

# PSC SAFETY REFRESH

PAUL ROSSI  
DIRECTORATE SAFETY MANAGER



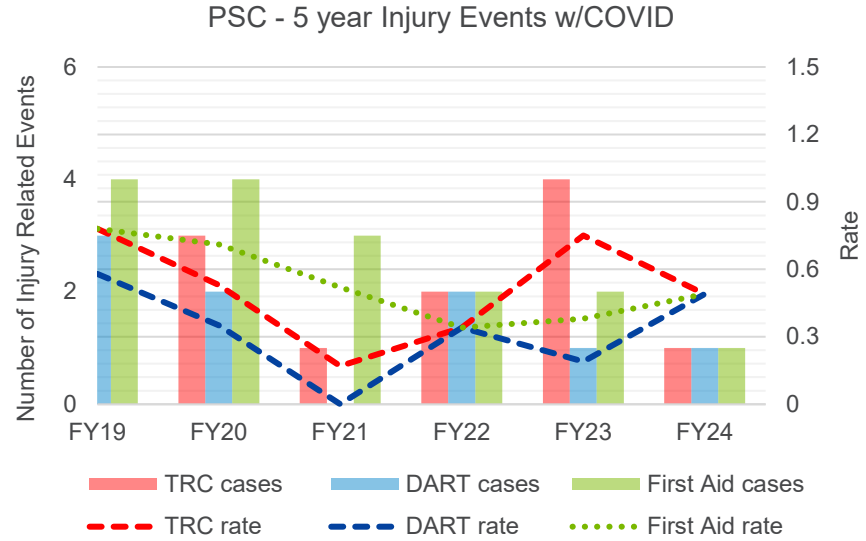
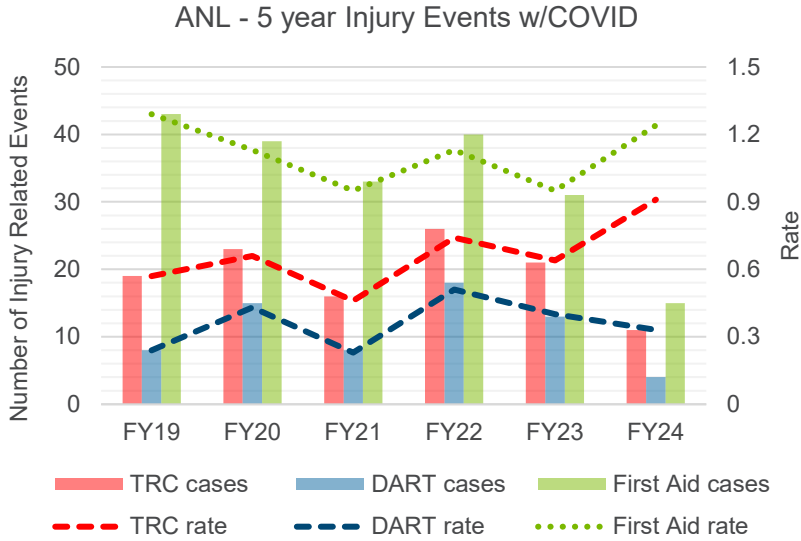
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# SAFETY RECORD

## for FY2024

**1 First Aid Injury | 1 OSHA Recordable Case (TRC) | 1 Day Away or Restricted Time (DART)**



# PPE IS JUST AS IMPORTANT AS EVER

- As storage ring installation ends, we can't lose focus on PPE
- The APS will remain a construction zone for many months





KEEPING ARGONNE SAFE



# REPORT ANY UNUSUAL OR EMERGENCY EVENT



**9-1-1**

From the nearest  
Lab landline or  
Argonne softphone



**630-252-1911**

From your cell phone



On your cell phone

**Argonne App**

For more information, search “Medical Wellness and Emergency Services” on **MYARGONNE**.

# EMERGENCY RESPONSE UPDATE

## 17 additional Automated External Defibrillators (AEDs) have been added throughout the APS

### 401

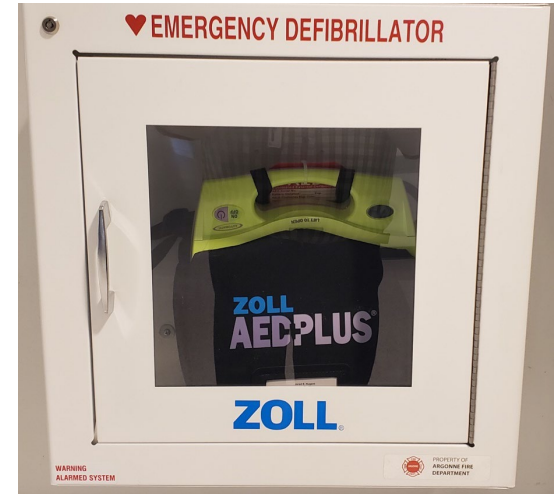
- Ground floor West elevator lobby and by the freight elevator
- 1<sup>st</sup> floor Atrium lobby near the women's bathroom and freight elevator
- 2<sup>nd</sup> floor by the freight elevator
- 3<sup>rd</sup> floor by the freight elevator
- 4<sup>th</sup> floor by the freight elevator
- 5<sup>th</sup> floor by the four black chairs outside A5000

