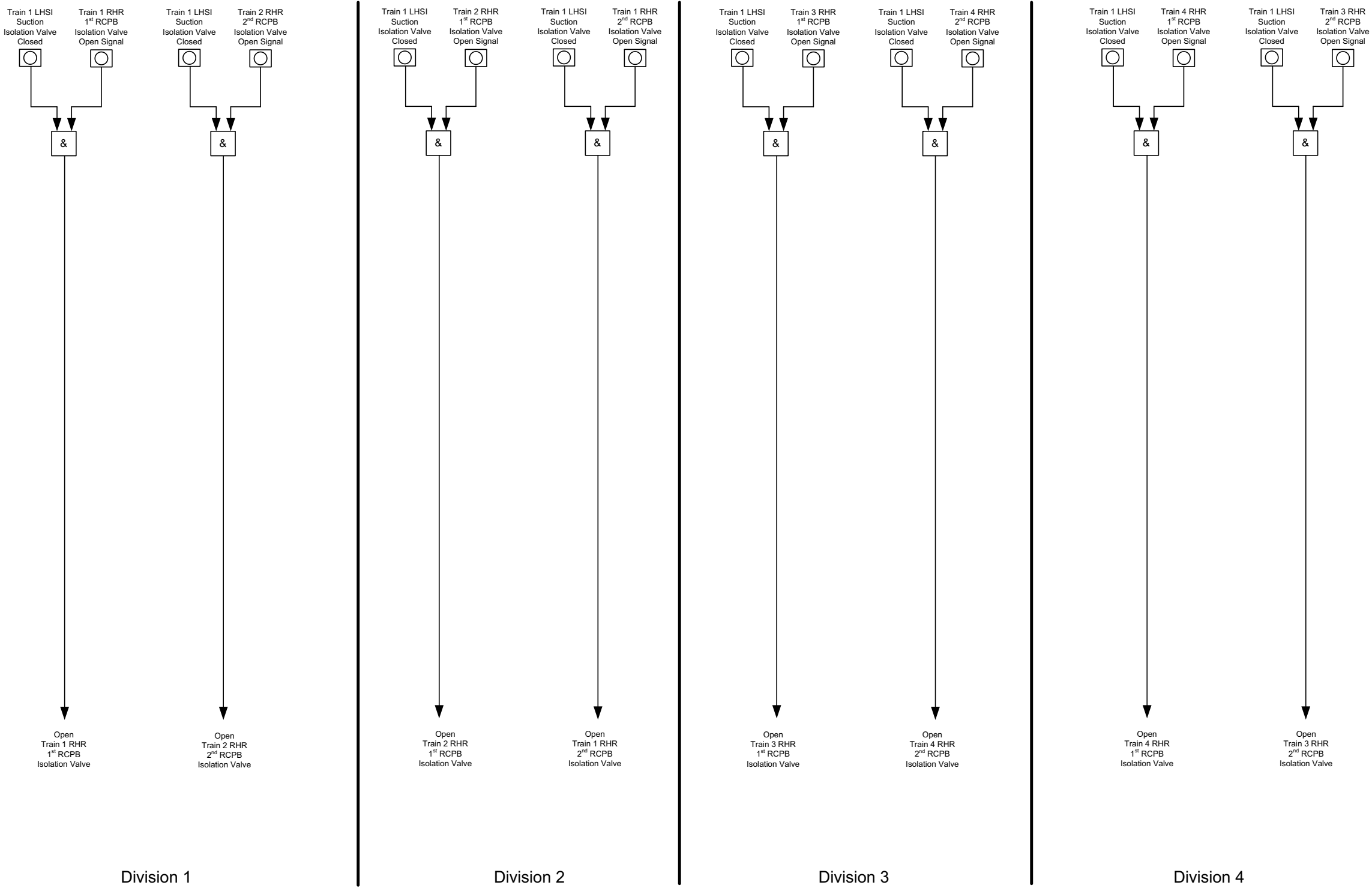


Figure 7.6-10—SIS / RHRS Automatic Trip of LHSI Pump (in RHR Mode) on Low-Low RCS Loop Level Interlock



