

IEEE Power Engineering Society  
Switchgear Committee  
C37.20.3 Working Group Report  
15-October-2007

The working group met Monday, Oct 15 at 8:00 am. Attendance of the members was as shown below.

|                 |                 |                  |
|-----------------|-----------------|------------------|
| C. Ball (P)     | H. Josten (P)   | T. Robirds (A)   |
| P. Barnhart (E) | S. Lapidus      | J. Smith (P)     |
| J. Baskin (A)   | A. Livshitz (P) | C. Schneider (P) |
| E. Byron (P)    | S. Meiners (A)  | P. Sullivan (P)  |
| L. Davis (A)    | T. Olsen (P)    | C. Tailor (E)    |
| L. Farr (P)     | M. Orosz (P)    | S. Toe (E)       |
| D. Gohil (E)    | A. Patel (P)    | W. VonMiller (P) |
| R. Hartzel (P)  | R. Puckett (P)  | L. Younce (P)    |
| T. Hood (A)     |                 |                  |

P = present, E = excused, A = absent

Note, Steve Lapidus, Carl Schneider and Walt VonMiller have joined the working group.

Attendance also included the guests shown below.

|             |             |             |
|-------------|-------------|-------------|
| L. Connor   | A. Morgan   | M. Schaker  |
| D. Girand   | C. Morris   | D. Smith    |
| L. Hyunkee  | P. Notarian | J. Toney    |
| C. Kennedy  | I. Profir   | T. Williams |
| F. Mayle    | N. Rassias  |             |
| D. Mazumdar | A. Ricciuti |             |

IEEE-SA rules on patents and inappropriate topics were reviewed.

Each task force had submitted their proposals. These included revisions to coordinate clauses 4 through 8 with C37.100.1, proposals to expand the standard to cover fixed and drawout circuit breakers in more detail and a proposed changes to the clauses on vibration, shocks, or tilting and seismic shock.

The working group agreed to renumber the standard in accordance with C37.100.1. The majority of the meeting was spent reviewing the proposed revisions to clause 4. Ted Olsen volunteered to examine clause 4 to determine what parts are not covered by C37.100.1 and need to be retained.

Eldridge Byron brought to the attention of the working group that steel mills no longer use gage to specify thickness. A motion was made to replace steel gauge in the standard with upper and lower limits of thickness. The motion passed. The limits have to be determined based on industry standards.

A motion was made that the working group consider methods other than paint to protect the enclosure against corrosion. The motion passed.

Format for proposed revisions to the clauses was revisited. The working group decided to use a side-by-side format with the existing text on the left and proposed text on the right. Proposed text should not include text from C37.100.1. Dates were not set for the next step which is to put proposed revisions in this format so Chuck Ball will coordinate with each task force chair.

The standing task forces are shown below.

Task Force for Clause 4, Service Conditions, & appropriate portions of Section 8, Application Guide. Section 8 may also require coordination with Annex C of 100.1. Members are shown below.

Dave Gohil (chair)

Task Force for Clause 5, Ratings. Members are shown below.

Larry Farr (chair)  
Larry Younce  
Sylvester Toe

Task Force for Clause 6, Tests, which may also require coordination with Annex F of 100.1. Members are shown below.

Ted Olsen (chair)  
Paul Sullivan  
Chuck Ball

Task Force for Clause 7, Construction & Annex A. Members are shown below.

Jerry Baskin (chair)  
Jim Smith

Task Force to investigate additional requirements for fixed and drawout circuit breakers. The members are shown below.

Chand Tailor (chair)  
Albert Livshitz  
Harry Josten  
Amit Patel

Task Force to investigate additional seismic requirements. The members are shown below.

Ron Hartzel (chair)

Open issues are shown below.

A comment was submitted regarding the difference between C37.20.3 and the conformance standard, C37.57 on the flame resistance test. 20.3 requires testing in accordance with ASTM D229-96 while 57 allows the use of class 90 V-0 material per ANSI/UL 94. It was reported that a separate task force had been formed to address this issue since it was applicable to a number of standards so the working group will wait for output from that task force.

A proposal was submitted to add a requirement for interlocks to prevent access to fuses when they could be energized by backfeed. At the spring meeting, the working group considered this an application issue. It should be included in Section 8, Application Guide for MEI switchgear, but will not be added to construction requirements.

Report submitted by Chuck Ball, WG Chair