

8.4 Underground Transformers and Network Protectors – Carl G. Niemann (Chair), Dan Mulkey (Vice-Chair)

Meeting Minutes – April 22, 2009

8.4.1 Introduction/Attendance

The Underground Transformers and Network Protectors Subcommittee met on Wednesday, April 22, 2009, in the Concerto A/B room of the Hilton Miami Downtown Hotel in Miami, Florida at 9:30 AM with 8 members and 7 guests present, with Dan Mulkey presiding in Carl Niemann's absence.

8.4.2 Approval of Minutes

The minutes of the October 8, 2008 meeting in Porto, Portugal were approved as submitted.

8.4.3 Membership

Membership stands at 15 members.

8.4.4 Chairman's Remarks (by Vice-Chair)

The following Administrative Subcommittee notes were reported to the subcommittee:

- Admin. Subcommittee reviewed the proposed O&P manual
- There will be an O&P for each WG
- WG leaders should:
 - introductions with affiliation - consultants
 - manage membership as will need quorum for action
 - Roberts Rules of Order
- Proof of comment resolutions- evidence of consideration – add resolution status and resolution detail

8.4.5 Working Group Reports

8.4.5.1 Underground Single Phase Transformers (C57.12.23) – A. Traut, Chairman

1. The WG did not meet in Miami. Draft D7 was successfully balloted in June 2008 with 100% affirmative response. No corrections were necessary and the document was approved by RevCom at the March 2009 Standards Board meeting. Editorial staff is finalizing the document with publication anticipated by 4/30/09.

8.4.5.2 Three-Phase Underground-Type Transformers (C57.12.24) – Giuseppe Termini, Chairman

1. The meeting was called to order by the Chairman at 8:00 a.m. on Monday, April 20, 2009 in the Picasso Room of the Hilton Miami Downtown in Miami, Florida. Brian Klaponski acted as the recording secretary.
2. An agenda was presented and introductions were made. The meeting was attended by 13 members and 17 guests. Two guests requested membership.

3. The Chairman asked if anyone in the Working Group (WG) knew or had knowledge of any existing or pending patents that may affect the work on this standard. No responses were recorded.
4. The Meeting Minutes from the previous meeting in Porto, Portugal in October 6, 2008, were reviewed and approved.
5. The Chairman reported that the ballot closed on Oct. 9, 2008 with an 80% response rate and a 96% approval rate. He distributed a list of 30 comments (20 comments voted as “disapprove”, 2 editorial comments, and 8 comments voted as “approve”) received through the balloting process. These comments were reviewed by the WG and resolved. The agreed upon changes were incorporated into the D3 draft revision of the standard.
6. Marcel Fortin had submitted 13 comments all of which were voted “disapprove”. Through discussion at this meeting, Marcel was satisfied with the resolution of his comments and withdrew his “disapprove” vote.
7. James Wilson has submitted 7 comments all of which were voted “disapprove”. Mr. Wilson was not in attendance. All his comments except one were accepted by the WG and incorporated into the D3 draft revision. The Chairman will formally respond to Mr. Wilson as to the WG’s decision on each of his comments.
8. The other 10 comments from balloters voting “approve” were also discussed and resolved.
9. The Chairman stated that he was going to work with Matt Ceglia of the IEEE on how to proceed with the recirculation of the D3 draft revision through the voting members, and the next steps required to publish the document.

8.4.5.3 Liquid Filled Secondary Network Transformers (C57.12.40) – Brian Klaponski, Chairman

1. The WG met on Monday, April 20, 2009 at 9:30 am with 12 members and 11 guests. Giuseppe Termini acted as the recording secretary.
2. The chairman reviewed the patent legal issue and asked whether there were any patents or patents pending that would affect the WG or standard. None were identified.
3. The minutes of the October 6, 2008 meeting in Porto, Portugal were reviewed and approved.
4. The rest of the meeting consisted of reviewing sections 1 through 5 of Draft #5 of the standard. Changes to our working draft at this meeting were recorded and highlighted in yellow in a new Draft to be called Draft #6.
5. Larry Dix gave a detail review with explanation of Section 6.2.2 – Short circuit rating discussing the significantly improved switch short circuit requirements with the intent for members to think about this part of our draft spec in preparation for the October meeting in Lombard (Chicago).
6. The Chairman stated that the rest of Draft # 5 would be reviewed at the next meeting in Lombard, Illinois and the desire is to finish our review of our working draft with the intent to try to go to ballot after the next meeting.
7. The meeting ran late and was adjourned at 11:00 am with the next meeting in Lombard, Illinois in October 2009.

8.4.5.4 Secondary Network Protectors (C57.12.44) – D.H. Mulkey, Chairman

1. The WG was not scheduled to meet.

2. The standard was published in 2005
3. Bill Wimmer volunteered to be a co-chair for a working group to either revise or reaffirm this standard
4. Dan Mulkey will work on getting a co-chair
5. This work will begin at the next meeting

8.4.5.5 Ventilated Dry-Type Network Transformers (C57.12.57)

1. The WG was not scheduled to meet.

8.4.6 Old Business

1. None.

8.4.7 New Business

1. Brian Klaponski made a motion that the chair is to request that the chair of the Transformers Committee send a letter within the next month to the Standards Association strongly requesting consistent and constant support of all of the regular meetings of the Transformers Committee meetings. This allows guidance and support of the working group chairs. This subcommittee is greatly appreciative of the support that Matt Ceglia has provided at those meetings that he has been allowed to attend. This support has made a material difference to the working group chairs.

8.4.8 Future Meetings

- The next meeting will be October 25-29, 2009 in Lombard, Illinois.