



# NuMI-MINOS Status Report — Gregory Pawloski

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- FAR DETECTOR:
- Replaced a faulty power supply last Monday morning
  - Produced unstable 5V reference late Sunday night
  - Affected ADC measurements for one crate (out of 16)
- Power outage on Wednesday morning to install Lightning Arrestor
  - This was the last one, so no more power outages for L.A. installation
- 97.3% live time for cosmics
- NEAR DETECTOR:
- Minor electronics maintenance: FEB board swap and charge injection calibration
- Due to a calibration study, we discovered a optical cable with a loose PMT connection (slightly lower light level for a few strips)
  - Electronics more stable since FEB switch-out last summer
    - Replacing boards because of small rate affects (instead of blown fuse)
  - While beam is down we are going to test all optical connections



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- NuMI:
- Downtime because of horn leak
  - What was done last week
    - Target was placed back into chase
    - Smoke test verified leak at expected location
    - Uncoupled horn from module and removed stripline
    - New horn now in target hall
  - To Do
    - Couple new horn to shield module
    - Connect water, stripline and instrumentation lines
    - Survey complete horn 1 and module
    - Perform beam scans of horn position (early next week)
    - Move target back into LE position (nominal run position)
    - Resume normal running around the week of July 7th