Present: Nena, Liz, Bruce, Katy, Matt, Ashley, John, Steve

Nena

* **See EFOG Turnover notes (below) for further details on Ops, LBB, Shutdown work, general info, etc.**
* **Saliva COVID Testing:**  **See 3/29 turnover notes for dates and times.**
* **Argonne Vaccination Program: no updated information**
* **Increasing EFOG presence on site:** if you are not on shift for the week please attempt to be on site at least 2 days a week.
* **Training for new Hires:** Increasing On-Shift training for Matt and Katy. Ashley will touch base with the FCs scheduled with the times that Katy and Matt will have the phones.
* **Spotlight on EFOG Group**: All photos completed will gather info for quotes soon
* **Updated EFOG Shift Schedule to include April/May Shutdown and 2021-2 RUN**
  + [FC 2021-1 Schedule](https://www.aps.anl.gov/User-Environmental-Safety-Health/FC-Schedule)
  + [**FC 2021-2 Schedule**](https://www.aps.anl.gov/User-Environmental-Safety-Health/FC-Schedule-next)
  + [DOR Calendar](https://www.aps.anl.gov/User-Environmental-Safety-Health/DOR-Schedule)
* **ANL COVID CASES:** [**https://my.anl.gov/hew/covid-19-positive-cases-at-argonne**](https://my.anl.gov/hew/covid-19-positive-cases-at-argonne) Updated 03/31/2021, 236 cases to date
  + [COVID FAQs](https://my.anl.gov/article/covid19coronavirus-faq?utm_source=Argonne+Internal+List&utm_campaign=f9eefff4c2-snapshot+-+04-05-2021&utm_medium=email&utm_term=0_91cdd2aa04-f9eefff4c2-237439333)
* A new folder has been created in EFOG Shared in Box entitled [Floor Coordinator Responsibilities and Information.](https://anl.app.box.com/folder/131729137561)
  + [FC ON Shift Responsibilities](https://anl.app.box.com/file/770704936353?s=qtmlutaaipmcs1v5zuth4f99x8qgrng8)
  + [FC Shift Exchange Template for MCR](https://anl.app.box.com/file/770699580232)
  + [Floor Coordinator Responsibilities for Three-Year Sector Safety Reviews](https://anl.app.box.com/file/776611770090)
  + [Troubling Shooting FC1/FC2 Paging System](https://anl.app.box.com/file/792938639787)
* [Construction on West Gate to begin April 15- Aug 15](https://my.anl.gov/article/west-gate-construction-to-affect-hours-of-operation-and-lane-access?utm_source=Argonne+Internal+List&utm_campaign=f9eefff4c2-snapshot+-+04-05-2021&utm_medium=email&utm_term=0_91cdd2aa04-f9eefff4c2-237439333)
  + Will be closed to all traffic from 9am to 3pm during this time

**EFOG Presence onsite: 4/5/2021-4/11/2021**

Mon FC1: Wendy Monday FC1: Shane Tues-Fri FC2: Steve

M-F Evenings: 4/5-4/7 Ashley 4/8 Bruno 4/9 Wendy

Weekend: Saturday: Steve; Sunday: Wendy

Weekend OC: Shane

FC Vacation/DORs: Clay 4/5/21 - 4/7/21 Vac; Shane 4/5 Vac; Ashley 4/8 DOR ; Bruno 4/5-4/6 Vac.

**Things to look out for this week:**

* **Work at 25-ID ongoing** Evening shift should touch base around 4pm with Caratelli
* **Please check on Clay’s area while he is on vacation**. Please do the eyewashes for his area
* John Mazzio will now do ESAF beamline cabinet sweeps Monday and Friday Evening. . and will deactivate Beamtime reporting emails Monday, Wednesday and Friday. **On shift FCs will no longer have to do ESAF beamline cabinet sweeps or deactivate ESAFs from beamtime reporting email.** Liz will be responsible for all lab ESAFs and Sectors 70 and above.
* **5-ID-A** has a portable O2 monitor on the hutch door: check for O2 levels and battery,

long vendor delays are requiring us to continue this periodic portable O2 monitor check.

* **Eyewashes/LSI. Eyewashes** are due weekly and LSI are due at the end of the month.

