

Minutes for EFCOG Electrical Safety Subgroup Teleconference – January 16, 2013

Attendees:

Bobby Gray	Independent	Mike Hicks	DOE INL
David Austin	INL	Greg Christensen	INL
Doug Pretzer	INL	David Inskeep	INL
Vernon Phinney	INL	John Whipple	INL
Chad Replogle	ORNL	Dick Parker	TRU WPC
Mark Mathews	ORNL	Richard Waters	INL
Kim Gwinn	NSCL	Kurt Kranz	NSCL
Jackie McAlhaney	SRS	Doug Stickney	SLAC
Jeff Jensen	INL	Skip Searfoss	DOE HQ
George Powell	NST	Doug Coffland	LLNL
Keith Knotts	NETL	Gary Dreifurst	LLNL
James Luhring	SRS	John Pearson	ORISE
Lloyd Gordon	LANL	Daryl Magers	NSTech
Jerald Kinz	Hanford	Roger Kulavich	Y12
Mazen Al-Wazani	DOE – Richland WA	Sal Sferrazza	NREL
Mark Scott	LBNL	Bill Lowry	NETL
Stephen Crow	Hanford	Mark McNellis	SNL
Heath Garrison	Pantex	Nasser Dehkordi	PNNL
Marc Williams	SNL		

Minutes:

The meeting was called to order at 9:03 by Greg Christensen.

1. Spring meeting

Greg requested that any info or agenda items be sent to officers for inclusion on agenda. 5 working groups will continue to be worked at the conference. Handbook final actions will be completed. Additional agenda items: comments on 70E 2015 changes; additional action to adopt the Electrical Severity Measurement Tool (ESMT) as part of the ORPS reporting criteria - conduct a survey on how the tool is being used Important dates. Mike Hicks noted that the registration for the IEEE ESW is locked now, but DOE has not approved it. The meeting has been designated as not needing DOE approval. Each contractor has a POC that will identify that it's locked...discussed that 32 people for \$83000 may be a little low. Meeting is under \$100k and does not require DOE approval. All IEEE attendees were also reminded to register for the EFCOG meeting (on the EFCOG website: <https://adobeformscentral.com/?f=A8bjD3YU5YLAaJAEeK55Fg> Sal asked about a conference bridge for the meeting on Monday. Greg stated he would look into it.

2. NREL Office of Enforcement Letter

([http://www.hss.doe.gov/enforce/docs/els/Alliance %20Enforcement %20Letter.pdf](http://www.hss.doe.gov/enforce/docs/els/Alliance%20Enforcement%20Letter.pdf)). Sal Sferrazza stated that this was in reference to a near miss incident on February 27, 2012. A capacitor wasn't discharging properly. The worker didn't have the correct meter and wasn't wearing any PPE. . The capacitor was rated at 4800 µF at 2250 volts. Severity was 1400 with a calculated arc flash boundary of 10 inches. The letter describes some possible improvements at NREL. Electrical safety is now at the top

of NREL ES&H priorities. Some changes included adding a specific section on capacitors in procedures, special training on meters, addition of qual cards for electrical workers, and attempting to improve researchers level of electrical awareness. Lloyd stated he would send what his standards group is proposing for consideration.

3. Working Group Updates:

- Marc Williams updated Electrical Safety Month, noted that former astronaut Sid Gutierrez agreed to present opening video and Electrical Safety Month plans were progressing, with more updates at the spring meeting.
- DC working group: Gary Dreifurst reported. Lloyd recommended development of a large UPS safety template.
- ISA Standards Working Group: Mike Hicks reported that there were 3 proposed standards for ISA . Ground hook design, severity tool revision in review.
- Mobile App Working Group: Lloyd Gordon reported that DOD revised the mobile app and will evaluate getting the mobile app beta tested. It would be used as a learning tool for LANL researchers.
- Lightning Protection and Grounding: Jackie MacAlhaney reported that the lightning protection document is finalized and sent back to working group for final comments, for posting as a Best Practice in later this year.

4. Monthly event review: Skip Searfoss reported that he is doing an analysis of 2012 events to be shared ESSG, and he reviewed the monthly report data. (The Electrical Safety monthly report was delayed due to other high priority projects, but will be posted on the HSS site when available).

5. Open discussion. Pat Tran sated that all DOE Electrical Safety Handbook comments have been resolved.

Meeting adjourned at 9:47