

# IEEE/PES TRANSFORMERS COMMITTEE

Fall 2017 Meeting; Louisville, KY

## Administrative Subcommittee Agenda

Sunday, October 29, 2017

2:00 PM – 5:30 PM

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**Chair:** Stephen Antosz    **Vice Chair:** Sue McNelly    **Secretary:** Bruce Forsyth  
**Treasurer:** Greg Anderson    **Awards Chair/Past Chair:** Don Platts    **Standards Coordinator:** Jim Graham

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### 9. ADMINISTRATIVE SUBCOMMITTEE – STEPHEN ANTOSZ

#### 9.1 Introduction of Members and Guests

The Chair called the meeting to order and asked attendees to introduce themselves and their affiliation. Consultants were asked to identify the company they were representing if they were not representing their own consulting interest. Introductions were made by members and guests.

Members and Guests Present:

|   |                         |
|---|-------------------------|
| Chair.....  | Stephen Antosz          |
| Vice Chair .....                                    | Susan McNelly           |
| Secretary .....                                     | Bruce Forsyth           |
| Treasurer/ Meetings Planning SC .....               | Gregory Anderson        |
| Standards Coordinator .....                         | (Jim Graham was absent) |
| Awards/Past Chair .....                             | Donald Platts           |
| Bushings .....                                      | Peter Zhao              |
| Dielectric Tests .....                              | Ajith Varghese          |
| Distribution Transformers .....                     | Stephen Shull           |
| Dry Type Transformers .....                         | Chuck Johnson           |
| HVDC Converter Transformers & Reactors .....        | Michael Sharp           |
| Instrument Transformers .....                       | Ross McTaggart          |
| Insulating Fluids .....                             | David Wallach           |
| Insulation Life .....                               | Sheldon Kennedy         |
| Performance Characteristics .....                   | Ed teNyenhuis           |
| Power Transformers .....                            | Bill Griesacker         |
| Standards.....                                      | Jerry Murphy            |
| Underground Transformers & Network Protectors ..... | Dan Mulkey              |

Guests: Malia Zaman (IEEE), Peter Balma (by phone, partially)

#### 9.2 Approval of Previous Meeting Minutes

The Chair asked for comments of the minutes from the Spring 2017 Administrative Subcommittee meeting. There were no comments and no objections to unanimous approval, therefore the minutes were approved.

### 9.3 Additions to and/or Approval of the Agenda

The Chair noted three items would be added under new business to the preliminary agenda that was previously distributed. There were no additional changes requested and no objections to unanimous approval of the revised agenda, therefore the following agenda was approved.

#### Approved Agenda:

1. Introduction of Members and Guests (:05) ..... All
2. Approval of Spring 2017 Minutes (:03)..... Stephen Antosz
3. Additions to and/or Approval of the Agenda (:02)..... Stephen Antosz
4. Chair’s Report (:10) ..... Stephen Antosz
5. Vice Chair’s Report (:05)..... Sue McNelly
6. Secretary’s Report & New Committee Membership Approval (:15) ..... Bruce Forsyth
7. Treasurer’s Report (:05)..... Greg Anderson

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#### *Time Check (2:45 pm)*

8. Recognition & Awards Report (:05)..... Don Platts
9. Standards Report (:20) ..... Jim Graham
10. IEEE Staff Update (:10)..... Malia Zaman
11. Meeting Planning (:10) ..... Greg Anderson
  - 11.1. Louisville Meeting Update
  - 11.2. Future Meetings

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#### *Time Check (3:30 pm) & Break (15 min)*

12. Old Business
  - 12.1. 100 Year Anniversary of Transformers Committee (:20)..... S. Antosz/P. Balma
  - 12.2. Emeritus Membership (:15) ..... Bruce Forsyth
  - 12.3. Update on China Projects (:10) ..... Stephen Antosz  
(CSEE Lead Exit, SGCC Filed PD Testing)
13. New Business (:05)
  - 13.1. Openness of Meetings ..... Stephen Antosz
  - 13.2. Webmaster ..... Stephen Antosz
  - 13.3. Approval of SC Meeting Minutes ..... Stephen Antosz

