

**2011 PCIC Safety Subcommittee
Approved Meeting Minutes
September 20, 2011**

1. Paul Sullivan (Chair) called the meeting to order at 3:30pm. Ed Larsen (Vice-Chair) gave roster instructions.
2. Safety Subcommittee Membership Update:
 - Members present 57
 - New members present 56
 - Total present 113
 - Total drops 29
 - New total membership 182
 - Paper reviewer volunteers 50
3. PCIC Safety Excellence Award:
 - Danny Liggett asked if past safety award recipients are listed on the web site so he doesn't nominate someone who has already received. The committee's response was Yes.
 - Daleep Mohla asked who is eligible to receive the technical excellence award. Lanny Floyd answered anyone who has not received a higher technical award from the IEEE.
4. 2010 minutes approved.
5. Other Conferences:
 - Danny Liggett gave an ESW report. Joe Andrews will receive the ESW founders award.
6. 2012 SC papers:
 - The abstracts of 5 potential papers for next year were reviewed. Ed led review of abstracts. Either an author or an author's rep made brief verbal presentations for each. 114 ballots were received from those in attendance.
7. Special Presentation: Study of OSHA Arc Flash Injury Reports 2011– Craig Wellman.
 - Ed commented that 120V arc flash case points out that it's not just breakers that need maintenance in order to reduce the arc flash hazard. He also mentioned that NEMA has recently published a free standard on maintaining switches. While a properly operating switch does not reduce the arc flash hazard (the fuse does that for faults on the load side of the fuse), it is important to electrical safety in other respects.
 - Louis Barrios asked at what voltage is an arc flash analysis necessary. Craig responded that it's mentioned in 70E-2012 and the issue is being debated at 1584 WG meeting.
 - Daleep suggested that OSHA data is not complete and not necessarily accurate.
 - Jim Bowen recommended designing equipment w/o interlocks that can be defeated and where entry is not required.
8. Special Presentation – Prevention Through Design – Lanny Floyd
 - Daleep asked why the petrochem industry (via the ACC) continues to request safety exceptions in the NEC and suggested change in attitudes.

- Ed asked Lanny where a maintenance switch would fall on the hierarchy. Lanny responded that it will fall in between administrative and engineered controls.
- Daleep commented that NFPA 70E doesn't address design because that is not in the scope but NFPA 70 covers the installation requirements.
- Danny Liggett noted that the ACC is looking for Code Making Panel reps.

9. Meeting adjourned at 5:08pm.

Respectfully submitted,

Ilanchezian Balasubramanian

(Based on minutes from Ed Larsen, Vice Chair)

Secretary