**Events from last week**

* Shielding Verification of 28ID-ongoing (See 28ID status below)
* 9ID: FM2 water leak. Mask was removed and blanked off. See shift log for more detail. 9ID still unable to run.

[Downtime Report #778.](https://beam.aps.anl.gov/pls/apsweb/bdr_display.event?i_pid=318687000336939&i_app_id=2&i_token=&i_bdr_id=5961)

* 8ID: PSS Chain B blown fuse: Saturday 4/3. Event triggered a number of Chain B PSS alerts, dumped stored beam and sent tunnels to CA. Downtime Report #779
  + SI group replaced fuse and BL was operational ~3hrs after trip.
  + In searching hutches after trip the upstream door on 8ID-E wouldn’t lock. Additional detail in Ongoing work.

**Ongoing work on experimental floor – RSS**

* 14ID: 14-ID Shutter/Mono Stop 1 Fail to close faults: MOM-VAC bumped up air pressure on 03/22, but warnings have continues this week. Investigation should take place on 04/05, per Tim Clute.
  + Increased pressure to the safety stop
  + Old air cylinder will be replaced with standard solenoid during the next shutdown
* 9ID: Reinstallation of FM2 in 9ID FE, scheduled 4/5
  + FM2 installed on 4/5 in the AM
  + As of 4/5 afternoon SI is now working on this
  + After SI is done, MOM water will begin their work
  + No bake out if the vacuum is ok

**Ongoing work on experimental floor/LOMS – Other**

* 435E sidewalk expansion (4/6-4/9)-Sidewalk will be expanded 3 feet. A walkway will remain open except during the pour (1-2hrs). Fedex pickups should not be affected.
* 4/5: AES-MOM/VAC (T. Clute) to investigate 8ID-E upstream pneumatic door, does not close properly on its own.

**Completed Repairs and Work**

* 28ID: Modifications to 28ID P4-20 shutter (SI switch reverse on SS, VAC pneumatics reverse on SS, installation of Kirk keys, inspection of SS).
* New AR posted at 28ID only allowing white beam mode operation
* 25ID: Investigate/Repair FEEPS wiring for PS2
* 9ID: Investigate both switch fault
* 9ID: Remove FM2 due to water leak
* 8ID (4/3): AES-SI replaced fuse to station E (com) after chain B faults dumped the ring on Saturday. [Downtime Report #779.](https://beam.aps.anl.gov/pls/apsweb/bdr_display.event?i_pid=318687000336939&i_app_id=2&i_token=&i_bdr_id=5962)

**Upcoming Work on experimental floor/LOMS**

* LOM 438 parking lot will be repaved and reconfigured. The parking lot will be closed starting April 19 and should be completed in a few weeks. Parking should occur in the 402 lot near the Gallery
* Sector 4 , 6 & others: -Helium Recovery System-See notes from 3/29
* Sector 5 **–**Gas cabinet installation-See notes from 3/8
* 3ID mini-hutch door sag-current solution is to add a wheel to support door

**28-ID IDEA Status**

* Shielding Verification resumed 4/1 (transport complete). Partially complete with SV of B hutch on 4/2. SV activities will resume 4/6.

**25-ID ASL Status**

* Caratelli. Enclosure construction on-going. Expect completion by May
* Contract for utility installation is out
* Optic installation schedule is next with FMB Oxford (UK) and Axilon (Germany)
* FC will aid in oversight for overtime work 7am to 4:30pm. Saturday work will be light work. No lifts. Evening shift should touch base around 4pm.
* Caratelli management is restricting Pierrick and Pascal to ~45hrs/wk. For now they intend to work regular days and ~5hrs on Saturday. This could change depending on where they are at with the project.

**LBB Updates**

* **Activities This Week:** Frost wall and footing work, underground plumbing, electrical conduit installation in 436 B095
* **Items to Keep an Eye on:**  none
* **Looking Ahead:** Late next week, stone backfill work planned (vibratory plate compactor). S. Hunsberger will work with Clay to do a vibration test beforehand. No other updates-See notes from 3/1
* **Scheduling:** Typically contractors work from 7:00 a.m. - 3:30 p.m. LBB updates can be found at <https://www.aps.anl.gov/Machine-Status/Construction-Schedule/long-beamline-building-construction-schedule>

**437 lab build out**

* Still working on resolving funding issues
* Most likely plan with be to rough out walls and use the space to stage APS-U beamlines up to dark time.

