**EFOG meeting 01/11/2021**

Present: Nena, Bruno, Bruce, Liz, Clay, Matt, Katy, Wendy, John, Ashley, Shane, Steve

Nena

* See EFOG Turnover notes (below) for further details on Ops, LBB, Shutdown work, general info, etc.
* Please complete your QEW walkthroughs and CCCLs by January 20th at the latest. **However, please do them as early as possible, preferably this week or next.**
* Please contact Clay or Bruno ASAP if you need to shadow them on a QEW walkthrough. It would be good to do a walkthrough with each of them.
* Proximity badges will be ordered for EFOG group and arrive soon. Download is twice a day and can be done by iPad/stand to be located in 431Z or download app onto phone. Will update when more info is provided.

 Bruce

* Added two columns to the rad sample containment file
* Email received from Yu today regarding ESAF priority list – hopefully this means that Yu will start working on our requests soon.

Bruno

* Plan to come onsite this week to complete CCCLs and QEW walk throughs
* Bruno is now the point person for the practical portion (ESH436PR) for chain fall hoist training at the APS
* National Elevator is onsite this week

John

* Inspected his bike on Friday; needs a brand new tire
* Bruno and Ashley will touch base on bike repairs
* CCCLs are done; QEW at 13 is done (does need to touch base with Clay on one item)
* ARs are renewed and updated

Liz

* LLNL has put in a proposal to mail in HE material for Curtis to run at Sector 16. PSC ALD has approved this experimental activity. Waiting for users to submit ESAF. Once ESAF is submitted, DOE ASO will be notified.
* ESAF 236147 is for Sam Marks from UW Madison at 12-ID-D. DEEI is requested. Clay has agreed to do the DEEI. Liz will email Clay, Elroy, and Bryan and the user to obtain an experimental plan to determine if an SME is needed.
* There are 2 more rad experiments in the pipeline: Mail in experiment at 13-ID-D in late February. Bruce Baer at LLNL ESAF for work at 16-BMD in early March. Requesting LLNL personnel onsite at APS. Waiting for HP-CAT to contact John Connolly to begin review process.
* Scanning EAs and Checklists from 2020-3 into ICMS this week.
* Will contact those beamlines that have not yet submitted commissioning ESAFs. This is the second reminder.
* If beamlines call to post commissioning ESAFs before 1/26 that is fine. When posting the ESAF use the start time on the ESAF and not the start time at posting.
* Shadowing Clay on Thursday on a QEW walk through.

Clay

* Please refer to the shutdown notes

Ashley

* Will work with Bruno on bike repair; bought a bike pump
* Please look at and complete any of the information on the shutdown spreadsheets in Box that pertain to you/your area
* Inquired about the entry in shift log regarding the LN2 station in the 433/434 truck lock
	+ Per Bruno Mike Pape said that this very loud; Bruno put in a request to Andy Stevens; Bruno will touch base with the MOM group

Steve

* Will draft up a document similar to the Hazard Assessment Checklist to be used when compiling information for JSAs and WPCs

Wendy

* Will take a closer look at the work done at 6-ID-D; Doug was in that area earlier today
* Only remaining item is the FEEPS related item
* Ring closes on Wednesday the 13th
* Check your email for the sensitive item verification emails and transfer any applicable items or excess items if needed

Shane

* Matt and Katy’s PCs are setup; will verify Katy’s webcam by the end of today
* Will be onsite on Tuesday and Wednesday this week.
* Apollo to do detector install this Wednesday at Sector 22
* Will verify IH certs on HEPA filters on vacuums at 25 and 28
* Evan Maxey unplugged an ion pump on the FE table at 2-ID-A. Shane reached out to John to follow up.

**Facilities/Experiment Status-**

* Limited Operation + with ANL onsite Users: no plans for change in operations until at least March 2021
* Currently in Dec/Jan shutdown
* NON-APS Argonne Users are allowed onsite with DOE-ASO approval
* All risk level work, except Rad, Explosives and BSL2 unless it is mission critical. Mainly Mail-In/Remote

**EFOG Presence onsite: 1/11/21-1/10/21**

M to F: FC1: Steve; FC2: Wendy

FC On Call-Steve

**FC New Hires:** Matthew Spilker and Katy Green have accepted the positions. Their start date will be 1/11/2021

Katy Green will be in 431 FC

katy.green@anl.gov. Badge number is 312827

Matthew Spilker will be in 436 FC

 mspilker@anl.gov Badge number is 312824.

* Keys, phones, and computers, and web cams hopefully will be ordered soon. Please check status of bikes, chairs and office supplies.
* Katy and Matt have been added to Teams, UES email list.
* Access to FC Shift log, ESAF, Experiments Database, Beamline Component Database, Machine Database, Work Order Request, Downtime has been requested.