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#### *Time Check (4:35 pm)*

14. Subcommittee Reports – Roundtable (not intended to indicate order of reporting)
  - 14.1. Bushings (:03)..... Peter Zhao
  - 14.2. Dielectric Test (:03) ..... Ajith Varghese
  - 14.3. Distribution Transformers (:03)..... Steve Shull
  - 14.4. Dry Type Transformers (:03)..... Chuck Johnson
  - 14.5. HVDC (:03) ..... Mike Sharp
  - 14.6. Instrument Transformers (:03)..... Ross McTaggart
  - 14.7. Insulating Fluids (:03)..... David Wallach
  - 14.8. Insulation Life (:03) ..... Sheldon Kennedy
  - 14.9. Performance Characteristics (:03)..... Ed teNyenhuis
  - 14.10. Power Transformers (:03) ..... Bill Griesacker
  - 14.11. Standards (:03)..... Jerry Murphy
  - 14.12. Subsurface Transformers & Network Protectors (:03) ..... Dan Mulkey
15. Adjourn

#### **9.4 Chair's Report – Stephen Antosz**

Refer to Section 4.0 of the Main Minutes for a complete “Chair’s Report.”

##### *Highlights:*

- We are always looking for tutorial topics. Refer suggestions to Tom Prevost.
- A verbal call for patents is required at the beginning of all WG meetings.
- 100-year celebration plans are well underway.
- Ballot Resolution Groups (BRG): Reminder to all participants that the work of the BRG must go back to the Working Group.
- Sponsor P&P will expire in 2018. Peter Balma has started the revision process.
- FERC has asked if a specification exists for a standard transformer to assist in grid resiliency, and if not is there something PES can do about this regard. Steve asked everyone to think about the issue.
- Steve raised the issue of SC meeting minutes approval. See New Business for details of the discussion.
- Steve announced Ed teNyenhuis will be the Secretary and Paul Boman will be Treasurer starting January 1, 2018. In addition, Steve thanked Greg Anderson for serving as Treasurer for many years.

#### **9.5 Vice Chair's Report – Sue McNelly**

Refer to Section 5.0 of the Main Minutes for a complete “Vice Chair’s Report.”

##### *Highlights:*

- Upcoming Meetings:
  - T&D show in Denver, CO on April 16-19, 2018
  - General Meeting in Portland, OR on August 5-9, 2018
- T& D Paper Summary:
  - 13 papers submitted
  - 3 rejected
  - 8 approved
  - 2 under review &/or revision
  - Do not have a best paper for poster session yet
- Panel Sessions:
  - 3 proposals submitted, but we can only have one 4-hour and one 2-hour session, so one of the 4-hour sessions will likely be rejected.
- GM Papers:
  - Papers have started coming in but none have been reviewed yet
  - Notices for reviews will be sent out soon
- Transaction Papers:
  - 57 submittals so far
  - 9 have no decision as yet
  - 3 are out for editorial revisions
  - 11 have been accepted
  - No administrative rejections
  - 4 editorial rejections
  - 30 straight rejections

#### **9.6 Secretary's Report – Bruce Forsyth**

Refer to Section 6.0 of the Main Minutes for a complete “Secretary’s Report.”

*Highlights:*

- There were twelve applications for Committee Membership since the last meeting. A motion was made by Bruce Forsyth (seconded by Steve Shull) to approve all 12 applications. The motion was approved unanimously.
- SC Chairs are asked to submit their minutes not later than December 14, 2017.

**9.7 Treasurer’s Report – Gregory Anderson**

Refer to Section 7.0 of the Main Minutes for a complete “Treasurer’s Report.”

*Highlights:*

- Greg reviewed the finances briefly and noted the current balance is higher than in the past in anticipation of higher than normal costs for the spring 2018 100-year anniversary meeting.
- The Committee finds are in good shape.

**9.8 Recognition & Awards Report – Don Platts**

Refer to Section 8.0 of the Main Minutes for a complete “Recognition & Award’s Report.”

