

ESTG Winter Meeting

-Jennifer Martin (Secretary)

Reno Nevada January 30, 2017



New Officers Take the Helm

- Richard Waters - Chair
 - Idaho National Laboratory
- Dave Mertz – Vice Chair
 - Fermi National Laboratory
- Jennifer Martin – Secretary
 - Federal Engineers & Constructors

Complex Representation

- NREL
- Hanford
- INL
- SRS
- LANL
- LBNL
- FNAL
- LLNL
- DOE HQ

ESTG Winter Meeting

- **Welcome / Introductions – Heath Garrison / Richard Waters / Dave Mertz / Jennifer Martin**
- **Review of ESTG products posted on EFCOG website (update, archive, cancel) Richard / Heath**
- **ESTG – Summer workshop update / Presentation - Andrew Olsen / Jennifer Martin**
- **Working Group Reports**
 - **DC Hazardous Energy – Gary Dreifuerst / Stan Berry**
 - **HEC – Stephanie Collins / Dave Lipinski**
 - **Subcontractor Electrical Safety Management – Jim Watson / Jeff Williams**
 - **DOE Electrical Safety Handbook (Update) – Lloyd Gordon / Mike Hicks**
 - **NFPA 70E Risk Assessment / Operation of OCPD's – Tommy Martinez / Greg Christensen**
- **Current deliverable commitments for working groups – Heath Garrison**
- **Discussion and selection of workshop working groups and leaders and goals / commitments**
- **Electrical Safety Metrics – Lloyd Gordon**

ESTG Products on the Website

- http://efcog.org/safety/worker-safety-health-subgroup/electrical-safety-task-group/?drawer=Electrical Safety Task Group*Documents



- Best Practices
- Electrical Safety Training
- Position Papers
- DOE HNBK 1092-2013
- EFCOG Electrical Safety Analysis
- Electrical Presentation Charts
- Severity Measurement Tool R3
- Statistical Process Control

- **A review of the Best Practices posted by the ESTG was proposed.**
 - Jackie McAlhaney – SRS Past Chair
 - Greg Christiansen – INL Past Chair
 - Mike Hicks – DOE/INL
 - Kyle Carr – LANL
 - Heath Garrison – Chair Emeritus

Thank you to our volunteers!

- **DOE HNBK 1092-2013 Working Group**
 - A decision was made to take this working group out of the workshop timeline due to the complexity of the task.
 - Voting Members selected Option# 3 unanimously.
 - Delete the current content and develop/replace with only R&D electrical safety material since the current content is adequately covered by NEC/70E. This would then become the “DOE R&D Electrical Safety Handbook”.

Branding for ESTG Presentations

- EFCOG ESTG Logo's
- EFCOG ESTG PPT Templates
- Provided to Working Group Lead's and Co-Leads.
- Provides Clarity and Uniformity for Working Group Materials.

EFCOG Website Registrations

- Provide a duplicable process for Electrical Safety Workshops year after year.
- One location for information.
- Provide Feedback for improving the process.

FY17 Deliverables

- WSH/ES-16-06 Electrical Contact Release
- WSH/ES-16-08 DC Arc Flash Calculator (**Complete**)
- WSH/ES-17-03 Review DOE HNBK 1092-2013
- WSH/ES-17-05 Look Alike Equipment

ESTG Past Workshops



Electrical Safety Workshop



Fermilab 2016 ESW Workshop



Electrical Safety Workshop



Electrical Safety Workshop

Lawrence Livermore ESW 2015



Electrical Safety Workshop

Lawrence Livermore ESW 2015



ESTG Reno Nevada



IEEE IAS 2017 ESW



Electrical Safety Workshop
July 24 – 28 2017
Hanford-RL Operations