

MAIN SWITCHGEAR COMMITTEE MEETING
Minutes

RAMADA HISTORIC AREA
Williamsburg, VA
May 1, 1997

1. General Information
 - 1.1. Members and guests introduced themselves and stated the organization they represent. (77 Head count 71 signed in)
 - 1.2. Minutes from San Antonio were approved with corrections from Switchgear Assemblies SC [amended 1.12 1978 IEEE 4 rod gap 5.1 1A reaffirmation etc. copy attached]
 - 1.3. Membership changes - none
 - 1.4. Certificates of Appreciation were presented to the following individuals:
 - 1.4.1. Pete Dwyer
 - 1.4.2. Eric Ruous
 - 1.5. Special Plaques were presented to: Pete Dwyer. for distinguished service and Keith Gray for his past main committee chairmanship.
2. Procedural Changes
 - 2.1. The Standard Board has approved the use of electronic mail for casting ballots. Details of this are forthcoming.
 - 2.2. Balloting pool is not complete subcommittee chairmen to fax SC and WG rosters including IEEE membership #s to 908 562 1571 Linda Garjulo. The membership # is important **and** one must be a member of PES. These lists should be submitted by 5/10/97 to support the June ballot of C37.09, and C37.04.(see "HOT NEWS" for an update)
3. Attendance
 - 3.1. Roy Alexander noted that attendance at this meeting was 120 with 81 for the luncheon and 77 for the social. 21 companions were registered.
 - 3.2. Harold Hess is retiring from KEMA but will remain in Switchgear.
4. Tech Council (see ADSCOM report) Berlin meeting panel discussion and booth will be chaired by Ruben Garzon.
5. Stds Board: 5 PARs submitted for approval , and 3 requests were made for coordination. (see Keith Gray's report) there have been difficulties getting 75% return of ballots. **Commitment** to return a ballot is indicated when returning invitation to ballot forms. As a disciplinary action, failure to return 2 consecutive ballots gets you removed from the balloting pool If you want to ballot, you **must return invitations to ballot. There are no defaults.** Paper reviews aren't being done on time. for the winter power meeting,. 68% reviewed all late! Confusion about poster sessions. Papers will continue to "sprinkle in" papers are down.

6. Paper Chairman is Dean Sigmon
7. Subcommittee Meeting minutes - attached **NOTE: Only some key issues are listed in this body .**
8. Common Clause - Drive is to get document published. and initiated (see attached from Larry McCall)
9. Standards Association "McCall's personal assessment" The new "association" is not yet approved. There will be continuing discussions throughout '97. Bylaws are being developed etc. There will be no change from an administrative perspective. For Standards activities to have financial independence, fees will be imposed on individuals creating standards. Also group[organization, corporate] membership may be encouraged. Balloting pools would either be group or individual, not combinations. Most of this reorganization is going on with minimal input from the "rank and file" membership?? If you are concerned write Don Lochery standards board chair!!!
10. ER&P Bibliography of Switchgear Literature is being put on the web page. Ed Ververka will be resigning. We need prize paper chair and Fellow chair (want a fellow for this)
11. Concerning the Mexico City Meeting, Bactrim (a sulfa drug) is recommended to prevent "travelers diarrhea".
12. HVF (see attached)
13. HVS C37.39 The proposal to send The Interrupter Switch Standard on to the Standards board despite 7 unresolved negatives and a likely "veto" from the NEMA delegation to ASC C37 was not well received. Keith Gray is not in favor of submitting to IEEE until there is resolution of NEMA comments. Ray O'Leary wants the work to go forward . A motion was made and seconded to delay submission of C27.39 D13 until the NEMA negatives are resolved.
 - A motion was made and seconded to amend the above with a time limit.
 - 4 month time limit? amendment failed.
 - Next meeting? 25 v 26.
Discussion: Document worked on since 1983!! Many want a position paper on why the probability of restrike is being used as a classification of capacitor switching "quality".
 - A revised motion to Delay submission to standards board until at least the next meeting passed 22 - 16.
14. HVCB requests Switchgear to Contact IAS requesting them to include in "red book" C37.010 clause 5.17 language after it is approved. This clause covers mitigation means for "Switching Resonance". Standards board suggestion. " there should be some convenient means to get feedback include in the Standards " particularly for guides".
15. LVSD There is controversy over Vacuum contactors in LVSD. LVSD Members request that meeting dates be confirmed at least 2 years in advance !!
16. Recloser & Sectionalizer SC is considering a Name Change.

