

WMEA November 2015 Fort Worth, TX

Group 8 Summary – Jeff Glenney, Littelfuse Startco

#### Attendees

Blake Walcker –Falkirk Mine

Cody Gillean – DCS

Matt Hampton – Sabine Mine

Mark Duskey – Nidec Avtron

Ty Johnson – Luminant

Dave Durocher –Eaton

Kevin Krueger -AVO Training Institute

#### Safety Items

Ladder Safety – at home be careful putting up Christmas lights

Driving Through Water – Ty Johnson mentioned washouts from flash flooding removed the road on a low spot. Don't drive through water if you can't see the bottom.

Another drowning happened in Southern Sask when a friend's son drove into a slough and into an unseen dugout. He was unable to remove his seatbelt.

Luminant has done their Arc Flash study and have every task identified as HRC 2 or HRC 4 for PPE requirements. The contractors don't require the same PPE because they are not doing the switching. They are still required to lockout and tag out equipment –but they only work on de-energized equipment.

I also mentioned resistance grounding was going to be applied on a drill and after looking at the drawings I discovered the transformer was feeding Line-to-neutral loads. It added a hazard because all the loads were fed from single pole breakers. During a ground fault the neutral would have been hot on all of the L-N loads. Not a safe situation and not allowed by NEC.

#### New Innovations and Technology

Cody from Falkirk mentioned mine in ND is switching all control power to 24V to improve safety.

Electricians would not be at risk as they are when working on 120V controls.

LED lights were discussed. Many advantages seen including time savings, reduced fixture count, adequate light, redundant driver designs make it safer and no warmup time.

Light plant left on all the time resulted in one mine installing GPS controls for the light plants and it also helped for tracking purposes. Other mines are just using timers for the light plants.

#### Problems and Solutions

Miner attendance at WMEA seems a little lower at this meeting. Budget cutbacks were mentioned and inadequate staffing to cover were concerns.

Maybe we could get MEMSA to attend our function.

Are there any training classes that any mines would be interesting

We should arrange to have WMEA an opposite week to Automation Fair. Some may have gone there.

Light plants have been upgraded due to reduction in load and fuel savings.

#### Future Meeting Topics

Three Oaks may be able to present on Operator Fatigue implementation and how they got buy in (if they did).

GPS asset tracking.

Pre-WMEA training needs?

Prep Plant Energy Audit Case Study –Eaton Dave Durocher.

#### Future Locations

Denver still good.