**APS Power Outage**

**Dates for shutdown**

* **Power off April 29 to May 8 sectors 1-11 , LOMs 431, 432, 433**
* **Power off April 29 to May 8 sectors 24-35, LOMs 437, 438**
* **Power off May 3 to 4 in sectors 12-23, LOMs 434, 435, 436**
* Greg Markovich will bring e-power to end of beamlines or use e-power from storage ring – beamlines are not to roll fridges/freezers from the labs out onto the floor, cords should be run overhead and not across the pedestrian walk way; encourage beamlines to clean out as much material from fridges and freezers as possible. GM: running two outlets to each beamline 20Amps each to those that don’t have by emergency power. Work will start this week with lifts overhead. April 23 will occur some emergency power shutdown for tie in to existing emergency power GD: Cryo 13, 14, 15, 16 and 24 cryo emergency power. Work in progress
* Effects of Power Outage to be aware of
  + All fume hoods down
  + Shipping – plan currently being discussed; shipping may suspend deliveries and pickups from APS for duration of power outage
  + ODH monitors down
  + Gas bottles – must shut off and possibly capped (P. Rossi working on this)
  + Ultra Cold Storage – Talked with Ron Moore; APCF have offered up their equipment in L001
  + Break Room Fridges – no power; empty all food before power outage begins
  + No seamless transition from regular to e-power (second(s) delay)
  + Power down personal computers and other electronics in office before power outage
  + Discourage people from coming onsite – no network, little lighting, etc.
  + Bathroom faucets may not work
  + Marty Smith looking into power for IOCs and PLCs for LNDS system (e-power to actuate valves?)
  + Network out – APCF and CNM will have network
  + Are outside contractors allowed onsite - P. Rossi will need to provide guidance on this
  + Cell phone service may be interrupted
  + Need to determine how beamlines will be able to communicate with FCs
  + LOM doors and Prox card readers at entry WILL NOT be affected, they are on emergency power.
* Transfer of power from standard/technical sources and emergency power will not be seamless. Users should expect a minimum of 1 second delay as the transfer switch actuates. Systems that require oversight or manual reboot as a result should have personnel available on site.
* Most recently schedule draft found on the Shutdown Planning page <https://inside.aps.anl.gov/Machine-Status/Shutdown-Work-Planning>

**April/May Shutdown Planning (from 3/31/21 meeting)**

* G. Pile stressed to get work in EARLY
  + Lots of work planned
  + MOM group, Rigging, and Survey and Alignment are in particularly high demand
  + Lots of coordination needed around other projects/spaces
* **Extensive Power Disruptions Planned**-See APS Power Outage section in notes
* Wall collimator removals at 15BM, 18BM, 21BM
  + Outside contractor performing removal
  + FE tables (if applicable) will need to come out beforehand.
    - Coordination between Operations and APS-U to determine who will physically do this. May be used as a training opportunity for new APS-U techs
* FEEPS upgrades
  + Aiming to complete six FEs in order to remain on schedule -- ID lines at sectors 10, 11, 12, 13, 14, and 15
* FE alignment crew will be re-fiducializing PS1 in BM front ends.
  + S&A will need to move/actuate shutter
  + CCWPS needed
* ID group will be swapping IDs at 14, 18, and 27
* Another Mod D shutdown is needed (Sectors 28-35), planned for no earlier than May 20th. The schedule is again dependent upon parts arrival.
  + Work could not be completed during 3/8 shutdown
  + Planning a longer (~48 hr) shutdown to install valve
* More info on the Shutdown Planning page <https://inside.aps.anl.gov/Machine-Status/Shutdown-Work-Planning>

**General Information to Pass Along**

* APS-U is hosting an APS-U/APS interface Gap Workshop April 19-21. Workshops include
  + Accelerator Control System and Network Integration
  + Utilities
  + Coordination of APS-U and Ops Accelerator Projects before darktime
  + Coordination of APS-U and Ops Beamline Projects before darktime
  + Darktime activities
  + Transition Plans

