NOvA Experiment Status All Experimenter's Meeting

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Operations – Summary



BEAM:

- Waiting for 700kW with 6+6 slip stacking and antineutrino run.
- □ <u>NearDet:</u>
 - No issues during last 2 weeks.
 - Preparing for the maintenance and planning of noise lowering to make the RHC data taking as much effective as possible.

<u> FarDet:</u>

- A water leak!
- Short timing issue (glitch in TDU).
- Thunder storm season ongoing, a power glitch occurred.
- □ <u>Collaboration:</u> week @ Argonne, asked for box opening for the Second analysis results, preparing for summer conferences.
 - Discussion about beam summer shutdown tasks.



Forgotten brass fitting (on APD water hose) caused the water leak May 27 at 8pm.
 7.5 h down time to isolate, search and unplugged damaged electronics parts,
 And of course recovery the detector.
 Down times for replicating (12 FEBs + 2 APDs) and take new DSO scans and HV settings.

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▶ 92.4%, 98.8% (4w 96.9%)

The main issue was the water leak Fri/Sat and its recovery.

Other down times for replacing damaged parts, we were 6h with one diblock excluded.
 And the thunder storm season caused one short power glitch on Sun.

Jaroslav Zalesak - AEM

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FD: POTs delivered/recorded





> 4week average 97.9%, last weeks we took 13.22 of 13.33 and 13.56 of 14.55 e18 POTs.
> Since second analysis cut-off we took 60+e18 POTs more.

> Big beam losses correspond to the water leak and power glitch at Ash River site.

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