

IEEE/PES Transformers Committee

Chair's Report

Oklahoma City, OK

October 20-24, 2002

1.1 Report on the Technical Council Meeting, July 23, 2002

Attendance for the Summer Meeting stood at 1838 at the time of the Technical Council Meeting.

1.1.1 Chair's Report

The following is a highlight of the report:

Future PES Meetings

Toronto, General Meeting 03	July 13 – 18, 2003
Denver, General Meeting 04	June 6 – 12, 2004

Future PES "Even Year" Meetings

A meeting was held on July 22, 2002 and Power Systems Conference & Exposition was agreed as the working title for the event. Members of the PES Power Systems Committees, PES Officers and the PICA committee attended the meeting. A steering committee was formed under the Chairmanship of John Paserba.

Power & Energy Magazine

Mel Olken, who will be the editor, introduced the new magazine with a presentation, which gave a history of the PES magazines and the concepts for the format of the new publication.

Accredited Standards Committees

John Estey gave a summary of the status of the above committees and reported on a meeting held on July 12, where industry representatives discussed future actions required. More on this subject later.

IEEE/IEC Dual Logo Standards

Terry deCourcelle reported that an interim agreement has been reached with IEC to publish dual logo standards (with IEEE and IEC logos on the cover).

Candidates consisting of IEEE standards that have no parallel work in IEC are being sought for submission.

1.1.2 Technical Council Chair Jim Harlow reported the following

IEEE Product Safety Committee

Technical committees with a product orientation may find that a new IEEE level committee, Product Safety, will provide a useful adjunct to their operations. This

committee will address product safety as a discipline. It is first targeted to the several thousand product safety professionals who focus on product safety, not particularly as part of any power equipment or other specific hardware. The goal of this committee is to create a group to stimulate discussion and focus on product safety as well as be a support group and link to product safety activities within other Societies. Those wishing additional information should contact Daniece Carpenter <Daniece_Carpenter@Dell.com>

IEEE Membership Restrictions

A spate of email communications followed my distribution of a message stating IEEE's lawyers have concluded that, as a US corporation, IEEE cannot do business with countries (or their citizens) which are on an official US sanction list. We are now advised that cool heads have prevailed, much of the original message is voided, and work is being done to develop a reasonable policy. This will be communicated as more becomes available.

IEEE Security & Privacy Magazine

The Computer Society has a new magazine *IEEE Security and Privacy Magazine*. The focus is on computers but, as has been observed many times in the elimination of *CAP*, it is getting difficult to tell what a computer is anymore since computing power is built into so much of everything we do. PES members with this interest should consider participating in this magazine as by submitting articles. It may be we (PES) should have a representative on the editorial board. Please let me know if someone in your committee should be considered for this.

ANSI Accredited Standards Committees

The IEEE-SA is withdrawing from the Memorandum of Understanding which established IEEE and NEMA as co-secretariats of the ANSI Accredited Standards Committees C37 (Switchgear), C57 (Transformers), C62 (Surge Protective Devices). This has numerous implications for the writing of standards by those committees.

PES President John Estey chaired a meeting in Washington on July 12 which was attended by 25 leaders of manufacturers, electric utilities, industrial companies, NEMA and IEEE. This group defined a preferred process for the administration of the standards activities; the matter now moves to how to transition to that process from the organizational structures that exist today. ANSI has agreed not to take any action at this time with regard to the standards in these three areas and to continue business as usual until we reach a resolution.

Stationary Battery Committee and SCC-29

The ongoing work of various battery related standards is currently conducted in SCC-29. A Standards Coordinating Committee is restricted in its activities to the writing of standards and can not participate in other functions such as a PES Technical Committee

routinely enjoys. There is at this time a ballot in process to dissolve SCC-29 and move all of the battery standards work into the auspices of the PES Stationary Battery Committee.

Respectfully submitted,

James H. Harlow

VP, Technical Activities

1.1.2 Other Related Activities

Policy Development Coordinating Committee (PDCC)

Some very timely and interesting issues on the Generation and Transmission industry trend were presented by Doug Logan. If you would like to receive a copy of Doug's presentation, write a request to me at jim.sim@ieee.org.

Emerging Technology Coordinating Committee (ETCC)

This group compiled many emerging technologies into the "First Annual Report – July 2002". If you would like to receive a copy of this annual report, write a request to me at jim.sim@ieee.org.

1.2 Transformers Committee Report to Technical Council

The following is my report to Technical Council for the Committee:

Committee Meeting Activities

Our Spring 2002 meeting was held April 14-18, 2002 in Vancouver, BC, Canada. Mr. Mike Lau of BC Hydro was our host. 280 members and guests (and 81 companions) attended the meeting.

Generally, the Committee meets twice a year - in the fall and spring (usually during the last two weeks of March or first two weeks of April; and the last two weeks of October or first two weeks of November). Our meetings are 4-1/2 days in duration that begins generally on Sunday afternoon and runs through noon on Thursday.