*Highlights:*

- There is a limited program for Tuesday’s luncheon.
- 2 awards for outstanding contributions will be handed out this week. Program will include:
  - Memorial for Joe Kelly
  - Recognition for new members
  - WG recognition
  - Two candidates for outstanding contributor

Steve Antosz recognized Don Platts for his 18 years of service as a subcommittee chair or officer to the committee.

**9.9 Standards Report – Jim Graham**

Refer to Section 10.0 of the Main Minutes for a complete “Standards Report.”

*Highlights:*

- Jim Graham was not able to attend the meeting. Steve Antosz briefly reviewed the standards report.

**9.10 IEEE Staff Update – Malia Zaman**

Refer to Appendix for the full PowerPoint presentation.

*Highlights:*

- WG Chairs must continue to make a Call for Essential Patent and record results in minutes.
- SGCC proposal on PD: A subcommittee has indicated it may be interested in including some info into current standards. Info was presented to SGCC but they have withdrawn their proposal.
- CSEE HV Lead Exists: One table may be of interested; SGCC was notified, but proposal has been withdrawn.
- 3 PARs on NesCom agenda for extension in December.
- 15 PARs expiring in 2018.

- 16 standards expiring in 2018; 2 do not have active PARs.
- 8 standards expiring in 2019.
- Jointly developed standards:
  - C57.15/IEC 60076-57.15 has been submitted to RevCom
  - 60076-16 is in recirculation or comment resolution
  - 60214-2 is undergoing comment resolution

### **9.11 Meeting Planning Report – Gregory Anderson**

No written report provided.

#### *Highlights:*

- Preliminary registration information indicates about 595 registrants (67 spouses and guests).
- The RFID system is in place with no major changes from previous meetings.
- We are trying some new name badges with 3 slots and 2-clip lanyards to avoid twisting.
- The Spring 2018 meeting will be held in Pittsburgh, PA on March 25-29, 2018, hosted by Dennis Blake (Pennsylvania Transformer). Dennis gave a brief overview of some of the planned activities.
- The Fall 2108 meeting location will be Jacksonville, FL. This will be another hostless meeting.

### **9.12 Old Business**

#### **9.12.1 100-Year Anniversary of Transformers Committee – Stephen Antosz / Peter Balma (by phone)**

- Slides reviewed with Peter Balma on the phone
- Location: Omni-William Penn Hotel
- Planning has been underway for many months
- Budget has been established, and so far, everything is more or less on plan
- Several IEEE dignitaries have been invited
- Craig Stiegemeier will be the MC for the banquet
- 100-year shirts available
- 100-year lapel pins will be available
- 100-year template encouraged for use
- Banquet meant to be a celebration
- Suggestion: memento; coin, glass, coaster? Magnetic coin?
- Commemorative program booklet being considered; big portion to be photographs; looking for transformer photos, old, interesting, etc.;
- Greg Anderson suggested focusing on the history of transformer standards and the committee, not transformers alone
- Need contact info for certain previous members
- Comments or suggestions to be sent to Peter
- Sue: Photo slideshow during meals, etc?

Malia asked if we have videos of previous activity chairs? Memories from past members to be read or posted?

#### **9.12.2 Emeritus Member (EM) Task Force Update – Bruce Forsyth**

Bruce Forsyth presented the results of a review of the TF review of emeritus membership. The TF members were Bruce Forsyth (Chair), Stephen Antosz, Don Platts, Sheldon Kennedy, and Steve Shull. The TF assignment was to review the current emeritus membership status and present a report on the following:

- a) Updated EM list
- b) EM qualifications
- c) Benefits of EM status
- d) Duration of EM status

#### **9.12.2.1 Updated EM List**

The current list of emeritus members includes the following 10 names:

|                  |                      |
|------------------|----------------------|
| Richard Dudley   | Donald Fallon        |
| Norman Haggerty  | Kenneth Hanus        |
| Thomas Lundquist | Bipin Patel          |
| Linden Pierce    | Georges Vaillancourt |
| Robert Veitch    | Loren Wagenaar       |

#### **9.12.2.2 EM Qualifications**

Qualifications are outlined in clause 4.1.2 of the IEEE PES TC P&P, which states (in part):

*“The Emeritus Member classification is intended to apply to individuals who have made longstanding and notable contributions to the Committee, but because of a change of personal situations are unable to attend meetings. An Emeritus Member shall have first been a member and shall have demonstrated a high level of participation and be generally recognized for his contribution. These individuals can continue to participate by reviewing and commenting on subjects in their field of expertise and are retained on appropriate and necessary committee mailing lists. Emeritus members can vote as a committee member when they attend a meeting.”*

It was the consensus of the TF that no changes to these qualifications are necessary.