### 402

- Ground floor by the stairs going up to E1100 / E1200

### LOMs 431 through 438

- On the wall as you walk into the kitchen area of pentagon



ESH109 training covers  
AED operation

# SPILL AND RELEASE RESPONSE

Argonne Environmental Protection Program (EPP) responds to spills, water line breaks and other emergencies

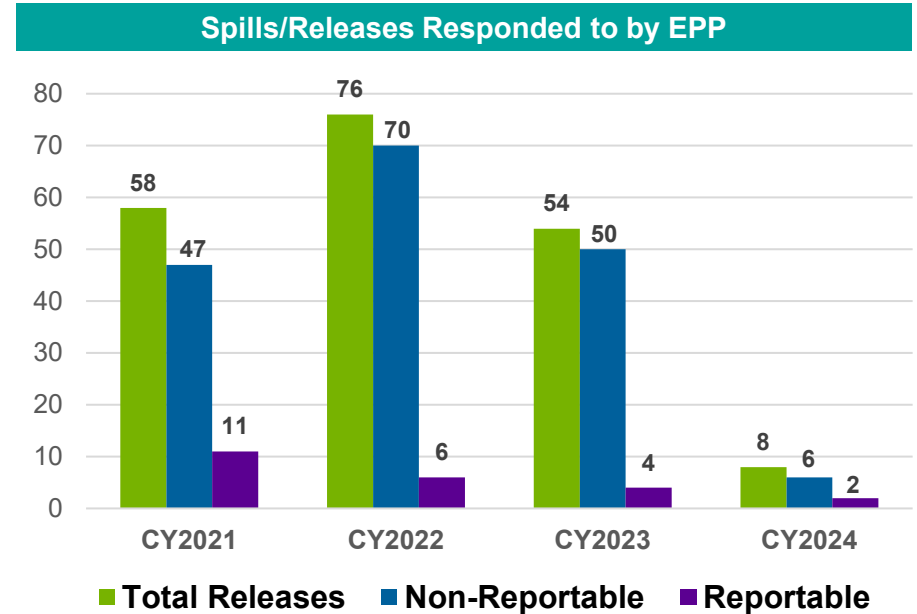
- **Spills can involve** oil/gasoline, chemical or radiological releases and pipeline breaks (domestic water, canal water, sewer lines)
- **Spills can be reported to EPP** via 911 calls, direct communication with stakeholders and EPP observations on inspections/walkthroughs
- **EPP responds** on nights, weekends and holidays as necessary



# TYPES AND FREQUENCY OF SPILLS

## From CY2021 to present

- 196 total spills/releases
- Majority (88%) did not require reporting to an external agency (U.S. EPA, etc.)
- Only one qualified as an ORPS
- No spills have resulted in fines to Argonne
- Most prevalent: Domestic water pipeline releases, oil/petroleum products, chemicals, other releases
- 33 total oil spills, most from Argonne vehicles, only one reportable to external agency





