Error Sequence Diagram

FloorSubsytem	Scheduler	ElevatorSubsystem

getRequestsFromInputFile()
:ErrorRequest

rpc_send(:errorRequest) →

send(:errorRequest) →

← byte[]: ACK

startTimer()
(fault timer begins)

wait for Arrival ack from Elevator

Alt HARD FAULT
(Timer Timeout)

no arrival ack: Shut Down Corresponding Elevator →

Elevator Out of Order

notify maintenance

TRANSIENT FAULT

← Door fault Detected message

Thread.sleep()
wait until doors are fixed

← arrivalSensor()
(send arrival info to Scheduler)

byte[]: ACK →

stopTimer()

elevator.stopMoving()
state = ARRIVED

notifyAll()