#### **9.12.2.3 Benefits of EM status**

The benefits of EM status include the following:

- a) Regular meeting attendance requirement is waived
- b) Can vote as a CM when present

The TF discussed whether EMs should be counted as CM for the purpose of quorum. It was the consensus of the TF that EMs should NOT count toward quorum.

#### **9.12.2.4 Duration of EM Status**

Neither the P&P nor the O&P specify a duration for EM status. However, under the current definitions, an EM is a special type of Committee Member, and the Committee is required to maintain email and contact information for all Committee Members. This can be difficult to achieve if an EM does not register in AMS or if they do not keep their information current. After lengthy discussions and considering several options, the TF was not able to arrive at a consensus of a recommended duration of EM status.

#### **9.12.2.5 Additional Comments**

A suggestion was made to consider finding ways to include EMs in some of the administrative aspects of TC meetings, such as registration assistance or equipment coordination. It was suggested that this might be an idea for the Meeting Planning SC to consider.

After discussion a motion was made by Don Platts (seconded by Ajith Varghese) to remove the last sentence of 4.1.2 in the IEEE PES TC P&P. The motioned passed with 13 in favor, 1 opposed, and 1 abstention.

**9.12.3 Update on Chinese Projects – Stephen Antosz**

These issues were covered in the IEEE Staff Update (section 9.10).

**9.13 New Business**

**9.13.1 Openness of Meetings**

Sheldon Kennedy shared a situation where a small TF was formed to address an issue, but it was not on the schedule. Is this an issue? Stephen Antosz suggested any activity that is meeting during the regular meeting times should be on the schedule. A comment was made regarding meetings held between the spring and fall meetings. A lengthy discussion took place. There seemed to be general agreement that it is best for all meetings to be on the schedule, but challenges related to timeliness of responses and how to handle situations where a TF is formed at on meeting with a mandate to complete a task before the next meeting were raised.

Malia Zaman noted there is a Study Group Guideline that may help clarify. Stephen Antosz will review the guidelines and strive to develop a guideline related to scheduling meetings.

**9.13.2 Webmaster**

We need to accelerate our efforts to transition our website to a new platform. Sue McNelly will not be able to lead this effort. We need someone to lead this transition.

**9.13.3 Approval of SC Meeting Minutes**

During his Chair’s report, Steve raised the issue of approval of SC minutes. Bruce Forsyth noted that the SC minutes, which are unapproved, are included in the compiled version of the main meeting minutes as well as stand-alone versions on the website, and that after a few years the stand-alone versions, while not deleted, are not readily available through the website whereas the all the recorded main committee minutes are available. The question of what warrants a revision of the compiled main committee meeting minutes was raised. After a lengthy discussion it was agreed that the Secretary will add a statement at the beginning of the annex section to reflect the SC minutes are unapproved and readers should refer to future meeting minutes to learn about revisions.

**9.14 Subcommittee Reports**

| Subcommittee                            | Report/Hot Topic   |
|---|--|
| Bushings<br>(S. Shull)                  | No pressing issues submitted for inclusion in the minutes. |
| Dielectric Test<br>(A. Varghese)        | No pressing issues submitted for inclusion in the minutes. |
| Distribution Transformers<br>(S. Shull) | No pressing issues submitted for inclusion in the minutes. |
| Dry Type Transformers                   | No pressing issues submitted for inclusion in the          |