# SAFETY SURVEY RESULTS

Comparison to last August's safety survey

**138** responses

**124** in  
August 2023

*Thank you  
for your feedback!*



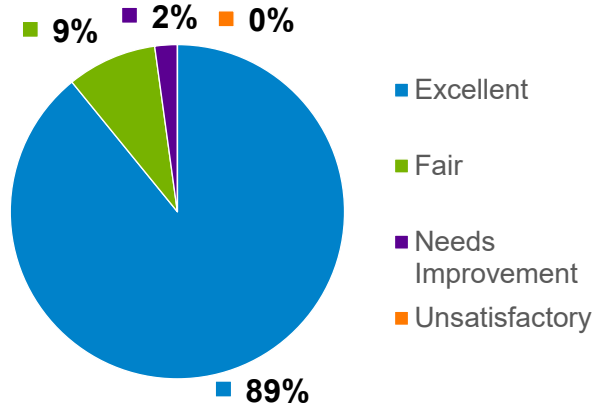


# SAFETY SURVEY RESULTS

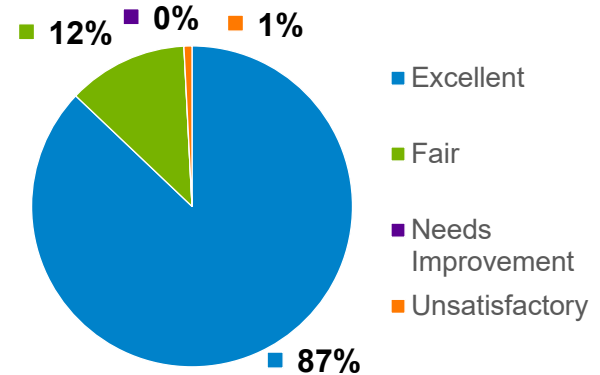
Overall, since the start of the shutdown, how would you rank our safety efforts?

98% thought our safety efforts were excellent or fair vs 99% in August

FEBRUARY 2024



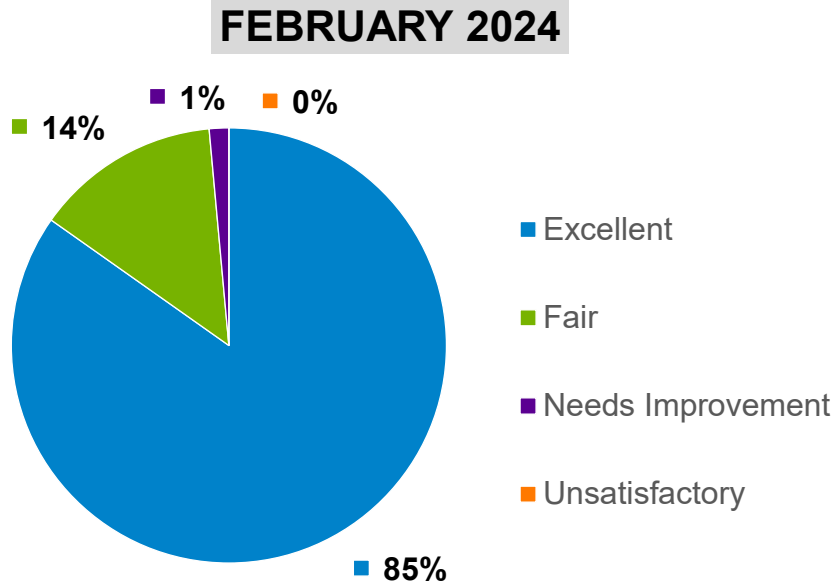
AUGUST 2023



# SAFETY SURVEY RESULTS

In your opinion, how effective have we been in addressing safety concerns that may have come up during the shutdown?

99% said excellent or fair vs 98% in August 2023



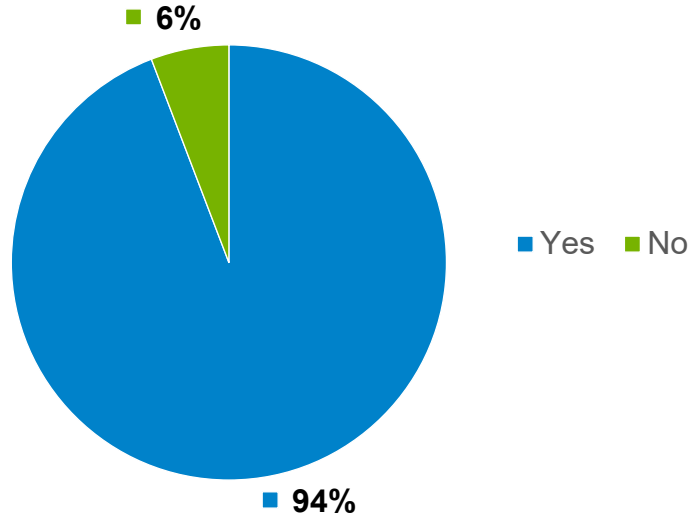
# SAFETY SURVEY RESULTS

Do you feel you are well-informed, from a safety perspective, about what upgrade activities/access limitations are happening in the coming days/weeks?

FEBRUARY 2024

**94% felt well-informed**

*No similar question in August*





# SAFETY SURVEY RESULTS

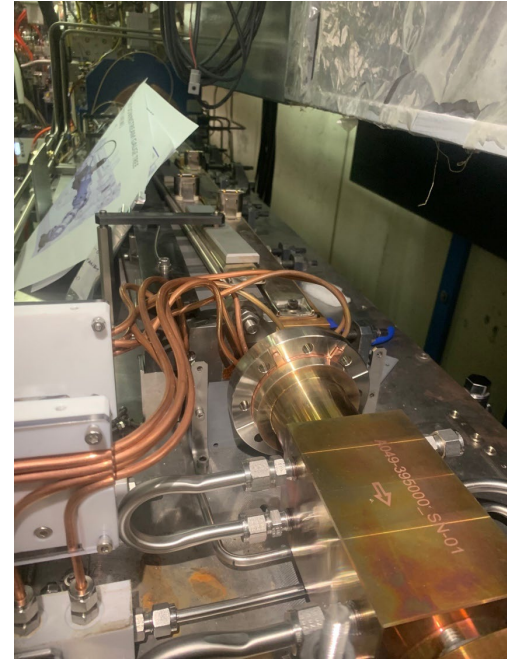
## What is working well?

