

Group 3 Discussion Notes

Attendees:

Nathan Montgomery – Kemmerer Mine
Troy Mickelsen – Line Power
Bill Wilson – DCS
Rowdy Wright – Marigold
Randy Lindborg – Coyote Creek
Brandon Hunter – Wesco
Phil Granger – Cloud Peak Energy
Drew Peterson – Buckskin Mine
Brett Board – Magna IV
David Sedivy – TPC Wire and Cable
Lionel Weesen – Paintearth
Joshua Ryle – Fladers
Kyle Martin – Kemmerer Mine

Safety Items:

Lionel Weesen – DC arc flash study. Used cameras to view arc flash and view commutators.
Randy Lindborg – Chicken switches. Seem to work well. Chicken switch handles with timers built in that allow you to flip switch and walk away.
Phil Granger – Insulated mats. 2 effective means of grounding ground wire.
Lionel Weesen – Carry 1000 volt zero gloves to work.
Lionel Weesen – Tritium exit signs very expensive to dispose of.

New Innovations and Technology:

Lionel Weesen – Adding RTDs whenever there is failure. Retrofit equipment after problems. Getting a baseline is very important.
Phil Granger – Vibration analysis. Found on inner race problem of hoist motor bearing.
Randy Lindborg – LED lights. Operators get used to them and complaints go down.

Problems and Solutions:

Lionel Weesen – Parallel path grounds, had to install isolators.
Nate Montgomery – Cable torpedos for moving cable.
Rowdy Wright – What happens when 2 inspectors dispute each other?
Rowdy Wright – Fire extinguishers at each hot start.

Future Meeting Topics:

Phil Granger – Comparison between Canadian and US regulations

Future Locations:

Phoenix
One meeting per year.