| <b>Subcommittee</b>  | <b>Report/Hot Topic</b>   |
|--|---|
| (C. Johnson)   | minutes.<br>Possible change in a WG leader.   |
| HVDC<br>(M. Sharp)   | No pressing issues submitted for inclusion in the minutes.  |
| Instrument Transformers<br>(R. McTaggart)                    | No pressing issues submitted for inclusion in the minutes.  |
| Insulating Fluids<br>(D. Wallach)                            | No pressing issues submitted for inclusion in the minutes.  |
| Insulation Life<br>(S. Kennedy)                              | No pressing issues submitted for inclusion in the minutes.  |
| Performance Characteristics<br>(E. teNyenhuis)               | No pressing issues submitted for inclusion in the minutes.  |
| Power Transformers<br>(B. Griesacker)                        | No pressing issues submitted for inclusion in the minutes.<br>One essential patent claim; working on paperwork. |
| Standards SC<br>(J. Murphy)                                  | Jerry Murphy was absent.  |
| Underground Transformers & Network Protectors<br>(D. Mulkey) | No pressing issues submitted for inclusion in the minutes.  |

### **9.15 Adjournment**

The meeting was adjourned at 5:28 PM.

Submitted by:

Bruce Forsyth,  
Secretary, Transformers Committee

December 31, 2017

Attachments (3): Annex 1 – IEEE Staff Update Presentation  
Annex 2 – Peter Balma’s Update on 100-yr Anniversary Presentation  
Annex 3 –TF on Emeritus Membership Presentation

**Annex 1**

**IEEE Staff Update Presentation**



IEEE STANDARDS ASSOCIATION 

# IEEE Standards Association

PES Transformers Meeting  
Administrative Subcommittee  
Oct 29th, 2017  
Malia Zaman

## IEEE-SA Updates

- The PES friendly IEEE-SA Sponsor Policies have been approved and distributed for use
  - Reminder that PE/Transformer Sponsor Policies : Expire in 2019
- Patent Slides discussion
  - Discussion with Staff concluded it was fine to continue to show Patent slides at registration however to;
    - Reinforce short call for patent statement at the beginning of meeting
    - Record Call for Patents in minutes of the WG
      - Rationale: Those who review it at Registration do not have context on what standard it applies to.
      - Policies state at minimum call for patents is needed therefore verbal call is mandatory
      - <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

## IEEE-SA Updates

### ▣ Asia Based PARS:

- ▣ Partial Discharge – Dielectric SC
- ▣ CSEE Std. for high voltage lead exits – Insulation Life SC

### ▣ Lead Exits PAR from CSEE

- ▣ PE/TR reviewed a published standard from CSEE who was looking for potential adoption and/or revision.
- ▣ Initially declined Sponsorship however there CSEE requested a second review for Revision which was discussed extensively.
- ▣ However only one clause, 6.3 was seen to have potential interest.
- ▣ SA has communicated with CSEE that PE/TR is not interested in revision since only one clause had potential.
- ▣ As far as PE/TR is concerned this item is closed.
- ▣ If CSEE has a new proposal they will need to revise the PAR and bring it forward.

## IEEE-SA Updates

### ■ Partial Discharge Proposal from SGCC

- ▣ PAR was initially presented at the Fall 2016 Vancouver meeting to the Dielectric Test Subcommittee (DTSC) and determined that there are other PE/TR standards that already cover the topic, indicated at least four (4) documents cover PD.
- ▣ The Admin committee had identified potential conflict and overlap with the proposed SGCC document. But stated any new or additional material (for example, related to UHV application >1,000kV) could be easily added to the existing standards, some of which are currently undergoing revision, and others would be revised in the near future.
- ▣ In recent discussions with committee members, it was identified the technology/technique on **monitoring/measuring and blocking background noise** in the proposed guide maybe of interest to the Stds. Subcom.
  - ▣ discussed bringing this up at the next Stds. Subcom. Chaired by Jerry Murphy along with Kipp Yule
  - ▣ will have an agenda item to discuss the process and timing for the revision of the IEEE C57.152 standard and the possible inclusion of the potential technology on measurement and blocking for background noise in an Annex of IEEE C57.152.
- ▣ An update was provided to SGCC, informed SA they are unable to attend the PE/TR meeting and withdrawing their request at this time.
- ▣ It is up to TR to determine how to move forward, as far as SGCC communications, this item is closed.

