

Scenario for event tree:

ASD Operator action 1 is for ONE OPERATOR to isolate the letdown line. He has two subtasks to do this. The first is to proceed to the MCC (in the Auxiliary Building) to open the circuit breaker to the outboard letdown MOV. The MCC is located on the travel path to the valve. Once the circuit breaker is open, the same operator proceeds to the letdown valve location and declutches the limit torque operator and hand cranks the valve fully closed. Although this entails two different actions, they are related, and there is no coordination since the same operator performs both activities in series.

ASD Operation action 2 is for another operator to proceed to the non-safety related switchgear room in the Turbine Building to verify tripped/trip the reactor coolant pumps locally. This task entails locating the 4160 VAC (or 6.9 KV or 13.8 KV depending upon the plant design) circuit breaker for each RCP, pulling the 125 VDC control fuses, and manually tripping the circuit breaker (if the breaker is closed). The operator will repeat this task for each RCP.

These actions are two totally independent tasks that do not require any coordination between them nor do they require any communication with command and control once the task has been assigned.