See 3/29 email from Bob Hettel for more information

* ‘Cultivating an Anti-racist Mindset: Developing Inclusive Practices for an Empathetic Leadership Approach’ Wednesday, April 14, 2021, from 3 to 5 p.m. Must [register](https://docs.google.com/forms/d/e/1FAIpQLSdY0kfRLn5528bJFpC12tWLgMqieoLaJEmWmZIeQPCx0U49gw/viewform) by April 10
* America Resilient: Projecting and Preparing for the Effects of Climate Change. April 14, 2021 8:00 AM – 2:00 PM. Must register for this free event [here](https://web.cvent.com/event/88a960d2-03b9-4a2b-8c44-5667e0b36c89/regPage:b746d508-d992-4758-92c7-b59b984885aa)

**OPS/XSD GL/PSC Management/AES Leader Meeting**: 4/5/2021

* No safety issues to report.
* Randy: 2 beam dumps, 8-ID and Sector 11 power supply swap
* Users: Capel: Cryo pump on Emergency Power: Marty Smith will determine if the sector IOC is on Emergency power and POC of the drop valves will be on emergency power. Keefe. Connect with the MX beamlines on refrigerator space to consolidate. Fang: remind users not to ship things in during this power shutdown timeframe
* AES: 9-ID Type C survey. Try to do without bake out. By Thursday beam should be back into beamline. If need to do a bake out then will do it next Monday. Type C survey needed
* Power Shutdown: Sector 24 cyro emergency power work to start this week
* APSU: material acceptance ramping up in 981
* APSU: Denny Mills/User Office: email to outside users for things that would be effected by power outage. Ie. Shipping and network. Will send out 1 week before power outage. JC will send out also to internal APS more info on power outage.

**Experiments of Note**

* Limited Operations+ with approved ANL onsite users and some external users with PSC ALD and DOE ASO approval
  + No plans for change in operation status until after 2021-1 run
* Current Run: 2021-1 Run
* All risk level work, except Rad, Explosives and BSL2 unless it is mission critical. Most experiments are mail-in or remote.

ESAFs with onsite users from ANL divisions outside of PSC have been approved by DOE ASO. ESAFs with external (outside of ANL) onsite users have received both PSC ALD and DOE ASO approval.

**Experiments Running 04/05/2021 - 04/12/2021**

**Special Experiments:**

* No high risk experiments
* Regulated Soil Experiment: ESAF 236401 at 20-ID-B. Start 4/6/2021. End 4/8/2021. Debora Motta Meira running users samples.

**Long Duration Lab ESAFs:**

* ESAF 235744 at 5-ID-C. Anusheela Das and Yanna Chen from Northwestern onsite at APS. Start 1/13/2021. End 4/22/2021. Experiment is long duration to address issues with the photoelectron detector. Northwestern users will be onsite at APS on machine studies days only.
* ESAF 236556 at Sector 33. Hui Cao and Xi Yun from MSD onsite at APS. Start 1/21/2021. End 4/21/2021. Experiment is long duration for MBE maintenance.
* ESAF 236936 at HP-CAT lab. Nilesh Salke and Ravhi Kumar from UIC onsite at APS. Start 2/1/2021. End 4/30/2021. UIC users will be onsite at APS on machine studies days only.
* ESAF 237240 at Sector 7. Chris Otolski and Gilles Doumy onsite from CSE at APS. Start 2/22/2021. End 4/22/2021.

**Long Term Work Status - APS Upgrade and other APS projects: See EFOG Turnover notes from previous week for more information.**

**Round Table Discussion**

Katy

* Last week helped with SV at 28
* This week becoming more familiar with the phone; Tuesday FC2 and Thursday FC1
* Completed Clay’s eyewashes last week and will do them this week as well

John

* Will attend Shutdown Planning Meeting on Wednesday 4/7
* Beamline end cabinet cleanouts going well

Ashley

* Please see 28 SV information and LBB information

Matt

* Last week helped with SV at 28
* This week: more familiarity with the phone as FC1 and FC2

Steve

* Please see 28 SV information

Liz

* NE-CAT TYSSR Wednesday, April 7th at 1pm
* If the start and end dates on an ESAFs are different than the posting date, please check with the beamline to determine when the experiment will end and write the updated satart and end dates on the ESAF

Bruce

* Able to login to the laptop; still working on VPN
* Looking at ESAFs