

# MINUTES

## USNC TAG SC17A: High-voltage Switchgear & Controlgear USNC TAG SC17C: High-voltage Enclosed Switchgear & Controlgear

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Place of Meeting:	WebEx and Teleconference
Dates & Times	Wednesday, 14 October 2009 9:00 AM - 10:30 AM
Presiding Officer:	Larry Farr, TA [USNC TAG SC17A] (did not join) Ted Burse, TA [USNC TAG SC17C]
NEMA Staff:	Ken Gettman 703-841-3254 <a href="mailto:ken.Gettman@NEMA.org">ken.Gettman@NEMA.org</a>

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### 1. CONDUCT OF MEETING

The meeting was conducted in accordance with NEMA *Guidelines for Conducting Meetings*.

### 2. APPROVAL OF PREVIOUS MINUTES

The minutes of the 4 May 2009 meeting of SC17A and SC17C TAG meeting were approved by correspondence. There were no comments or questions concerning the minutes.

### 3. ROSTER

There were no changes to the roster.

### 4. APPROVAL OF THE AGENDA

There were no additions to the agenda.

### 5. REVIEW OF ANY ISSUES / COMMENT DEVELOPMENT ON IEC DOCUMENTS:

Documents were reviewed for action or comments. Designated US experts are reminded that they should closely review documents developed by their respective working groups, maintenance and project teams to identify any areas of concern and to provide commentary to the TAG for consideration in development of a US position on the IEC documents.

#### **IEC - Working documents for SC 17A**

**[17A/880/CD](#)** (due 11/6/09) IEC 62271-1 A1 Ed.1: High-voltage switchgear and controlgear - Part 1: Common specifications

- It was expected that Larry Farr will develop comments for consideration as the US position.

**[17A/878/CD](#)** (due 10/30/09) IEC 62271-103 Ed.1: High-voltage switchgear and controlgear - Part 103: Switches for rated voltages above 1 kV up to and including 52 kV

- Reminder sent to US experts for responsible WG/MT, Carl Reigart and Kirk Smith, to help the TAG by identifying concerns and submitting them for TAG consideration.

[17A/877/CD](#) (due 10/2/09) IEC 62271-111 Ed.2: IEEE PC37.60 /D06, Draft Standard for Overhead, Pad-mounted, Dry Vault, and Submersible Automatic Circuit Reclosers and Fault Interrupters for Alternating Current Systems Up to 38 kV

- It was noted that this is joint work and should be proceeding.

[17A/876/NP](#) (due 9/25/09) Joint IEEE/IEC revision of IEEE C37.082: IEEE Recommended Practice for the Measurement of Sound Pressure Levels of Outdoor Power Circuit Breakers

- It was noted that this is joint work and should be proceeding.

[17A/875/NP](#) (due 9/25/09) Joint IEEE/IEC revision of IEEE C37.016: IEEE Standard for AC High-Voltage Circuit Switchers rated 15.5 kV through 245 kV

- There was concern that this project may not proceed since there were not enough experts identified by National Committees to meet the acceptance criterion – two more are needed by 25 October for the project to proceed. Members were asked to contact individuals in other countries that may be in a position to volunteer and be nominated by their National Committee to participate, regardless of the vote submitted on this document. It was suggested that individuals from S&C Electric be requested to contact others they may know and Carl Schneider volunteered to contact his French colleagues.

**IEC - Working documents for SC 17C**

[17C/457/CDV](#) (due 11/20/09) IEC 62271-206 Ed.1: High-voltage prefabricated switchgear and controlgear assemblies - Part 206: Voltage presence indicating systems

- It was suggested that these devices are used, but not widely in the US. A concern is that the devices are not suitable serve to notify installation or equipment users of the absence of hazardous voltages, and the document has text to imply this characteristic. Members considered that Voltage Presence Indicating Systems serve more as simple “on – off” indicators for switchgear.
- Carl Schneider volunteered to be designated as a US expert.

[17C/455/CD](#) (due 9/18/09) IEC 62271-203 Ed.2: High-voltage switchgear and controlgear - Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV

- No comments were submitted.

