HEPI Shutdown Procedure

1. SCOPE
The purpose of this document is to provide step-by-step instructions for a safe shutdown of the LLO HEPI system.

2. LLO HEPI SHUTDOWN PROCEDURE

1. If possible, shut off closed loop control signals gently in the control room from the respective control screens for each chamber (not a requirement in an emergency, but preferable).

2. In the end station pump rooms, shut off the PID controller power on the front of the small box with the LCD display (see image below for correct location).

3. In the corner station, only the right most PID controller actually controls the pumps (the other PID units in the corner have the word “Slave” on the lower corner of the LCD display. These may be shut off, but this will not affect any control function).

4. In all pump rooms, the A/C power should now be shut off by pressing the red button on the pump power units (see image below for correct location).

5. DC power supplies for the HEPI electronics can now be shut off by turning off the four DC power supplies at each location: Corner and both end stations. The supplies consist of +/- 24V and +/- 15V units. The +/- 24V units should be shut off first as a pair, followed by the +/- 15V units.

6. AC power can now be shut off to the DC power supplies and to the VME crate if needed. Use the power switches on the VME crate and the rocker switches on the Equiptek isolated AC power sources as needed.