Communication was a common theme in the responses

Many comments mentioned upgrade communication tactics such as:

- Weekly Plan of the Week emails, enhanced with beamline activities
- Morning and afternoon meetings
- Monthly PSC All-Hands
- Q&A sessions

We will continue these tactics and welcome your input

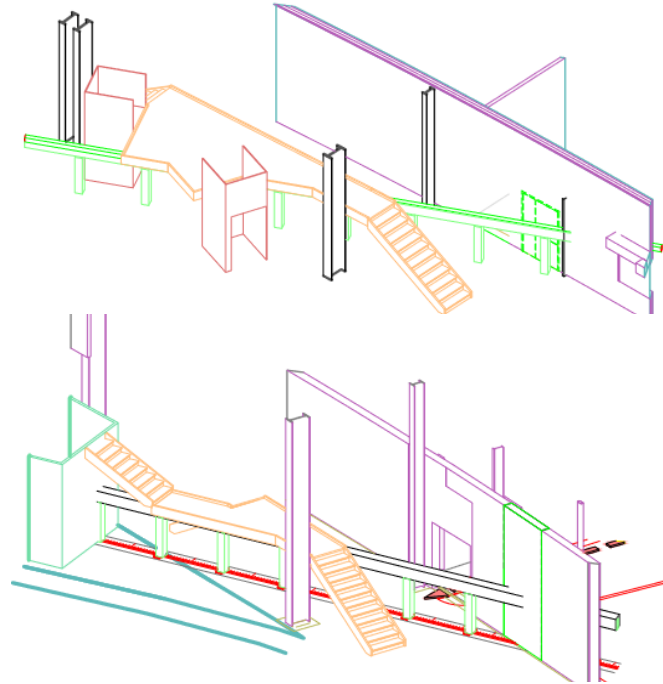


# SAFETY SURVEY RESULTS

Are there specific safety topics that need improved or increased communications?



“I’d like more information on the LBB [Long Beamline Building] and how it will affect traffic patterns around the ring.”



# SAFETY SURVEY RESULTS

Are there specific safety topics that need improved or increased communications?



**“Coming back from construction, we need to refresh the memory on how to run experiments and what is required. This can be simple stuff such as getting DEEI approval first, when users are bringing in their own equipment.”**

ESAF will continue to request DEEI (Designated Electrical Equipment Inspector) inspections when non-NRTL (Nationally Recognized Testing Laboratory) equipment is identified on the ESAF

**Contact the Floor Coordinator for any experimental questions:  
Call 2-0101**



# SAFETY SURVEY RESULTS

Are there specific safety topics that need improved or increased communications?



**“Throughout the upgrade, the communication to beamlines which are not directly involved in upgrade activities has been minimal, at best (often limited to the weekly email)...As we transition towards coming back online this will only ramp up and more information about the status of things would be helpful.”**

- Planning in progress to change the morning Toolbox Talk to focus on the work occurring on beamlines and commissioning of the storage ring
- Plan of the Week will be enhanced to be more specific about beamline activities

# HOUSEKEEPING

**ALWAYS** keep all egress aisles, emergency equipment access areas and areas in front of electrical panels clear

*“We need everyone to spend about a week clearing trash from their work areas.”*

*“Cleanliness and clutter removal needs to be addressed. There are large pieces of equipment and stuff blocking the utility corridors and maze door entrances.”*

Contact Floor Coordinators with any questions.



# ASE AND SAD

“I think there are a lot of assumptions that the new ring will work like the old ring, but employees have not been introduced to the new ASE and SAD rev 6. I suggest that this intro be done, with opportunity for questions.”

## ASE

The **APS Accelerator Safety Envelope** is currently in the process of DOE approval.

Previously, it was part of the **APS Safety Assessment Document**.

We will make it available with the implementation matrix after the Accelerator Readiness Review.

## SAD

The **APS Safety Assessment Document** is available now.



If you have concerns about what this means for you and your work, please contact **Paul Rossi** at [prossi@anl.gov](mailto:prossi@anl.gov) or **John Quintana** at [jq@anl.gov](mailto:jpq@anl.gov).