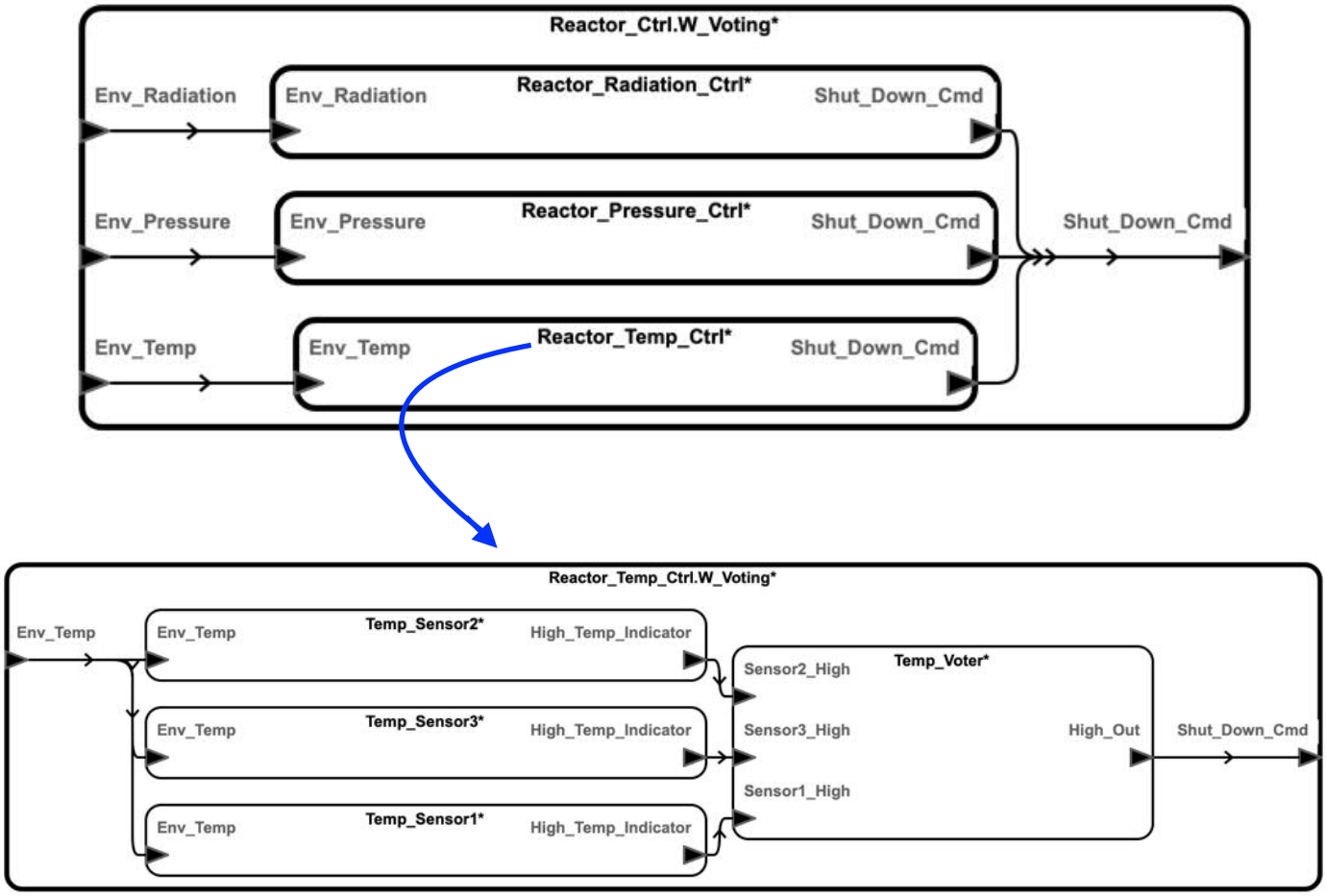
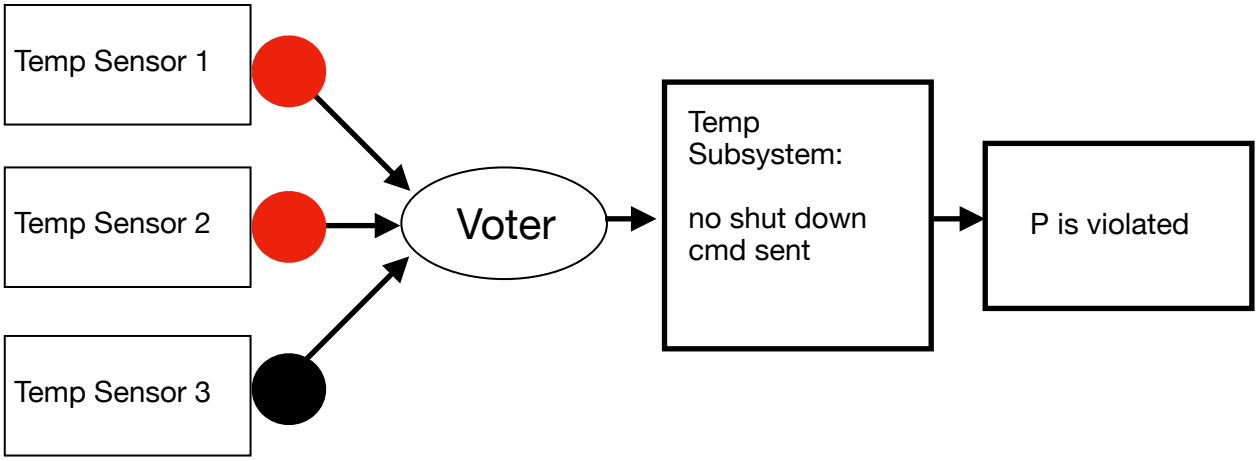
$temp > T_t$ and $f_{t1} \wedge f_{t2}$ are active


Reactor_Ctrl.W_Voting*
Env_Radiation
Env_Radiation
Reactor_Radiation_Ctrl*
Shut_Down_Cmd
Env_Pressure
Env_Pressure
Reactor_Pressure_Ctrl*
Shut_Down_Cmd
Shut_Down_Cmd
Env_Temp
Env_Temp
Reactor_Temp_Ctrl*
Shut_Down_Cmd
Reactor_Temp_Ctrl.W_Voting*
Env_Temp
Env_Temp
Temp_Sensor2*
High_Temp_Indicator
Env_Temp
Temp_Sensor3*
High_Temp_Indicator
Env_Temp
Temp_Sensor1*
High_Temp_Indicator
Sensor2_High
Temp_Voter*
Sensor3_High
High_Out
Shut_Down_Cmd
Sensor1_High

$$P = (temp > T_t) \vee (pressure > T_p) \vee (radiation > T_r) \iff S$$