**Schedules/Off Shift and DORS**

Schedule for 2021-1 has been updated.

When taking time off please use DORS first before vacation unless you are maxed in vacation.

[FC 2021-Schedule](https://www.aps.anl.gov/User-Environmental-Safety-Health/FC-Schedule)

[Off-Shift Schedule](https://www.aps.anl.gov/User-Environmental-Safety-Health/Off-Shift-Schedule)

[DOR Calendar](https://www.aps.anl.gov/User-Environmental-Safety-Health/DOR-Schedule)

**Things to look out for this week**

* A film crew will be at the APS on January 12th to update their footage of the tunnels
* FAC techs will be working on the heat exchanger inside 11ID-D on Monday Jan 11. Beamline staff will keep the laser in a safe mode until repairs are complete. If an FAC tech contacts you regarding access it’s safe to provide it.
* Fire Strobe Testing to occur Tuesday 1/12 at 6:30am. John Mazzio will aid the fire dept/building with testing
* PM on S35 humidifiers for laser room & valving off airline fed through DS wall of 35ID control area to take place on 1/12.
* 5-IDA has portable O2 monitor on hutch door: check for O2 levels and battery
* Fire Protections needs access to Sector 33’s dark room for testing. The key is now pinned just outside the door. Please return key afterward per email sent to UES on 12/23. Will occur sometime early Jan.
* Eyewashes/LSI. Due at the end of the month. Spreadsheet added to BOX. Please update when you complete eye wash or LSI <https://anl.box.com/s/pfm7kyyzmbyq8oiymt1h8i2ckacvy4kw>

**Ongoing work on experimental floor-RSS**

* [**See shutdown CCWP sheet in Box**](https://anl.app.box.com/file/743509105822?s=vj4i6i3kpztihald05hh75pr2shkap9e)

**Ongoing work on experimental floor-Other**

* 28 ID and 25 ID work has started, Stevenson installing shielded transport, additional Caratelli containers arrived and stored.
* Caratelli personnel will be on site around Jan 18 after COVID testing and quarantine. Patti is requesting FCs for safety oversight after 3:00pm to 5pm each day so that Caratelli can extend their hours.

**Completed Repairs and Work:**

* [**See shutdown CCWP sheet in BOX**](https://anl.app.box.com/file/743509105822?s=vj4i6i3kpztihald05hh75pr2shkap9e)

**LBB Construction Update:**

* Long Beamline Building (LBB) - Ramanathan - They had told contractors (Power Construction) that Mondays were better for vibration-related activities. 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>
	+ LBB work is ramping up to take advantage of the Dec/Jan shutdown. Extensive exterior work is occurring, including installation of foundation supports and utility work.
	+ 436B LOM is in the process of being demoed. 436 B is being gutted today.
	+ (LBB Work) Trenching outside of E pentagon in January timeframe
* Vibration issues. Working group has been formed, S. Vogt, G. Srajer, Mohan, C. White, M. Capel, and J. Chrzas Weekly meeting with the 4 beamlines, some FCs are invited hosted by Mohan to keep them up to date on vibration and construction issues. (Friday 2pm)
	+ New tools have been developed to communicate with beamlines, including a live vibration monitoring page (<https://ops.aps.anl.gov/VMS/VMS.html>) and email list (lbb\_construction\_info@aps.anl.gov).

