



IEEE PES STATIONARY BATTERY COMMITTEE

PES Stationary Battery Committee Meeting Minutes
Monday, June 26, 2006; Charlotte, North Carolina

June 29, 2006

1. *Introductions*

Samuel Norman called the meeting to order at 08:00.

The PES Stationary Battery Committee thanks Harold Priestly for organizing the meeting and thanks ETAK for their support of the meeting.

A motion was made by Steve McCluer to accept the minutes from the January 23, 2006 Corpus Christi, Texas meeting. The motion was seconded by Harold Priestly and carried.

A few words of respect were made for Dr. Saba, a member of our committee who passed away this spring.

Of the 52 voting members, there were 35 members present. 20 guests attended for a total of 55 attendees.

2. *Standards and Working Group Status*

Angela Ortiz provided an update on the various standards.

PAR #/ WG	Subject	Chair	Last Issued	Status
450	Vented Lead Acid Maint and Testing	Clark	2003	Document under revision. Discussion this meeting. Need to reaffirm or revise by 12/2007.
484	Vented Lead Acid Installation	LaMarca	2003	Was approved and published in 2003. No action at this time. Action by 2007.
485	Lead Acid Sizing	Fletcher	1997	Reaffirmed in 2003. Par has been submitted and approved. Working group will continue next meeting.
535	Nuclear Battery Qualification	R. Beavers	1994	PAR approved 1999. Extended through 2006. Balloted – resolving comments this meeting. Re-ballot after this meeting.
1106	NiCad Installation, Maint, and Testing	McDowall	1995	Re-affirmed in 2005.
1115	NiCad Sizing	McDowall	2000	Reaffirmed in 2005. PAR for a one page amendment has been submitted.



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PAR #/ WG	Subject	Chair	Last Issued	Status
1184	UPS Battery	Patel	2006	Approved revision in 2006.
1187	VRLA Installation	Jump	2002	Published in 2002. No action at this time.
1188	VRLA Maint and Testing	Cantor	1996	Published in 2005. No action at this time.
1189	VRLA Selection	Marrero	1996	No action required until 2007. Jim McDowell to assist with formatting template.
1375	Battery Protection	Epstein	1998	No action required until 2008.
1491	Battery Monitoring	Cotton	2005	Document published. Approved PAR for revision.
1578	Spill Containment	Taylor	Draft	Has been balloted. Comment resolution this meeting. Going out for recirculation. PAR update after this meeting.
1625	Portable Computer Batteries	Layton	2004	No action required until 2009.
1635	Ventilation Document	Clark	Draft	Working Ventilation Document – Joint document with ASHRAE. Joint WG with ASHRAE this meeting. PAR is needed. Logistics were worked out to prepare joint document with ASHRAE. To meet ASHRAE requirements, document needs approval within two years. Document is progressing and will meet this week. PAR expires in Dec 2007.
1657	Technical Qualification	Ashton	Draft	Technical Qualification –WG meeting this week.
1660	Battery Cycling	Corey	Draft	Battery Cycling Applications. Draft prepared. Will discuss this meeting.
1679	Emerging Battery Technologies	McDowell	Draft	PAR approved 9/22/2005.
1725	Cell Phone Battery	Latham	Draft	Cell Phone Battery WG – work in progress



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Nuclear Power WG - Vice-Chair: Jeff LaMarca
General discussion of plant issues as well as TSTF-360 will occur this meeting.

The Battery Definitions WG – Chair: Steve McCluer
Steve reported that the group has met several times and is making progress. They will meet during this meeting in evening sessions.

Working Group Chairs should submit their drafts and minutes to the Web Master, Jim McDowall, for posting on the Web site private area.

3. *Interpretations report.*
None requested during this period.

4. *Coordination*
J. Meyers stated that the G1-311 and G1-315 standard was discussed at Intelec in Las Vegas.

S. McCluer stated that the NFPA affects batteries in the Fire Code -1 and in NEC 70E. He recommends that we should review the proposed changes to 70E. Also we will be jointly balloting our ventilation standard with ASHRAE.

The next Battcon is scheduled for the week of April 29, 2007.

5. *Technical Activities*

Panel Sessions - A discussion was held on possible panel sessions for the next meeting. After voting from a broad selection of topics, the following panel session topics were chosen:

Current Monitoring – Steve Clark as Chair.
Ground Detection – Zbig Noworolski as Chair .

6. *Site Selection Committee*

January 7 –11, 2007 – Chatanooga, TN – with Tim Bolgeo sponsoring.

Summer 2007 – Columbus, OH – Rick Tressler
Winter 2008 – Dallas, TX - Steve McClure
Summer 2008 – Chicago, IL – Kurt Uhler



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Winter 2009 – San Diego, CA – Bansi Patel

See the Web Site for more information & other possible future locations.

7. *New Business*

Angela Ortiz, Program Manager, IEEE Technical Program Development, who is now responsible for standards developed and issued by the Stationary Battery Committee, made a presentation on the IEEE process for standards development and publishing including use of the My Ballot website tool. Angela's presentation will be posted on our website.

Jim McDowell and Ramesh Desai received awards for the completion and issuance of Standard 1106 on Nicad Installation, Maintenance and Testing.

The next General PES Meeting is scheduled for July 2007 in Tampa, FL.

At this time, the meeting was recessed.

Working groups were convened for standards processing. The working groups meeting are P450, P535, P1578, P1491, P1635(WG 200), P1657,P1660, P1679, the Nuclear Power Working Group, and the Battery Definitions Working Group.

Tuesday, January 24

Working Group meetings continued.

Wednesday, January 25

Working Group meetings continued.

Thursday, January 26

Working Group meetings continued.

11:30 am: The full committee was re-opened to discuss progress of the working groups and sub-committees.



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Committee and working group progress and action items are listed in their respective minutes.

At this time the meeting was adjourned.

Respectfully submitted,
Jeffrey LaMarca



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Instructions for the WG Chair

- **At Each Meeting, the Working Group Chair shall:**
- **Show slides #1 and #2 of this presentation**
- **Advise the WG membership that:**
 - 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 disclosure of patents which may be essential for the use of standards under development is encouraged;
 - Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be essential for the use of standards under development.
 - Instruct the WG Secretary to record in the minutes of the relevant WG meeting:
 - That the foregoing advice was provided and the two slides were shown;
 - That an opportunity was provided for WG members to identify or disclose patents that the WG member believes may be essential for the use of that standard;
 - Any responses that were given, specifically the patents and patent applications that were identified (if any) and by whom.



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Slide 1

IEEE-SA Standards Board Bylaws on Patents in Standards

6. Patents

IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either:

a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or

b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

Slide 2

Inappropriate Topics for IEEE WG Meetings

- Don't discuss the validity/essentiality of patents/patent claims
- Don't discuss the cost of specific patent use
- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions, or market share
- Don't discuss ongoing litigation or threatened litigation
- Don't be silent if inappropriate topics are discussed... do formally object.

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/board/pat/index.html>.

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>