**IEC - Working documents for TC 99**

There was no discussion of the documents issued by TC99.

**OTHER SC17A AND SC17C ACTIVITIES**

The need to identify US Experts to several SC17A and SC17C working groups and maintenance teams was reviewed. Ted Burse indicated some interest in SC17C AWG21 but needed some additional time to consider the activity.

**ACTIVITIES OF IEC SC17A/MT28**

The most recent meeting was during September in Lyon, FR to address IEC 62271-101 on Synthetic Testing. Updates from other maintenance teams and from STL were discussed. It is anticipated that a new draft will be available by January 2010.

**ACTIVITIES OF PT 50 - APPLICATION GUIDE TO IEC 62271-1 AND IEC 62271-100 BASED ON CIGRE TB 304 AND 305**

The most recent meeting (attended by Kirk Smith) was conducted during September in Montreal, CA to address development of the application guide. A draft document is anticipated by May 2010.

## 6. NEW HVDC TECHNICAL COMMITTEE

It was noted that IEC Technical Committee TC115 has been established and members who are interested in participating in this activity should notify the Technical Advisor Dr. Ram Adapa at [radapa@epri.com](mailto:radapa@epri.com), or the TAG Secretary Matthew J. Ceglia at [m.j.ceglia@ieee.org](mailto:m.j.ceglia@ieee.org). Documents for this TC115 will be made available for review by the TAG members on Workspaces but SC17A and SC17C TAG members are encouraged to join the TC115 TAG if they have an interest in the subject matter.

## 7. TAG OPERATING PROCEDURE

- Staff reviewed the document distribution policy with the members.
- **NEW NEMA Workspaces** – a demonstration of new utility for posting of IEC documents and other pertinent material was conducted.

## 8. OTHER

- No additional topics were addressed.

## 9. TIME AND PLACE OF NEXT MEETING

The Spring 2010 meeting is anticipated to be held in conjunction with the IEEE PES Switchgear meeting at the Sheraton Hotel in Myrtle Beach, SC on Monday, 26 April 2010.

The Fall 2010 meeting is anticipated to be held in Las Vegas on either 28 September or 18 October, so as to not conflict with but scheduled to facilitate participation in the IEEE PES Switchgear meeting by international attendees.

## 10. ADJOURNMENT

Sincerely,



Ken Gettman

Director, International Standards

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cc: J. Caskey

## ANNEX

## Attendance

<u>MEMBER</u>	<u>ATTENDED</u>	<u>MEMBER</u>	<u>ATTENDED</u>
Bill Ackerman	Excused	J. Koepfinger	
John Angelis		Ronald Lai	
Mauricio Aristizabal	YES	Steven LaPidus	
Hanan Attia		Kevin Lippert	
Charles Ball		Albert Livshitz	
Paul Barnhart		R. William Long	
L. Ron Beard		Alan Manche	
W. J. Bergman		Donald Martin	
Sonya Bird		Frank Mayle	
Philip Bolin	Excused	Deepak Mazumdar	
Antone Bonner	Yes	Nigel McQuin	
Robert Brown	Excused	Steven Meiners	
John Brunke		Michael Mendik	
Ted Burse	YES	Peter Meyer	Excused
Eldridge Byron		Paul Notarian	
John Caskey		T. W. Olsen	YES
John Collins		Mike Orosz	
Frank DeCesaro		Iulian Profir	
Patrick Di Lillo		Lukas Rothlisberger	
Glenn Dorsey		Brian Savaria	
Denis Dufournet		Carl Schneider	YES
Ken Edwards		Ned Simon	
Larry Farr		R. Kirkland Smith	
Patrick Fitzgerald		Brian Steinbrecher	
Eric Fujisaki		David Stone	YES
Ken Gettman	YES	Lori Tennant	
David Giegel		Thomas Tobin	
Mel Hopkins	Excused	John Webb	
Chad Kennedy		Sandeep Zope	
Darrell Kirkendall			
<b><u>GUESTS</u></b>			