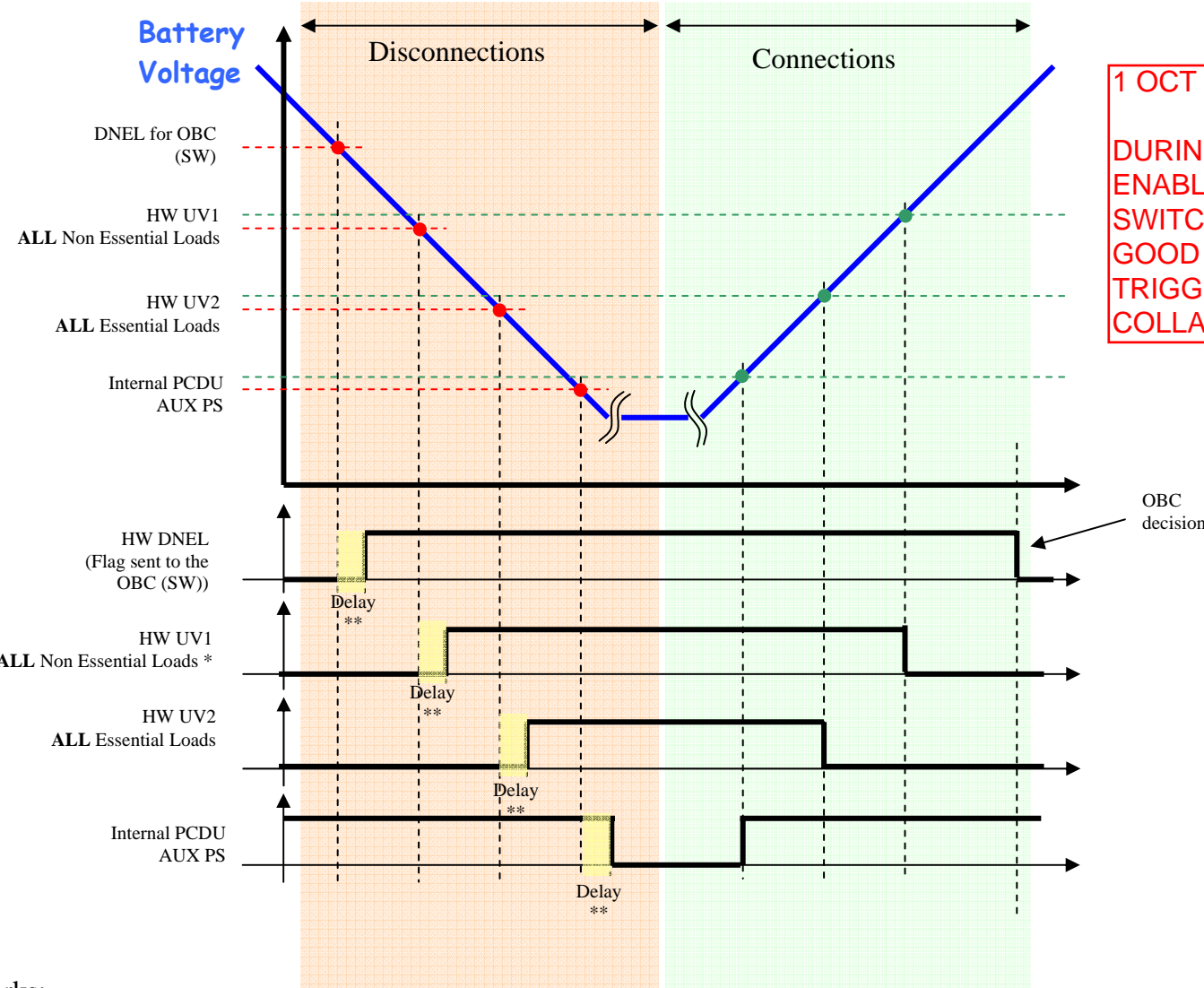


Under-voltage Protections

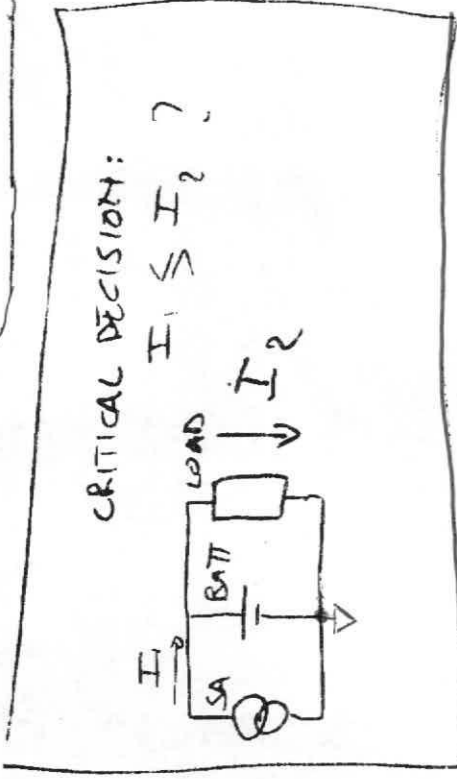
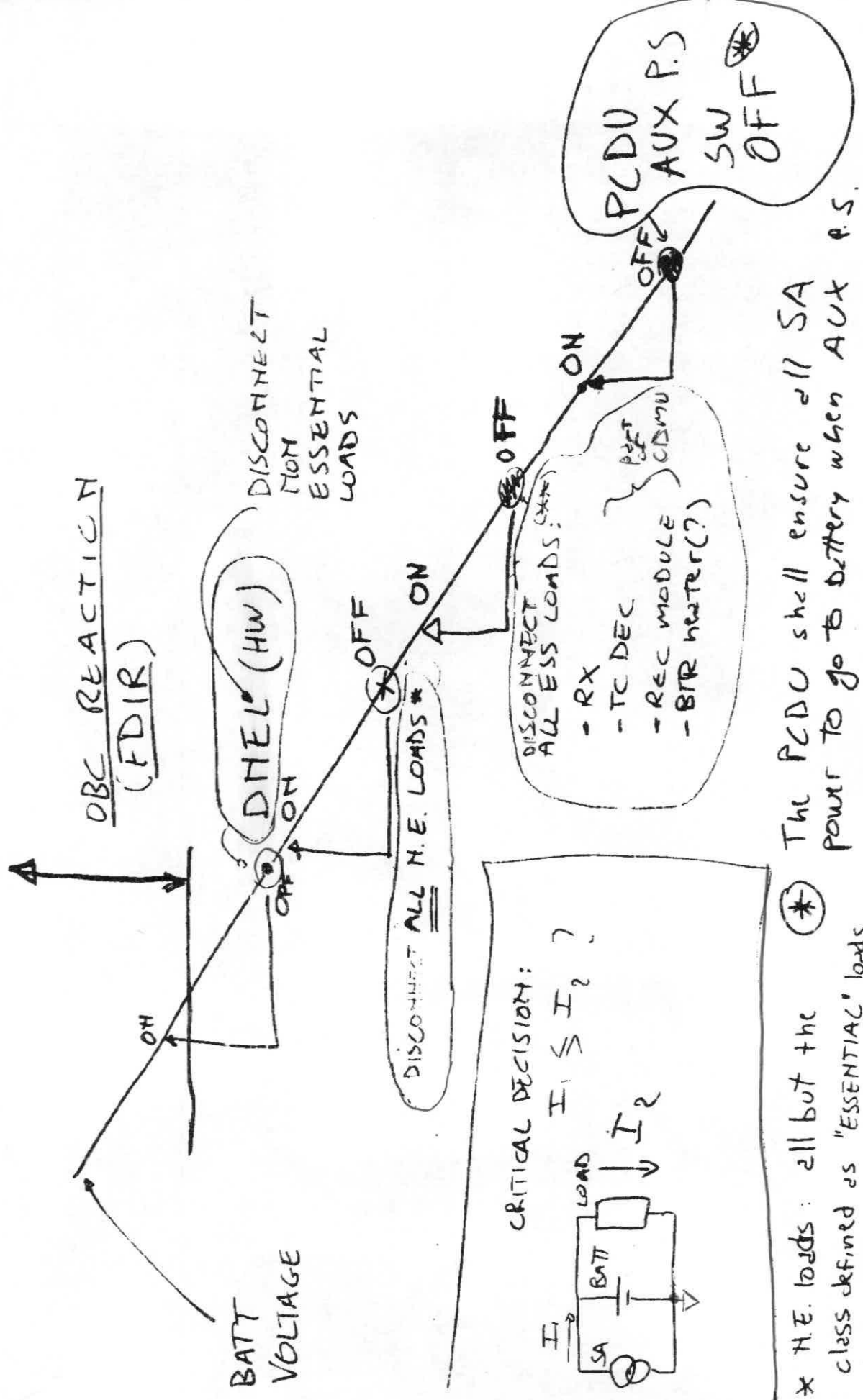


1 OCT 2010 (CD on behalf of FT):
DURING BUS RECOVERY RAMP-UP,
ENABLING SWITCHING ON - NOT
SWITCHING ON - MIGHT BE THE
GOOD PROCEDURE TO AVOID TO
TRIGGER AGAIN A BUS VOLTAGE
COLLAPSE

Remarks:

- * At UV1, the PCDU shall ensure that all the Solar Array Regulators are configured to be able to deliver all the power from the Solar Array to the power bus (e.g. reset of SAR protections, switch on of MFETs in the power lines).
- ** Time delay to be specified

Autonomy. 1



* N.E. loads: all but the class defined as "ESSENTIAL" loads (SEE **)

The PCDU shall ensure all SA power to go to battery when AUX P.S. IS OFF.