## IEEE-SA Updates (Cont'd)

- Expiring PARS:
  - 2017 - 3 PARS are on the Dec. NesCom agenda for extension, 2 PARS on the Dec. RevCom Agenda.
  - 2018 -15 PARs expiring, 2 are on the Dec. RevCom Agenda, 5 at Draft Dev. Stage, 7 in Sponsor blt.
- Expiring Standards in 2018
  - 16 Stds Expiring, 2 do not have Active PARS
    - IEEE 32,
    - IEEE C57.136
- Expiring Standards in 2019
  - 8 Stds Expiring

## IEEE/IEC Dual Logo Update (Active Proejcts)

- ***Maintenance of IEEE Transformer Committee Standards adopted under the IEC/IEEE Dual Logo Agreement***
  - IEEE PC57.15/IEC 60076-57-15 (previously IEC 60076-21), Guide for the Application, Specification and Testing of Phase-Shifting Transformers
    - Status – Submitted to RevCom
- ***Joint Development of standards with IEC***
  - IEC/IEEE 60076-16, Standard Requirements for Wind Turbine Generator Transformers
    - Status – Recirculation closed March 6, 2017. Currently undergoing comment resolution 2.
  - IEC/IEEE 60214-2, Tap-Changers - Part 2: Application Guide
    - Status – Sponsor ballot closed Sept 17, 2017. Currently undergoing comment resolution.

## IEEE/IEC Cont'd

### ■ IEEE C57.131 & IEC 60214-1&2

- Recap: IEEE WG wanted to adopt 60214-1
  - There is no process in place for IEEE to adopt an IEC standard
  - IEC has advised that adoptions of IEC documents are for National Bodies
  - IEEE is a global organization, and is unable to adopt the IEC document
- IEEE C57.131 WG will need to decide on next steps, some options include:
  - Reference IEC
  - Revise C57.131
  - Withdraw C57.131 (Administratively or through ballot)
  - Work joint with IEC on 60214-1 (and likely withdraw or revise C57.131)

### ■ Questions?

### ■ Contact Information

Malia Zaman  
M.Zaman@ieee.org  
732-850-6608



**Annex 2**

**Peter Balma's Update on 100-yr Anniversary Presentation**

1

# 100 YEAR CELEBRATION UPDATE



2

## Omni - William Penn Hotel



3

## Moving forward

- 100 year logo developed, various versions to be used based on application
- Logo will be used on shirts, lapel pins, PowerPoint Slides and more



4

## Moving forward

- Budget established – sufficient funding
- Inviting IEEE President, IEEE PES President, IEEE-SA President
- Two high level IEEE-SA awards have been achieved and will be presented; and hopefully we will have a new Fellow or two to recognize.
- Craig Stiegmeier will be MC for the banquet
- Banquet speaker has been selected – Don McMillian, will provide entertaining and comical presentation, contract signed



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## In progress

- Celebrations shirts have been designed, and will be distributed at both this meeting and in Pittsburgh
- 100 year Lapel pins will be distributed at meeting
- PowerPoint template to be used for all presentations and Working Group presentations
- Working with IEEE PES marketing
- Fun Awards ideas welcome



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## In progress

- Working on memento for banquet, top items at this point are Commemorative glass or Commemorative coin



