

IEEE Power Engineering Society
Switchgear Committee
Low Voltage Switchgear Devices Subcommittee

C37.17 Working Group Report
May 9, 2005 – St. Pete Beach, FL

C37.17 working group met on Monday afternoon May 9, 2005, with 13 persons in attendance and one unable to attend but specifically requesting to be kept on the WG distribution list. The WG is without a PAR and was convened under the chairmanship of Jeff Mizener.

The required IEEE Patent Slides were presented.

Discussion Items

1. The notes and changes accumulated at the last meeting were reviewed. No changes in direction were required.
2. It was noted at the last meeting that sections 5.1, 5.2 & 5.3 were missing from the standard. A copy of the version balloted in 1996 was located and the missing text returned. It can only be speculated how this text disappeared.
3. The group resumed its walk through the current standard (1997) and noted further changes that will be required in preparation to formulating and submitting a PAR. Numerous comments and wording changes were accumulated.
4. There is consensus that the scope of the project should be to define what is meant by "Trip System" rather than "Trip Device". This would entail a change to the title of the standard.
5. There was much discussion on what is meant by "direct-acting". The problem is to put clearly into words what the group already understands this phrase to mean.
6. There is still consensus that the WG focus on the "core protective functionality" of the LV Trip Device and not become entangled in defining additional protective, information or communication functions.
7. The chapter containing archaic function descriptions will be converted to properly define the terms in current use. The older terms will be tentatively moved to a separate section for historical continuity.
8. It was discussed whether the community would be best served by splitting the descriptions of DC tripping systems off into a separate standard. It will first be attempted to logically segregate these functions into specific chapters to make them clear and easy to find.
9. It was concluded that those sections already covered elsewhere (specifically in C37.50 and C37.14) be deleted and replaced with references to those standards in the interest of eliminating redundancy. It was agreed that there were some places in the standard where a brief restatement of what is found elsewhere would make it more difficult to ignore by those interested in skirting the standard in pursuit of commercial expediency. Such a restatement would assist in protecting the user from non-conforming products.

Schedule

1. The WG will meet again in four months.

Action Items

1. Modify the working copy of the standard-under-revision so as to use the IEEE document template and take advantage of the document outlining features that this offers.
2. Write definitions of core protective functions.
3. Rewrite section on testing.
4. Establishment of an on-line collaboration system will be investigated.
5. Distribute MSWord version including comments and changes made during the meeting.

Report submitted by: Jeff Mizener
WG Chair