The MINERνA Operations Report
All Experimenters Meeting

Howard Budd, University of Rochester

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MINERvA

- Running shifts weekdays for about 1½ hours
  - All boards operating
  - Run PEDs and light Injection to determine if there has been any change in the detector.
    - There appears to be no change in the detector or PMTs

Intermittent DAQ problems

- We are having intermittent problems with the DAQ running.
  - The DAQ stops running after ~ 4 hours
    - Software reset fixes the problem.
  - We can still run shifts with this problem
  - The error is from a CROC module (Chain ReadOut Controller),
    - Error is actually from 1 of the 4 channels in the CROC which reads out a FEB chain.
    - This kind of problem is usually a FEB problem
    - But several CROC modules have caused this problem so it may be a broader issue
  - We have measured the low voltages on the VME crates and they are OK.

480v Breaker Trip Described in MINOS Report

- MINERvA was not affected by the 480v breaker tripping off
- The breaker trip turned off house power, but quiet power appeared to be unaffected
- MINERvA is completely powered from quiet power
  - We ran the DAQ shortly after the breaker trip and it seemed to be fine
- The MINERvA Hot Spares Rack which is on house power did lose power.
  - The computer in the hot spares rack came up fine.

CROC-E Upgrade

- DAQ Upgrade needed for us to take data with MI Cycle Rate of 0.75 Hz
- New CROC-E boards have been assembled
- New DAQ program is being tested with help from the Fermilab online group. The testing will take place over the next couple of weeks.
- New MINERvA test stand is being assembled at D0 by Geoff Savage. This stand will have a large number of FEBs to test the CROC-Es
  - The space for the rack is cleared
  - The rack is being installed and electronics is being collected
  - Setting up the computers is next