

SC-3 WG 3.4 24-05 Meeting Agenda May 24, 2024 2 PM to 3 PM EDT WebEx

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1. Call to Order – the meeting was called to order by Chair, Rebecca Steinman, at 2 PM EDT.
2. Keep scope, remove purpose due to comment from PAR.
3. Roll Call – in attendance 6, current quorum is 5
4. IEEE Patent and Copyright Policy Review, slides attached, agenda posted to iMeet at least two weeks, [Patent Slides for Standards Development Meetings \(ieee.org\)](#)
5. Approve 24-04 Meeting Minutes, moved by George, seconded by Khoi, Minutes Approved Unanimously.
6. Chris Abernathy comments
 - a. changes shall to should (just before 1.3)
 - b. 2, second para, 3,4 footnote should be 3 and 4
 - c. Pg 11 – Annex G broken link
7. Review Steven Graham comments
 - a. Annex C.3 - where ref. is made to IEEE-1185 for additional info on cable testing: New -1186 (not 5) for evaluating cables in nuclear facilities, currently in the ballot process (stephanie.watson@nist is Chair, is Vice-Chair), would be much more comprehensive, as -1185 is mostly about installation with a little testing that's primarily related to new installation. - No comments
 - b. In Table C.1, 2nd page, last row on cable insulation or jacket, Partial Discharge sub-row, I suggest adding "See IEEE 400 and 400.3." The entire focus of 400.3 is PD testing of (shielded) power cables **and VLF**. Approved
 - c. Also for Table C.1, 2nd page, since PD is included and applicable to shielded MV power cables, we should also consider a row for "Very-Low-Frequency Dissipation factor / Tangent-Delta and withstand testing (See IEEE 400.2.)" VLF TD and withstand are more commonly applied in AMPrograms (vs. PD) to "detect increased insulation leakage current (vs. charging current) and the presence of water trees". No comments
 - d. In App. D there are at least five changes to "localized adverse environments". Just curious why this order was repeatedly changed? GALL and GALL-SLR AMPs refer to the original reverse "adverse localized environments" (or ALEs). No comments.
8. Vote to move forward to SC3 review. Suresh moved, George seconded, Results Unanimously approved. Distribute today to SC3.
9. IEEE NPEC Ballot Presentation Slides for 7-18-24.
10. Upcoming Meetings
 - a. NPEC 24-04, July 15-18, 2024 Warner Center Marriott Woodland Hills, CA, no WG-3.4 meeting at NPEC
11. Adjourn – 2:34 PM EDT

WG 3.4 April 26, 2024 Meeting Attendees Roster

Members:

Name	Affiliation	Voting?	Present
Rebecca Steinman	Self/Constellation	Y	Y
Suresh Channarasappa	Westinghouse	Y	Y
George Kyle	Self	Y	Y
Chris Abernathy	TVA	Y	Y
George Ballassi	Self	Y	
James Gleason	Self	N	
Steven Graham	Duke Energy	Y	Y
John Kickhofel	Apollo+ Nuclear	N	
Robert Konnick	Marmon Innovation and Technology	N	Y
Tom Koshy	DNSFB	Y	
Jacob Kulangara	DOE/NASA	Y	
G. Singh Matharu	Self	N	
Ed Mohtashemi	Self	Y	
Khoi Nguyen	NRC	Y	Y
Eric Rasmussen	R-SCC	N	

Guests:

Voting Member Rules Approved in the August (23-07) Meeting

NPEC Policies and Procedures Manual/SC-3 Operations and Procedures

1. Non-voting member at the first meeting they attend.
2. Non-voting member must attend 2 out of the last 4 meetings before they may request membership from the Chair. They become a voting member at the next meeting.
3. A voting member must attend at least half of the meetings in a rolling 6 meeting window to remain a voting member (the Chair may grant continuing their voting status to members that did not meet this criteria under special circumstances).
4. The Secretary shall display or announce the voting and non-voting status of members at each meeting.
5. A quorum is a simple majority.

All members current at the August meeting should remain a WG 3.4 voting member. They will be changed to non-voting status at the end of the year if they haven't attended a meeting by then.