IEEE Power & Energy Society Switchgear Committee C37.20.2 Working Group Report 4-May-2009

The working group met on Monday, May 4, at 8:00AM. This is the sixth meeting of the working group.

## Patents:

IEEE-SA rules on Patents were reviewed prior to further discussions. The introductory slide, and slides #1 through #5 of the IEEE-SA Patents Slide Set (2008) were shown. The WG attendees were advised:

- The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the IEEE-SA Standards Board Bylaws;
- Early identification of patent claims which may be essential for the use of standards under development is encouraged;
- There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

The participants were provided an opportunity to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use of the standard which will result from the activity of the WG. No responses were received during the meeting regarding patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.

## Attendance:

Attendance is as shown below. 14 (of 21) WG members attended, with 4 WG member excused. 17 guests were present.

Members	Members	Members	Guests	Guests
P. Barnhart (P)	D. Lemmerman (P)	C. Schneider (A)	S. Brown (P)	A. Livshitz (P)
E. Byron (P)	F. Mayle (P)	J. Smith (P)	R. Burgaris (P)	D. Mohla (P)
V. Coletta (A)	D. Mazumdar (P)	A. Storms (P)	D. DaLaCruz (P)	R. Parthasarathi (P)
R. Cubbage (A)	A. Morgan (P)	C. Tailor (P)	P. DiLillo (P)	A. Patel (P)
P. Dwyer (P)	T. Olsen (E)	J. Toney (P)	E. Dullui (P)	T. Pellerito (P)
D. Gohil (P)	M Orosz (P)	M. Wactor (P)	L. Farr (P)	G. Schoonenberg (P)
R. Hartzel (E)	I. Profir (E)		S. Ford (P)	T. Williams (P)
	R. Puckett (E)		D. Giraud (P)	D. Yek (P)
				S. Zope (P)

P = present, E = excused, A = absent

## General:

No comments were received on the minutes of the previous working group meeting. They were reviewed and approved as distributed.

Comments were received from Daleep Mohla concerning view windows. His proposed words were reviewed and will be modified and added into Draft 3.

Task force 2: Flame testing (T. Olsen, J. Smith, A. Storms, M. Orosz, P. Barnhart, C. Ball, M. Wactor). Met via telephone conference and created a table of insulation materials and recommendations for testing. This basic table was reviewed by the group and will be distributed to all members and guests for comment.

## Harmonization with C37.100.1:

The debate over renumbering to the format of C37.100.1 continues, however, the review and referencing of passages contained in C37.100.1 is still required. Responsibility for reviewing specific clauses was assigned as follows. All interested parties are invited to submit comments or suggestions for any clauses, not restricted by the responsibilities shown below:

Clause	Subject	Responsible
1	General	M. Wactor
2	References	M. Wactor
3	Definitions	C. Schneider
		A. Storms
4	Ratings	T. Olsen
5.3	Grounding	M. Wactor
5.4	Control and secondary circuits	C. Tailor
		D. Edwards
5.10	Markings	T. Olsen
5.11 -5.19	Interlocks to X-Ray	T. Olsen
5.101-5.109	Internal fault to test cabinet	J. Smith
5.102.3.1	Barriers	D. Mazumdar
6.2-6.2.101	Dielectric	M. Wactor
6.3-6.5	Temperature rise	T. Olsen
6.6	Short-circuit	R. Puckett
6.7-6.9	Degree of protection to EMC	A. Storms
6.100	Auxiliary	T. Olsen
		M. Wactor
6.101	Mechanical endurance	P. Dwyer
6.102	Flame-resistance and track resistance	M. Orosz
6.103	Flame resistant tests for applied insulation	J. Smith
6.104	Coating test	M. Orosz
6.105	Rain test	D. Gohil
7	Production tests	C. Schneider
8.1	Unusual service conditions	D. Gohil
8.1.4.6	Seismic	R. Hartzel
8.2-8.3	System voltage and insulation	M. Wactor
8.4	Current	A. Storms
8.5 - 8.8	Short-circuit to protection and isolation	T. Olsen
10	Installation	A. Morgan
Α	Enclosure	A. Morgan
В	Bibliography	T. Olsen
added	Partial discharge	J. Smith

Draft 3 and the Flame Test Spreadsheet will be distributed by the end of May.

The meeting adjourned at 12:00PM.

Report submitted by: M. Wactor, WG Chair