REPORT OF THE IEEE DELEGATION TO ANSI ASC C57

October 14, 2001
Orlando, FL, USA

4.5.0 IEEE Delegation to ANSI ASC C57 – J. W. Matthews

4.5.1 The Delegation has responded to five ballots since the meeting in Amsterdam, The Netherlands.

Affirmative ballots were returned for the following:

- PC57.119/D14.0 Recirculation: "Recommended Practice for Performing Temperature Rise Tests on Oil Immersed Power Transformers at Loads Beyond Nameplate Ratings"
- PC57.133/D4 Rev.: "Guide for Short-Circuit Testing of Distribution and Power Transformers"
- C57.12. 31- 1996 Reaffirmation, " Pole-Mounted Equipment -- Enclosure Integrity"
- PC57.106/D6.1 Revision: "Guide for Acceptance and Maintenance of Insulating Oil in Equipment"

An affirmative ballot was also returned for the following document, but the ballot was subsequently cancelled by IEEE due to technical difficulties:

- C57.21 Reaffirmation: "IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA"

The following previous ballots were revised from abstention to affirmative:

- C57.12.32/D4 "Enclosure Integrity for Submersible Equipment"
- C57.12.57 "Ventilated Dry-Type Network Transformers 2500 kVA and Below, Three-Phase, with High Voltage 34 500 Volts and below, Low Voltage 216Y/125 and 480Y/277 Volts - Requirements"

These two ballots had been voted as abstention due to the procedural issue of lack of indemnification for IEEE working group members while developing a NEMA copyrighted document. See next item for explanation of new copyright agreement.

4.5.2 IEEE/NEMA Copyright Agreement for C57 Documents

The following announcement was received from Terry deCourcelle, Director, International Standards Programs, on May 29, 2001:

IEEE and NEMA have reached an agreement regarding the NEMA-copyrighted C57 standards.

The agreement notes that:

1) IEEE and NEMA will have joint ownership of the standards listed below.
2) IEEE, "shall have sole responsibility for the maintenance and future reaffirmations or revisions to the jointly owned C57 standards." This means the Transformers Committee can issue PARS for the revision of these standards as needed.
3) The documents will continue to also be balloted by the C57 committee and submitted to ANSI for recognition.
4) The jointly-owned C57 standards shall be designated ANSI/IEEE/NEMA C57.x.x

A big thanks to all who worked so hard to make this happen.

The standards that fall under the agreement are:

ANSI C57.12.10 -- Requirements for Transformers 230 kV and Below; 833/958 through 8333/10417 kVA Single Phase, and 750/862 through 60000/80000/100000 kVA Three Phase

ANSI C57.12.20 -- Transformers--Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller; High Voltage, 34500 Volts and Below; Low Voltage, 7970/13800Y Volts and Below

ANSI C57.12.21 -- Requirements for Pad-Mounted Compartmental-Type Self Cooled Single-Phase Distribution Transformers with High-Voltage Bushings

ANSI C57.12.22 -- For Transformers--Pad-Mounted, Compartmental-Type, Self-Cooled Three-Phase Distribution Transformers with High-Voltage Bushings, 2500 kVA and Smaller; High Voltage, 34 500 Grd Y/19 920 V and Below; Low Voltage, 480 V and Below

ANSI C57.12.24 -- Requirements for Underground Type Three Phase Distribution Transformers, 2500 kVA and Smaller, High Voltage 34500 Grd Y/19920 Volts and Below; Low Voltage 480 Volts and Below

ANSI C57.12.25 -- Requirements for Pad-Mounted, Compartmental Type, Self-Cooled, Single Phase Distribution Transformers with Separable Insulated High Voltage Connectors, High Voltage, 34500 Grd Y/19920 Volts and Below; Low Voltage, 240/120; 167 kVA and Smaller

ANSI C57.12.26 -- Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers for use with Separable Insulated H-V Connectors, H-V, 34 500 Grd Y/19 920 V and Below; 2500 kVA and Smaller

ANSI C57.12.28 -- Pad-Mounted Equipment--Enclosure Integrity

ANSI C57.12.29 -- Pad-Mounted Equipment Enclosure Integrity for Coastal Environments

ANSI C57.12.31 -- Pole-Mounted Equipment-Enclosure Integrity

ANSI C57.12.32 -- Submersible Equipment--Enclosure Integrity

ANSI C57.12.40 -- Subway and Vault Types (Liquid Immersed)--Requirements

ANSI C57.12.50 -- Distribution Transformers 1 to 500 kVA, Single Phase; and 15 to 500 kVA, Three-Phase with High Voltage 601 34500 Volts, Low Voltage 120 600 Volt, Ventilated Dry Type

ANSI C57.12.51 -- Requirements for Sealed Dry Type Power Transformers 501 kVA and Larger, Three Phase with High Voltage 601 to 34500 Volts, Low Voltage 208Y/120 to 4160 Volts

ANSI C57.12.52 -- Requirements for Sealed Dry Type Power Transformers, 501 kVA and Larger, Three Phase and High Voltage 601 to 34500 Volts, Low Voltage 208Y/120 to 4160 Volts

ANSI C57.12.55 -- Dry Type Transformers in Unit Installations, Including Unit Substations--Conformance Standard

ANSI C57.12.57 -- Ventilated Dry-Type Network Transformers 2500 kVA

4.5.3 The present roster of the IEEE Delegation to ANSI ASC C57 is as follows:

- Matthews, J. W., Baltimore, MD - Chair, IEEE Delegation
- Borst, J. D., Jefferson City, MO
- Hanus, K. S. (alternate), Fort Worth, TX
- Patel, B. K., Birmingham, AL
- Prevost, T. A., St. Johnsbury, VT
- Sim, H. J., Goldsboro, NC
- Smith, H. D., Bluefield, VA

4.5.4 The roster of the IEEE Delegation to ANSI ASC C57 **effective January 1, 2002** will be as follows:

- Patel, B. K., Birmingham, AL - Chair, IEEE Delegation
- Borst, J. D., Jefferson City, MO
- Fallon, D. J., Newark, NJ
- Hanus, K. S. (alternate), Fort Worth, TX

- Prevost, T. A., St. Johnsbury, VT
- Sim, H. J., Goldsboro, NC
- Smith, H. D., Bluefield, VA

John W. Matthews, Chair
IEEE Delegation to ANSI ASC C57 Committee