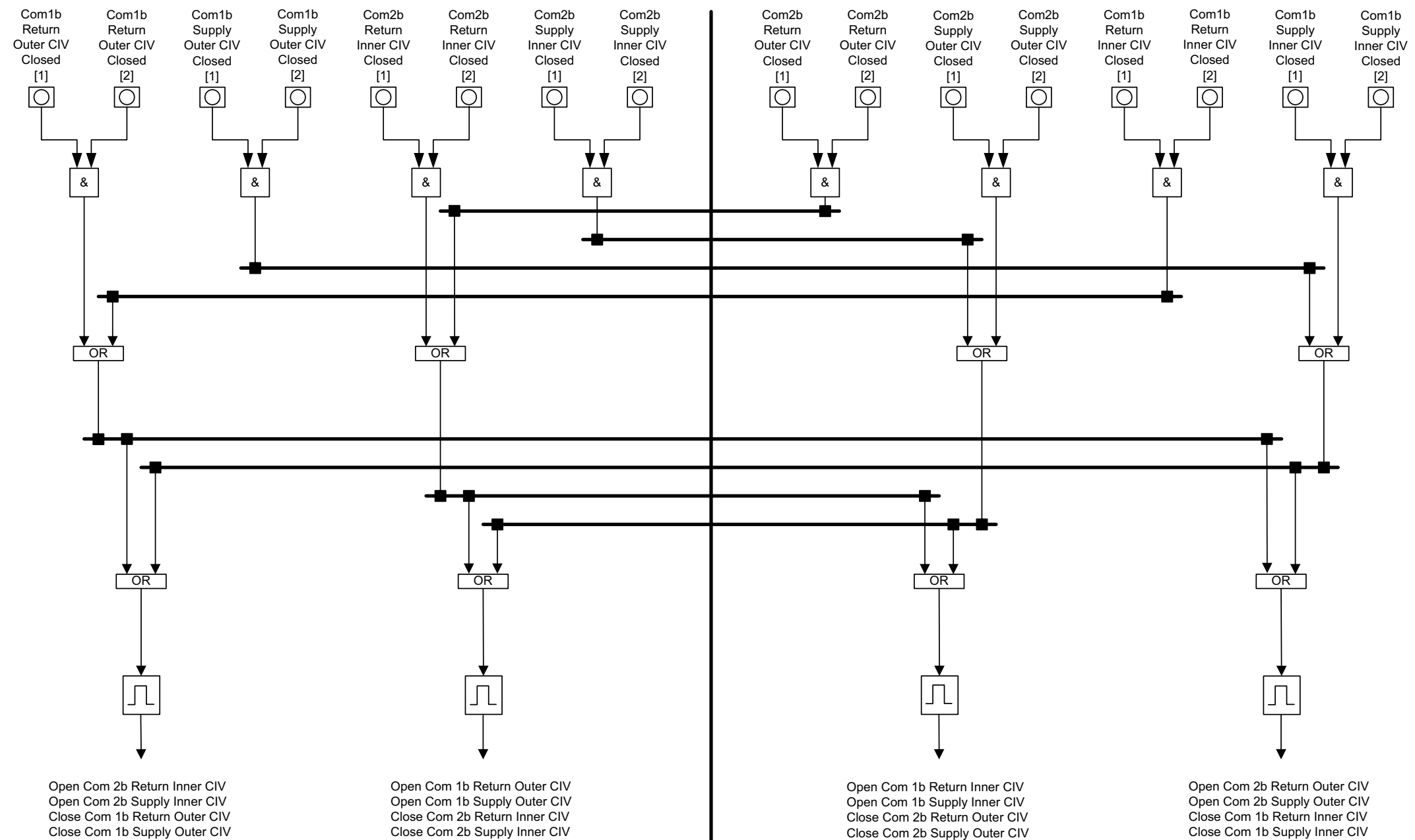
EPR3558 T2

Figure 7.6-11—RHR Isolation Valves Interlock



EPR3580 T2

Figure 7.6-12—CCWS RCP Thermal Barrier Containment Isolation Valves Opening Interlock



Division 1

Division 4

EPR3581 T2