7

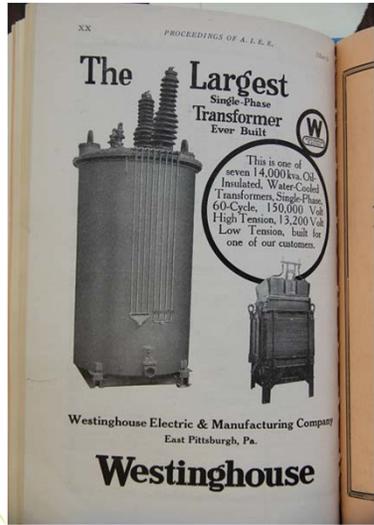
## In progress

- Commemorative Program Booklet
- Vendor contact started
- Snapshot of our history - i.e. Committee history, significant awards for our members, photographs to show the evolution of the transformer to today
- Need photographs that we have permission to use with one sentence describing the picture
  - First transformers, Oldest transformers, one of a kind transformers
  - Unique transport, first moved by Schnabel car
  - Milestone transformers e.g. highest voltage, largest size, major technology change
  - Pictures with people are always great for they give a sense of size and sometimes age (i.e. dress of the time, or vehicles, or horses)
  - Some old core & coil pictures might be interesting



8

## For Example







9

## Associates & Contact Information?

- Anyone in contact with:
  - Bob Veitch
  - Leo Savio
  - Ken Hanus
  - John Borst
  - Ray Bartnikas
  - Leonard Long
- Anyone have contact information for:
  - Harold Light – Niagara Mohawk
  - Carl Hurty –Bechtel



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## Questions or Suggestions?



**Annex 3**

**TF on Emeritus Membership Presentation**

1

# TF on Emeritus Membership

Fall 2017 AdCom Presentation

Presented by  
**Bruce Forsyth**

TF Members

|                        |                    |
|------------------------|--------------------|
| <b>Steve Antosz</b>    | <b>Don Platts</b>  |
| <b>Sheldon Kennedy</b> | <b>Steve Shull</b> |



2

# TF Scope

- The TF assignment was to review the current Emeritus Membership status and present a report on the following topics:
  - Updated EM list
  - EM qualifications
  - Benefit of EM status
  - Duration of status



3

## Updated EM List

- The 10 current EMs are as follows:
  - Richard Dudley
  - Donald Fallon
  - Norman Haggerty
  - Kenneth Hanus
  - Thomas Lundquist
  - Bipin Patel
  - Linden Pierce
  - Georges Vaillancourt
  - Robert Veitch
  - Loren Wagenaar



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## TF Scope

- The TF assignment was to review the current Emeritus Membership status and present a report on the following topics:
  - Updated EM list
  - **EM qualifications**
  - Benefit of EM status
  - Duration of status



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## EM Qualifications

- The IEEE PES TC P&P states:
- **4.1.2 Emeritus Membership**
  - The Chair, with the concurrence of the Administrative Subcommittee, may designate members as Emeritus Members.
  - The Emeritus Member classification is intended to apply to individuals who have made longstanding and notable contributions to the Committee, but because of a change of personal situations are unable to attend meetings. An Emeritus Member shall have first been a member and shall have demonstrated a high level of participation and be generally recognized for his contribution. These individuals can continue to participate by reviewing and commenting on subjects in their field of expertise and are retained on appropriate and necessary committee mailing lists. Emeritus members can vote as a committee member when they attend a meeting.



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## EM Qualifications

- **Question:** Are qualification changes required?
- **TF Recommendation:** No



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## TF Scope

- The TF assignment was to review the current Emeritus Membership status and present a report on the following topics:
  - Updated EM list
  - EM qualifications
  - **Benefit of EM status**
  - Duration of status



8

## Benefits of EM Status

- Regular attendance requirement is waived.
- Can vote as a CM when present.
- **Question:** Does EM count as CM for purpose of quorum?
- **TF Recommendation:** No.



9

## TF Scope

- The TF assignment was to review the current Emeritus Membership status and present a report on the following topics:
  - Updated EM list
  - EM qualifications
  - Benefit of EM status
  - **Duration of status**



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## Duration of EM Status

- Neither the P&P nor the O&P specify a duration.
- EM status requires maintaining email and contact information.
  - This is an indemnification requirement, not just a TC convenience.
  - TC uses AMS for contact information. If an EM is NOT registered in AMS we have no contact information.
- **Question:** What is a reasonable term?
- **TF Recommendation:** TBD



## Additional Comments

- A suggestion was made to find ways to involve EMs in the administration of TC meetings.
  - Registration?
  - Equipment?
  - Other?
- It was suggested this might be an idea for the Meeting Planning SC to consider.



**Thank you!**

