

## **WMEA Denver May 29, 2015**

### **Group 6**

George Schofield- Westmoreland Resources  
Mark Rasmussen- Westmoreland  
Gus Nasrallah- Electroswitch  
Tony Martinez- Bodec Electric  
Bernie Damori –Drives and Control Services  
Quinton Hamila – Barrick Goldstrike  
Phil Granger- Cloud Peak  
Brooks Catmull- Dykman Electrical

### **Safety Items**

Open NGR-testing ngr program, msha blitz 22,900- George  
When working on motors, 120v heater, Labeling all power sources in a panel, Signage on substation-  
4sides- Buggy whip on rabbit boxes-flattened one with bucket. Time delay breaker switch

### **New Innovations and Technology**

Vibration, sensors on bearing pedestals.- Mark  
Led Lighting on boom, need lighter fixtures- George and Mark  
Arcflash sensors in mcc room, A/C/AC drive- Brooks  
Bump proof handles for breaker switches- Gus

### **Problems and Solutions**

Had three spares during budget process, dragline drives obsolesence, AB PLC 5, PLC 500- Phil  
Seatbelt propel interlocks, wire into overload sensor- Phil  
Vaccum bottles- testing

### **Future meeting topics**

Return of MSHA, NGR-applications, Grounding for safety, Ac/AC drive theory, NFPA 70E, DC arc flash

### **Future locations**

Billings, Salt Lake, Boise