17. Switchgear Assemblies SC Asks: Has the ADSCOM Resolution of May 1991 "refer to the base document etc." ever been approved by Switchgear Main?? Response: **Having been adopted by ADSCOM makes it binding.** This issue will be revisited in the next ADSCOM meeting. Repetition of words? or only refer? or repeat?
18. Mexico City Meeting additions to our usual agenda: Sunday PM reception 6:00 - 7:00; Mon 8:00 AM 1/2 hr opening session, kick off meeting.
19. Standards Activity:
 - 19.1. Motion 1A {request to ballot IEEE and then if affirmed to instruct the IEEE delegation to ANSI C37 to vote affirmative was made and passed on the following standards:
 - 19.1.1.C37.100.1 Common Clauses
 - 19.1.2.C37.27 LV switchgear
 - 19.1.3.C37.13 LV CBs for use in enclosures
 - 19.1.4.C37.60; C37.61 (reaffirmation)
 - 19.1.5.C37.20.2 ; C37.82
20. ASC report
 - 20.1. A copy of the minutes may be found in the Liaison Reports
 - 20.2. Send comments or corrections in the minutes to Mervis Calwise at NEMA.
21. IEC (see attached)
22. STLNA (attached)
23. C92 Insulation Coordination Guide is being printed
24. High Voltage Test Techniques
 - 24.1. Mel Smith reports round robin voltage divider "STANDARD" is being circulated for calibration purposes.
 - 24.2. The next meeting is 9/2,3/97 Lake George NY.
25. CIGRE (notes from January 1997 attached)
 - 25.1. Dave Johnson: The next general meeting is in 2000 in Paris. please offer suggestions for preferential paper subjects.
26. EPRI Pat Dilillo provided a presentation on a new SF6 leak detector. This uses a Laser backscatter adsorption method. Leaks appear as dark clouds. (copy of presentation attached)
 - 26.1. The Switchgear committee is looking for a volunteer from EPRI to offer a report at future meetings.
27. NPEC Nuclear no report
28. Old Business none
29. New Business
 - 29.1. IEEE Switchgear committee's "WEB" page is still being maintained by Mietek Glinkowski. There is a concern about how to police what info gets on the site? Steve Lambert suggested a procedure be put in the operations manual to control this. His proposal is to work through the working group - subcommittee structure with the

Switchgear main Committee Chair and the Vice Chair for Papers to have final say.

- 29.2. ADSCOM agenda item : Concerning Solid state switchgear. Perhaps we could get a presentation on solid state switchgear status/ state of the art, and need for standardization.
- 29.3. Tutorial on Vacuum switchgear is proceeding.
- 29.4. ADSCOM agenda item: Harvey Bowles suggests Discussion groups --- problems on distribution voltage equipment up to 35 kV. This would be a forum for users and manufacturers to discuss problems etc. Perhaps a late Wednesday afternoon session? This format is used by the Insulated conductors Committee with great success.
30. Future Meetings:
 - 30.1. Fall '97, Mexico City, Mexico, September 28-October 3, Fiesta Americana
 - 30.2. Spring '98, Ft. Lauderdale, FL, May 3 - May 7 Radison Bahia Mar
 - 30.3. Fall '98, Calgary, Alberta, Canada September 20 - 24.
 - 30.4. Spring 1999 Charleston SC (tentative)
 - 30.5. Fall 1999 Roanoke VA or Southern California coastal area (tentative)
 - 30.6. Spring 2000 St Petersburg Beach FL (or Ft. Lauderdale) (previous vote)

Submitted by:

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Secretary, IEEE/PES Switchgear Committee

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FAX COVER SHEET

Date: March 26, 1997
To: Dean Sigmon
ABB Distribution Systems Division
From: Ted A. Burse
Powell Electrical Mfg
RE: San Antonio Minutes Correction
FAX: 803-667-5109

Number of pages including cover sheet: 1

Message:

There are two items for the approval of the minutes that I feel should be addressed.

Item 1.12 - The Switchgear Committee's position at this time should be to recommend the 1978 version of IEEE 4 for *rod gap correction factors*. (Not altitude correction as stated.)

Item 5.1 - Motion 1A was made and passed for a the ballot of the revision of C37.20.2 and C37.23. A motion 1A was made and passed for the reaffirmation of C37.21 and C37.24.

If there are any questions, please don't hesitate to call, or we can discuss it at the Williamsburg Meeting.

Best Regards,



Ted A. Burse
Switchgear Assemblies Subcommittee Chair.