

Fermilab Community Advisory Board January 26, 2023 meeting

Members attending: Larry Brenner, Chris Faber, Jim Gebhardt, Leah Goodman, Ellen Huxtable, Tim Klaus, Britta McKenna, Arnolfo Santoro, Alexandra Tsang

Fermilab/DOE personnel attending: Chris Greer, Amber Kenney, Tracy Marc, Kim Mazur, Chris Mossey, Kurt Riesselmann, Becky Thompson, Scott Tingey

Welcome and Introductions

Rebecca Thompson

News from the Lab

Tracy Marc

Presentation and links to communication highlights are linked in the agenda.

Q — Why does the robot need PPE?

A — The idea is to use the robot in high-contamination and high-radiation areas. If the robot was not covered and got contaminated, it would require special cleaning. The PPE is reproducible and can be cut off and thrown away, yet it is tight fitting and made out of readily available materials that are easy to use.

Q — How do you get your news? It would seem scientists/engineers have their heads down and don't realize that they have a story.

A — We get our news from pitch meetings, where divisions pitch stories. We check in with people and look for someone with a paper coming up. Sometimes, we have to do a bit of hunting.

Tritium Report Discussion

Chris Greer

Presentation is linked in the agenda.

Suggestion: Present the tritium updates in March of each year so that the boundary discharge map for the previous year is updated.

LBNF/DUNE Update

Chris Mossey

Presentation is linked in the agenda.

A discussion followed the presentation that included noting that no gold has been found. The area is called the 'poor man's formation' and, if any gold were to be found, it is contractually not ours. The open cut is 1,000 feet deep and, after filling it with 800,000 tons of rock, it will be 1% full.

What Fermilab Should Know

All

Britta is working with Becky and Kurt on a presentation that Britta will present to the Batavia City Council in February. It is hoped that CAB members can then share the presentation with their home city councils.