**Dec/ Jan Shutdown Work Planning**

**Key links in BOX for information concerning Shutdown**

* [**2020 DEC\_Jan Shutdown**](https://anl.app.box.com/folder/126047220760?s=dejr3ekb9bji34cxfnim53tkggpbk1ci)
	+ [**DecJan Shutdown CCWPs**](https://anl.app.box.com/file/743509105822?s=vj4i6i3kpztihald05hh75pr2shkap9e)
	+ [**2020 DecJan Shutdown EFOG on-site Overview**](https://anl.app.box.com/file/750624373243)
	+ [**QEW walkthrough Files for Jan/Dec Shutdown**](https://anl.app.box.com/folder/126467842659)
	+ [**2021-1January Startup Tracker**](https://anl.app.box.com/file/751906470392)
	+ [**FC Post Run Checklist**](https://anl.app.box.com/file/753549734019?s=e6vuftx7jq8ltmu28zb4rj0t54ga46rt)
	+ [**FC Pre Run Checklist**](https://anl.app.box.com/file/753549619121?s=4h0zj9rabaruovhd1nudftb9uo942am0)
* Tunnels are scheduled to close January 13th
* Recap of some of the work going on during shutdown
	+ PSS Validations: See below
	+ Servicing gravity feed cooling system (1-BM, 2-BM, 4-ID)
	+ Citronix work at 5-ID and 6-ID
	+ 6-ID labyrinth work by Scheck
	+ BLEPS upgrades by G. Banks: currently scheduled at 6ID and 7BM.
	+ FE upgrades will continue on the ID lines for sectors 8, 9, 10, 11, 12, and 13. Sectors 8, 9 & 10 are priority 1, sectors 11, 12 & 13 are priority 2
	+ Possible new cryo system being installed at 6ID this shutdown.  This work has been deferred several times.  This would involve Scheck doing some electrical work, SI would need to upgrade cryo info in BLEPS.
	+ APS-IT doing some work at Sector 5 for Steve Weigand.  They will be on site when beamline personnel are not and plan to rope off their work areas to keep distance.
	+ Yokagawa reprogramming (updates to scaling factors) by SI and MOM-water.
	+ Disruption of emergency power: See below
	+ Installation of power supply and network equipment racks for upgrade: Headed by G. Markovich. UPS Power will be interrupted up to 4 hrs for safe tie in.
* PSS validations may be, once again, broken up into those done during shutdown and those scheduled early, on Machine Studies days. Keep your eyes open for validation WRQs, particularly since validations done on Machine Studies days mean greater FC involvement. **Validations required to be done by the end of the shutdown at: 1ID, 5ID, 8ID, 9BM, 10ID, 11BM, 13BM, 14BM, 22BM, 22ID, 23BM, 26ID, 28ID\*(might not be done), 29ID, 31ID, 32ID, 34ID and 35BM.**
	+ SI has requested additional involvement by the FCs to ensure beamline personnel understand the tight scheduling of the validations.  When the validation schedule is completed please reach out to your beamlines and get confirmation they are good with the validation times and make sure they move things out of the way (or do it for them) and they stay out of the way of the validators.
* If beamlines require cord drops for beamline equipment or LOM equipment (cold rooms, servers, low temp freezers) the MOM group would like cord drop requests BEFORE the shutdown.  When the schedule comes out please send out to your beamlines and make sure they understand the disruption to emergency power and if they need cords. Please check this Box folder that is constantly updated with IS-FAC work: <https://anl.box.com/s/othvwdus8bof23qxphd43ql0mhu0kccw>
* located off the SD website: <https://inside.aps.anl.gov/Machine-Status/Shutdown-Work-Planning>

Just to re-iterate, all work will be evaluated and prioritized for the shutdown.  If anything can be deferred it will be. Priority 1 work will be scheduled, priority 2 work will most likely be deferred.

**Pre-Run/ Start up Planning**

**QEW walkthroughs and CCCLs.**

* Please complete all walkthroughs by Jan 20. With the ring closing on Jan 13, walkthroughs should be completed ASAP to ensure that enough time is available for other requests. If you have not done any QEW walkthroughs with Bruno or Clay please contact them.
	+ Please scan QEW sheets into box so that we can create a spreadsheet for findings.

**FC Pre Run Checklist:** [**https://anl.box.com/s/4h0zj9rabaruovhd1nudftb9uo942am0**](https://anl.box.com/s/4h0zj9rabaruovhd1nudftb9uo942am0)

**ESAFs:** Liz will contact each beamline for Commissioning/Startup ESAFs and Lab ESAF that have expired. When posting these ESAFs please put note in comment section that these are for whole run/end date. Spreadsheet can be found in [BOX](https://anl.app.box.com/file/748208236958)

**Communications to resident beamlines:**

* Wendy to update EFOG start up email to resident users.

**Pre-RUN Start up Meeting: Clay to organize and send out notification**

**Experiments of Note**

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 01/11/2021 - 01/25/2021:

High Risk Experiments:

* No High Risk Experiments

All Other Experiments (NOT high risk);

* ESAF 235624 at 35-ID-B. Michael Armstrong and Andrew Robinson from LLNL onsite at APS. Start 01/04/2021. End 01/15/2021.
* ESAF 235744 at 5-ID-C. Anusheela Das and Yanna Chen from Northwestern onsite at APS. Start 1/13/2021. End 2/9/2021.
* ESAF 235764 at 1-ID-E. Basil Blank from PulseRay onsite at APS. Start 1/18/2021. End 1/25/2021.
* ESAF 235147 at 12-ID-D. Sam Marks from University of Wisconsin Madison onsite at APS. Start 1/20/2021. End 1/26/2021.

**General Information to Pass Along**

* Check your QEW status and schedule practical as soon as possible as the 6 month extension is set to expire. CPR & FA training now available onsite – register in TMS
* EFOG cage movement from 437 to 3-BM area to occur this month. Will discuss with MOM group for installation help. Clay to put in a request to MOM group.
* Wearable contract tracing pilot: [www.instant-trace.com](http://www.instant-trace.com/). FCs should be in the next phase of tracing devices.
* PSC has an online suggestion box. Comments can be submitted anonymously. <https://inside.aps.anl.gov/internal/Suggestions-Box>
* Off-hours custodial should be contacted at 4-1001. If no response is received, contact Dave Kazenko or Virginia Brown.

