**Operation with EMU-DCS in Green Barrack.**
**Usage of the "phase2" manuals:**

**1) case of the whole Green Barrack power cut**
   Preferred order of manuals usage:
     1.1) DCS_MTCC_PHASE2_CONTROL.doc
     1.2) DCS_MTCC_PHASE2_PVSS.doc

**2) case of the machine emudcs reboot**
   Please follow the document:
     DCS_MTCC_PHASE2_PVSS.doc

**3) case of the only LV Windows machine (pcmsad02) reboot**
  **(may happen especially due to Windows patches automatic installation)**
  **The case does not affect the LV status of Maratons and CRBs.**
 **You may detect this reboot by the fact the marathons are uncontrollable.**
 **You may also detect this reboot by the ERROR in the CSC_LV node and**
 **"DEVICE IS NOT CONNECTED" warning on the maraton panels.**

  please, follow the document
      DCS_MTCC_PHASE2_CONTROL.doc **(only section 1.5)**
  Note: you do not need to follow the 1.2-1.4 of the DCS_MTCC_PHASE2_CONTROL
      if the HV control machine is not rebooted.

**4) case of the only HV control machine (ufcmshv1) reboot**
  **It should not normally happen. It affects the HV status.**
  **You may detect this reboot by bad data (DAQ data)**
  **You may also detect this reboot by the ERROR in the CSC_HV node and**
  **"DEVICE IS NOT CONNECTED" warning on the primary supply panels.**

    Use any X-terminal to follow the 1.4 of the DCS_MTCC_PHASE2_CONTROL

=== Theoretically possible SPECIAL CASES DURING THE NORMAL OPERATION =========

**5) case: the HV is uncontrollable and the HV control machine is OK (not after reboot)**

    Check the hardware is OK: LV power supply of HV system status (otherwise call Peter 160537)
    Use any X-terminal to follow the 1.4 of the DCS_MTCC_PHASE2_CONTROL

**6) case: marathons are not controllable and the LV machine pcmsad02 is not after reboot**
  **(the case does not affect the LV status of Maratons)**

  Check the hardware is OK: AC-DC converters statuses (otherwise call Peter, 160537)
  Check the MARATON.exe is running on pcmsad02. If it is not so use the 1.5 (a)
  of the DCS_MTCC_PHASE2_CONTROL to start it.

**7) case: no communications to Peripheral Crates**

  Check the hardware is OK: LV power supply of PCMBs (otherwise call Peter, 160537)
  Check the CRB.exe is running on pcmsad02. If it is not so use the 1.5 (b)
  of the DCS_MTCC_PHASE2_CONTROL to start it.