Shift instructions for FPS in case of a Power Glitch or Cut

Dear Shiftcrew! In case of a power glitch please

Call the FPS Expert on Call.

Before he calls back, please do the following:

- **Select** *reduced HV* with the switch located on a panel above the FPS PC in Room 307, rack B19.
- Check with `xctrspy` the status of the *Roman Pot postions*:
  - If the status is *IN*, please **press the red hardware retract** button above the FPS PC, Room 307, Rack B19.
  - If the status is *??*, please **reboot the FPS PC, Room 307, Rack B19 and check the status again**. If the status is again *??* please **wait for the FPS Expert on Call**.
  - If the status is *OUT* do nothing.

In case the power glitch **affected the racks 1, 2 and 3 in aisle 0 in room 101** please take a look at those racks and check the following:

- In case a **NIM crate is off** please **switch it on again**
- In case a **Caen is off** please **wait for the FPS Expert on Call**.
- In case the **VME crate, aisle O, rack 1 shows an error** please **reset** it. If it is **off** please **turn it on** again. After that **reload the FIC** on the FPS Mac, Room 307, Rack B19 by pressing the *Load* button. If you receive any error messages **take the FPS at the CDAQ out of the readout and wait for the FPS Expert on Call**.
- In case the **VME crate, aisle O, rack 3, bottom** shows an *AC failure* please **reset it**. In case this **crate is off** please **turn it on** again. If there are still error messages **wait for the FPS Expert on Call**.
- In case of **too high FPS trigger Rates** (ST106, ST107 and ST112) wait for the FPS Expert on call.

In case of **FPS DAQ Problems** please follow the FPS DAQ Instructions near the FPS DAQ, R307, B19.

If everything runs again and a new Lumi Run has been taken with FPS in, please control the FPS L4 histograms and call FPS-Expert if they look bad.

Oliver Karschnick, January, 11. 1998