[**https://my.anl.gov/hew/covid-19-positive-cases-at-argonne**](https://my.anl.gov/hew/covid-19-positive-cases-at-argonne)

* Updated 01/08/2021, 168 cases to date
* COVID SME reviewed MCR and MOM tech areas: Segregated into private work spaces for the two MCR operators. Each work space they can go unmasked and eat if only they are in the MCR. MCR must mask before someone enters. When entering the MCR please give them a second to don their mask. MOM techs. 10 in tech areas and distribute others in other workspaces. APS stock room has put up barriers but worker present still needs to wear a mask.
* COVID SME Review of 436: Two person maximum occupancy.
	+ Face coverings can be removed when both workers are seated.
	+ No eating when the space fully occupied (one person occupancy if eating)
	+ Recommendation, try to limit passing:
		- o   NE occupant should prioritize the NE entry
		- o   SW occupant should prioritize the SW entry
* ANL COVID testing will begin Jan11 and continue for three months. Testing is weekly and email sent to participates with date and location. Testing is mandatory. If you are unable to go on your test date you must reschedule for later that week. Roughly 690 employees in the COVID testing: also testing for contractors, students and other workers at ANL (250 personnel).
	+ The Lab is attempting to a get a second type of test - saliva testing – available onsite from the University of Illinois at Urbana-Champaign. Saliva testing affords: (1) quicker turn-around time for test results, frequently 8 hours or less (if certified lab is available); (2) cost per test is ~1/3 cheaper than negotiated nasal swab PCR test cost; and (3) lower cost of administration. The authorization from FDA was not granted so there will now be a delay as they try a different route.

**OPS/XSD GL/PSC Management/AES Leader Meeting**:

* Maintain a “light touch” on site with personnel and staffing. Only perform work that absolutely must be done, and with no more personnel than required.
* Connolly has stated we will not change from Limited Ops + until at least March 2021
* APS-U: The EAA is being cleaned out in prep for beam size monitor being installed as well as portions of the cyroplant for the bunch lengthening system. They are pushing out the MOM group, who will be moving to where the Power Systems group used to be in the EAA
* Rossi: Fans are being looked at as a cause of virus spread. Fans may not be used on site without evaluation and approval. Fans bearing a green sticker have been evaluated and are approved for use.
* Rossi: Caroline will provide shipping support to APS for outgoing shipments of user samples.
* Winter warning. Look for salt buckets and beware of slip trips and falls.

**Long-Term Work Status- APS Upgrade and other APS projects**

* 369 magnet acceptance and measurement activities are ongoing
* Power supply testing continues in the EAA cage and in 400A with a new remote set up.
* 314/400 EAA/MM1 permanent magnet undulator work likely not much happening as they wait for delivery
* 314 high bay, SCU work will be ongoing with some filler work being done on grouting equipment, core winding done, WCD for epoxy potting is in the queue and likely will want to start next week and IH should be contacted for first run.- ?
* 375 front-end receipt inspection (ongoing).
* 375 Plinth removal will be by saw cutting, bid documents have been submitted, no timeline for activity nor who will do oversight, JSA etc.
* 401 L-wing 2nd floor labs, Testing of the Liberia + boxes and BPM Electronics –testing is ongoing.
* 412 RF amplifier installation work completed, additional installation in 2021-1 S/D – No RF leakage from new 10 KW waveguide
* 981 build-out finishing up. Toeller working on items to obtain Final Occupancy 1/2021.
* 203, Physics, Mike Kelly is working on the bunch lengthening system miscellaneous tasks
* 382 component inspection, assembly and cleaning underway as time permits and materials arrive
* 28 ID and 25 ID expect Caratelli in next two weeks
* 314 Water Shed – Utilities installation - sprinklers

The fire protection assessment was received. We have 25 high-hazard hutches. If a fire would develop in one of those hutches, it would be too high for us and would require a sprinkler. We will look at mitigating measures so we would not need sprinklers. In the meantime, we ask that they keep hutches closed when not occupied, which will help mitigate. See below for the list of hutches

Fire Protection High Risk Hutches

2BM-A

2ID-D

6ID-C

7ID-B

7ID-D

8ID-E

8ID-I

9ID-C

11ID-D

12ID-C

12ID-D

13BM-C

13BM-D

13ID-C

14ID-B

16ID-D

16ID-E

17BM-B

18ID-D

22ID-D

23ID-B

23ID-D

26ID-C

31ID-E

32ID-C