

Low Voltage Switchgear Devices (LVSD) Subcommittee Meeting  
Loews LeConcorde - Quebec City, CAN  
October 03, 2001  
Minutes

The Low Voltage Switchgear Devices Subcommittee met on October 3, 2001, with 5 members and 5 guests present. There were 3 excused absences.

Members:	P. J. Notarian N. P. McQuin	A. D. Storms N. H. Simon	S. P. Slattery
Guests:	T. W. Olsen J. Machimada	D. J. Edwards D. Gohil	P. W. Dwyer
Excused: Absent:	J. M. Jerabek M. T. Brown M. D. Sigmon S. H. Telander	G. R. Nourse D. Mazumdar R. J. Puckett H. L. Hess	W. E. Laubach A. Livshitz F. C. Teufel D. L. Swindler

- Chairman N. H. Simon welcomed the members and guests and introductions were made.
- The minutes of the meeting in Charleston, SC on May 23, 2001 were approved as distributed.

**Reports:**

- ADSCOM Committee Report: Mr. Storms reported that a maintenance team revised IEC 298 and eliminated the term metalclad from their definitions. Dave Lemmerman made a motion to protest. The Switchgear committee will write a letter of Protest. It was pointed out that the IEC ignored the issuance of C37.2 in revising their document, while we are regularly requested to consider the IEC documents in our work. Mr. Dwyer is on 17C and will be submitting comments. He suggested we get involved in IEC. Anna Bosna will compare C37.100 with IEC 694. LV will probably go the same direction.
- IEC Report (IEC 17B/WG5) Mr. Notarian summarized for the working group report included in the trip report by Mr. Philip Piqueira, which is attached.
- C37.108 Guide for Protection of Network Transformers: Mr. McQuin reported that the ballots have closed and that there were 3 negatives, which have all been resolved. A one-line example contained errors and will be corrected. The document should be ready for publication.
- IEEE SCC21: Mr. McQuin reported that IEEE P1547 Draft Standard for Interconnecting Distributed Resources with Electric Power System is currently out for ballot. The group will meet in Las Vegas in 2 weeks. They will be working on P1589 Standard for Conformance Tests Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems, the testing standard. The PAR for P1589 was approved June 14, 2001.
- C37.100.1 Common Clauses: Mr. Storms reported that the working group met on Monday. Draft 1 is out for comment to the working group. The working group is having a problem with formatting. They need to find a way to reference IEC portions or clauses without referring to the whole document. IEC references are in an informative index. They want to be out for ballot within a year.

### Working Groups:

- C37.14 (LV DC Power Circuit Breakers Used in Enclosures) (attached): Mr. Simon reported for Mr. Nourse. Mr. Nourse's report is attached.
- C37.29 (LV AC Power Circuit Protectors Used in Enclosures): No Report. Mr. Simon will contact Mr. Swindler, who has retired, and was not present, to see if he will be continuing as WG chair. If not, he will check with other WG members for a volunteer to take over.
- C37.13 (Low Voltage AC Power Circuit Breakers used in Enclosures)(attached): Mr. Edwards reported that PARS have not been submitted but will be processed. The LVSD discussed whether LV breaker BIL should be included in the revision of C37.13 and C37.27 for future harmonization with IEC. Historically this has not been included because LV devices are further down the transmission chain. What is the exposure level? Risk from lightning is not as great, but may be from switching power supplies. Small frame breakers would most likely have problems surviving passing tests. Action Working Group will check service. Have we seen failures from lightning? Mr. Edwards' report is attached.
- C37.27 (Application Guide for LV AC Non-integrally Fused Power Circuit Breakers): This document will be handled in series with C37.13. Work on C37.27 has not started, but will begin after more progress is made on C37.13.
- C37.13.1 (Guide for Low-Voltage AC Removable Elements Other than Low-Voltage AC Power Circuit Breakers Used in Enclosures): Mr. Notarian reported that the working group met on Monday afternoon with 5 members and 2 guests present. They worked on draft D7 and the submitted comments. Revisions are planned for table 1. The group affirmed that the document would only cover fused devices at this time. Other technologies could be added in the future. Mr. Notarian will incorporate the revisions, forward for editing and then send out for ballot.
- C37.26 (Guide for Methods of Power Factor Measurements for Low Voltage Inductive Test Circuits): Mr. Olsen reported that he will submit a request for reaffirmation and submit a par for revision. This will be conducted as an electronic working group. Mr. Olsen has a draft of the existing document and the IEEE template. He will reformat the draft to the new template and circulate for comment late in 2001.
- Document Status: Mr. Slattery will update the Document Status based on the minutes and WG Reports and distribute the revised document with the minutes.
- Old Business: C37.18 (IEEE Standard Enclosed Field Discharge Circuit Breakers for Rotating Electric Machinery). A survey indicates that this document is still used and its technology is current. Mr. Simon will ask for a motion 1A to reaffirm. There is no plan to revise the document.
- New Business: None
- Upcoming Meetings  
Newport, RI  
Galveston TX

April -May 4, 2002  
Fall, 2002

Minutes submitted by: S. P. Slattery  
Vice Chair