

IEEE SWITCHGEAR COMMITTEE CORRESPONDENCE

Minutes: C37.48 Working Group on Revision of Fuse Standards, High-Voltage Fuse Subcommittee
 Place: San Diego, CA (Catamaran Resort)
 Date: October 9, 2019
 Chair: J. G. Leach
 Secretary: J. Wenzel

Members Present on October 9, 2019: (14)

Chris Borck	Eaton
Sterlin Cochran	Hubbell Power Systems
Rodolfo Elizondo	Peak Demand
Gary Haynes	ABB Inc.
Travis Johnson	Xcel Energy
John Leach	Consultant - (Chair)
Pete Marzec	S&C Electric Co.
Chris Morton	PowerTech Labs
Caryn Riley	Georgia Tech/NEETRAC
Jon Spencer	Utility Solutions
Dustin Sullivan	Hubbell Power Systems
Randy Ward	Aluma Form
Jim Wenzel	Eaton (Secretary)
Robert Wolf	Hubbell Power Systems

Members Absent: (5)

G. R. Borchardt	
Sam Chang	Pacific Gas & Electric
Anil Dhawan	Com Ed
Bobby Moorhead	Dominion Energy
Emily Witcher	Hubbell Power Systems

Guests: (14)

Edwin Almeida	Southern California Edison
Joshua Arlund	Maclean Power Systems
Jacob Blake	Hubbell Power Systems
Ngoc Bui	San Diego Gas and Electric
Jeramie Cooper	Eaton
Nadia Elkhatabi	Hydro-Quebec
Rich Frye	Eaton
Hemanth Jala	S&C Electric Co.
Eric Li	Powertech Labs
Paul Pearce	Maclean Power Systems

Al Pruitt	Durham
Laura Reid	Hubbell Power Systems
Francois Soulard	Hydro-Quebec
Charles Worthington	Hubbell Power Systems

1. Meeting Call to Order

- The meeting was called to order on Wednesday October 9, 2019 at 8:00 a.m.

2. Approval of agenda

- The agenda was approved as circulated.

3. Member/guest introductions

- Members attending one meeting can request membership in the WG at the next meeting.

4. Announcement of Essential Patent Claims

- John made the official request for knowledge of essential patent claims. There was no response, so the meeting proceeded.

5. Approval of Wednesday May 1, 2019 meeting minutes

- Minutes approved as circulated.

6. Report from the Chair

- The ballot for PC37.48 was completed at the end of August.
- Intent of this WG is to update the tutorial and application guide. The original intent was to educate people on fuse types, how they worked, and how they worked with other fuses and applications. IEC updated their tutorial about 4 years ago that incorporated information included in the IEEE C37.48 and C37.48.1.
- The latest versions of C37.48 drafts have been emailed out to Working Group prior to meeting.

7. Report and Discussion of Relevant IEC activities

- IEC Current limiting fuse document 60282-1 is being revised to edition 8. We reference this document in C37.48 draft and can't ballot our final version C37.48 until edition 8 exists. 60282-1 should be published prior to our Spring 2020 meeting based on the approval stage the document is in.

9. Revision of C37.48/48.1 and Actions

- Review of comments on ballot and agreement on resolution.
- G Haynes to check with Edgar Dullni on his comment about section 4.2.4.3 line 732 where he asks to add "power frequency."
- John will be sharing revisions of draft based on in meeting discussion and post meeting research. Lines 676, 1725, 1743.
- All members to review the use of IEEE 18. If we don't use it in the body of the document, we will move it to the bibliography.

9. Old Business

None

10. New Business

Motion to request subcommittee to approve PC37.48 to ballot before Fall 19 meeting

11. Next meeting

The next meeting will be held the week of May 4, 2020 at the Peppermill Resort, Reno, NV in conjunction with the Spring 2020 Switchgear Meeting. We might not need to meet.

12. Adjournment: 12:00 October 9, 2019

Respectfully Submitted,
James Wenzel, Secretary