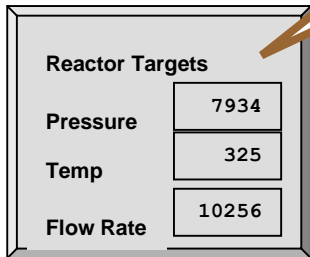


# NUCLEAR REACTOR MAIN CONTROL PANEL

LOTS OF OTHER CONTROLS

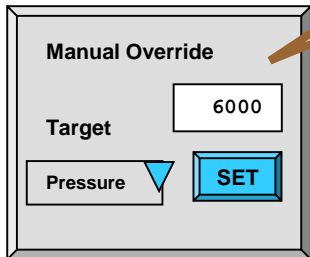
reactor targets information panel



Reactor Targets

Pressure	7934
Temp	325
Flow Rate	10256

manual override panel

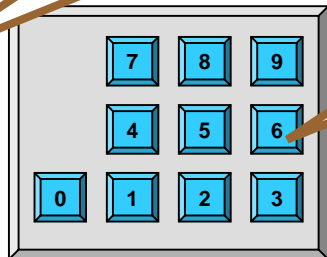


Manual Override

Target

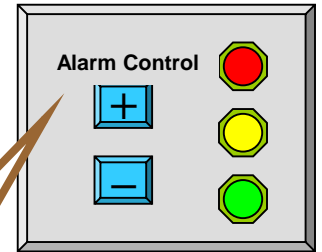
Pressure

keypad for manual override



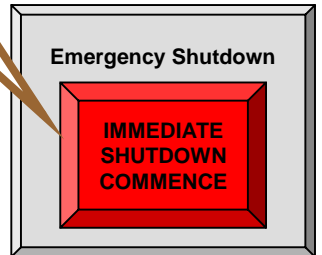
7	8	9	
4	5	6	
0	1	2	3

alarm control panel



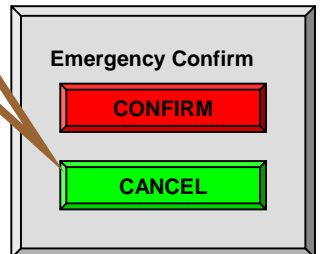
Alarm Control

emergency shutdown panel



Emergency Shutdown

emergency confirm panel



Emergency Confirm

# Emergency Scenario

Jenny, the Nuclear Power Plant operator has normal sight and no physical or perceptual impairments. Her shift started at 11pm and it is now 5am in the morning. So far the plant has been operating within normal parameters and the current alarm state is therefore green

1. Jenny notices the core reaction rate has risen very rapidly
2. she realises she must immediately change the reactor target pressure to correct this
3. she goes to the Alarm Control Panel on the far right of the main reactor control panel and presses '+' twice (as it is starting off in green state)
4. the Emergency Confirm button glows red
5. she moves across to the Manual Override panel on the far left of the main reactor control panel

... ..