During the Spring 2002 meeting, we had two significant issues of general interest. The termination of the Memorandum of Understanding between IEEE and NEMA as a co-secretariat of ASC C37, C57, and C62 effective June 10, 2002 concerned many members of our Committee working on those documents jointly copyrighted by both IEEE and NEMA. The members of these Working Groups and ASC C57 Main Committee want to maintain good working relationships and are currently proceeding with "business as usual" in following the standards development process of the IEEE, with IEEE-SA PAR's in place to provide members with appropriate indemnification. Members are concerned that the final outcome of this termination may negatively impact the work in

process as well as future development of the necessary standards for the industry. The other issue is the great concern that the IEEE metrification policy as applied to product standards may cause certain safety problems. We have many "product standards" that deal with specific weights and dimensions. When these documents are converted to all metric units, there are significant possibilities that these units can be misinterpreted causing safety issues. We are working through the appropriate IEEE-SA organizations to address these issues.

Membership of the Transformers Committee currently stands at 188 members and 18 emeritus members. The regular members consist of 93 producers, 51 users, and 44 general interest. We also have one life member and one corresponding member. Our invitation list consists of approximately 500 engineers and managers in the transformer and utility industry. Attendance at our semi-annual meetings is typically near 350. Anyone with an interest in furthering the technology is welcome at our meetings. With active participation, an invitation is extended to become a member.

The Committee goals are to encourage open participation in transnationalization of transformer standards; to promote technical and educational endeavors such as panel sessions, technical presentations, peer review of technical literature on related subjects; and to support the efforts of the Power Engineering Society. In an effort of meeting one of the major goals of PES to attract more participation, the Committee has committed itself to arrange at least two technical presentations/tutorials of educational nature at each meeting. At the last meeting, we held four technical presentations/tutorials and provided PDH for those who applied. The participation and acceptance of these four events "exceeded our expectations". Most of the presentation material is available from the Committee website (<http://www.transformerscommittee.org>).

Future Meetings

Fall 2002:

October 20-24, 2002, The Renaissance Hotel, Oklahoma City, OK, USA. Contact Joe Garza, Host @ Southwest Electric Company + (713) 849-9171, fax (713) 849-3958, jgarza@ieee.org, or one of the Committee Officers.

Spring 2003:

April 16-20, 2003, Sheraton Capital Center, Raleigh, NC, USA. Contact Ray Nicholas, Host @ ABB Power T&D Company (804) 575-2133, ray.nicholas@us.abb.com, or one of the Committee Officers.

Committee Officers

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Subcommittees

Audible Sound and Vibration Subcommittee, J. Puri, Chair
Bushing Subcommittee, F. E. Elliott, Chair
Dielectric Tests Subcommittee, L. B. Wagenaar, Chair
Distribution Transformers Subcommittee, J. E. Smith, Chair
Dry-Type Subcommittee, W. F. Patterson, Chair
HVDC Converter Transformers and Smoothing Reactors Subcommittee, R. F. Dudley
Insulating Fluids Subcommittee, F. J. Gryszkiewicz, Chair
Insulation Life Subcommittee, D.W. Platts, Chair
Instrument Transformers Subcommittee, J. E. Smith, Chair
Meetings Planning Subcommittee, G. W. Anderson, Chair
Performance Characteristics Subcommittee, R. S. Girgis, Chair
Power Transformers Subcommittee, E. G. Hager, Jr., Chair
Standards Subcommittee, T. A. Prevost, Chair
Underground Transformers and Network Protectors Subcommittee, C.G.Niemann, Chair

2002 Summer Meeting Technical Sessions

The Transformers Committee is sponsoring two presentation sessions on transformers during the Summer Meeting.

Transformer Standards and Coordination Activities

The Transformers Committee takes responsibility for development and revision of IEEE Standards that fall within its scope. These Subcommittees currently have over fifty Working Groups and Task Forces preparing proposals for standards projects.

Information on these standards and projects can be obtained by visiting our WWW homepage:

<http://www.transformerscommittee.org>

Links to information on our future meeting and other information on Transformer Standards can also be found there. Our website will link you to the IEEE Standards Status Report that contains titles, abstracts, and names of contacts for each of the IEEE standards. This report is updated quarterly by the IEEE Standards Department. The status of transformer standards that are not listed in the IEEE quarterly report (either because they have been withdrawn, or they are not IEEE standards) are also included on the Transformers Committee website. The site is constantly improved by adding the committee-related items and technical information. Some of the examples of recent improvements are: posting minutes of various meetings, availability of on-line meeting reservations for upcoming meetings, an "e-mail reflector service" for efficiently sharing committee related information within the membership, a bibliography of transformer-related books and publications, technical presentations, etc.

Transformers Committee officers and Administrative Subcommittee members are also members of the USNC Technical Advisory Group to TC-14 (Transformers and Reactors). We continue to have productive meetings of the TAG at each Committee meeting.

H. Jin Sim, Chair

1.3 IEEE/NEMA MOU issue

All the background information can be found from the Committee website and also from my report for Transformers Committee. There were two "Industry Executives" meetings to resolve this issue during 2002. Current position of the Transformers Committee is that we are conducting our business as normal, following the IEEE-SA procedures. We do want to resolve this issue so that the limited resources we got can focus on technical work. IEEE's next step on this issue are:

- Recommend assigning a Task Force to work with IEEE staff to develop what's needed for Industry Executive Group
- Get input from NEMA Section
- The joint technical committees should include recommendations on how to effectively develop the U.S. position on regional and international standards
- Industry Executive Group will meet in April 2003 to review transition plan

Respectively submitted,

H. Jin Sim, Chair