

IEEE/PES  
Nuclear Power Engineering Committee (NPEC) Meeting  
Meeting Minutes: N17-01

Wednesday February 8, 2017  
DoubleTree Hotel, New Orleans, Louisiana

Meeting Time 8:00 AM-4:00 PM  
Meeting Room: Madewood A&B  
Meeting Fee: \$ **80** for NPEC Members (includes lunch)  
\$ **80** for Guests (includes lunch)

1. **Call to Order** T. Koshy

Corium was met.

2. **Introductions, Approval of Agenda and  
General Remarks** T. Koshy

Completed

3. **Welcome & Opening Remarks** T. Koshy

Tom recognized special guest from IEEE SA

The changes to the agenda included additional presentations.

A motion was made to approve the agenda – Ken Miller, Second – Daryl Harmon. The agenda was approved.

Tom mentioned the possible addition of training on Monday from 4 – 6 pm, during each of the NPEC meeting. A request was made to determine the desire to have the presentations. There was a comment made to move the meeting to Tuesday. Tom accepted the recommendation. The training will be moved to Tuesday night, 4 – 6 pm.

4. **Chair's Report** T. Koshy

4.1 ADCOM Meeting Summary

Tom discussed the desire and needs of IEEE to respresnet IEEE as a global organization. A recommendation was made to the USA concentric terminology to reflect this gobal ojectives. John Disasaway will be developing the new P&P manual. The new document should be available by the July meeitng. Tom also mentioned that the P&P

manual is being removed from the website. John D. required that any know changes or special needs hould be provided to him so they can be addressed in the new P&P.

5. **Secretary's Report**

J. White

5.1 Review and Approval of Previous Meeting Minutes

There are no other comments or changes. Motion – Ken miller, Second- Tom Crawford, Approved

5.2 Status of Action Items

**Action item:** J. White / J. Haasz – Interface the IEEE Educational group to determine if we can use tailored programs spectically designed for colleage students.

**Action Item:** J. White / M. Zaman - Investigate if it is possible to provide standards to university.

5.3 Reptile Fund

Current Balance - \$1500

6. **Vice Chairman's Report**

D. Harmon

6.1 Meetings Schedule

17-02 – Buffalo, NY. Marriott, July 17 – 19

Marion Has provided addditional funding support – Thank-you for your Support.

18-01 – New Orleans, LA. January ?????

If any company or organization would like to contribute to future meeetings. The support would be appreciated.

6.2 Honors & Awards

M. Bowman

Outgoing subcommittee Chairman were awarded to SC2 and SC6 for past Chairs. The SC2 awards will be presented at the Fall 17-02 meeting.

WG 2.1 received the Working Group of the year.

Bob Waters Received the Distinguished Service Award.

Dr. Karrar received the Technical Committee Prize Paper Award at the 2016 PES meeting.

7. **Technical Presentations**

7.1 IEEE SA Governance Overview: NesCom

L. Weisser

Presentation on NPEC website

7.2 IEEE SA RevCom Review Process K. Evangelista

Presentation on NPEC website

7.3 IEEE SA Fellowship Program J. Hassz

It was noted that the title should be the “IEEE SA Fellowship” not “IEEE Fellowship”. This change was made in the title of the Presentation.

Presentation on NPEC website

7.4 US Tags/IEC Technical Committee M. Zaman

Presentation on NPEC website

7.5 IEEE/IAEA Practical Arrangements M. Zaman

Presentation on NPEC website

7.6 On-site Low Voltage Determination of Zero Sequence Impedances for Station Auxiliary Transformers Dr. A. Karrar

Presentation on NPEC website

~~7.3~~

## 8. Previews/Work in Progress:

8.1 P650 Preview ~~(to be confirmed)~~ ~~S.~~  
Channarasappa

Yes – 33, No – 00, Not Present – 1, Abstain - 00

8.2 P603 Preview ~~(to be confirmed)~~ R.  
Beacom

A comment was made to revise IEEE 603, clause 5.16. Within the section the phrase regarding assessment to vulnerabilities. The phrase “sufficient diversity and defense-in-depth exists such that” will be removed. This was revised within the presentation.

Informative Annex B of IEEE 603 will have its contents deleted and replaced with a selection of reference documents.

Yes – 31, No – 00, Not Present – 3, Abstain - 00

**9. Nuclear Standards Activities**

P. Yanosy

9.1 Status of Balloting/ Standards Schedule

Attachment on NPEC website

9.2 Previews/Work-in-Progress Reports for N17-02

None

**10. Technical Presentations**

10.1 Standards Development Organizations. – Utility Executive Coordination Meeting  
Report D. Harmon

Presentation on NPEC website

**11. New Business**

11.1 New Subcommittee Officers for 2017 - 2018?? T. Koshy

Chair – T. Koshy, Vice-Chair - D. Harmon, Secretary – J. White

**12. Subcommittee Reports:**

12.1 SC2 E. Mohtashemi

IEC/IEEE 60780/323 was issued in July 2016. IEC/IEEE 62582-6 is in process. Other standards are in process. There is no action on IEEE 334. Other standards in which SC2 is responsible had status provided.

12.2 SC3 Y. Williams

A status of standards under SC3 was provided. IEEE 1618 is in the process of being issued. Other standards in which SC3 is responsible had status provided.

12.3 SC4 M. Bowman

There meeting had 27 voting members and 10 guests. There are 45 current active members. SC4 is responsible for 12 active standards and has 6 active PARS. The status of the PARs was provided.

12.4 SC5 D. Desaulniers

A significant restructuring of SC5 is occurring. The overall structure was presented to AdCom.

12.5 SC6 R. Beacom

SC6 has 7 existing standards, 2 active PARs and 1 PAR in development. An overall status of the current activities and standards was provided.

**13. Liaison Reports:**

13.1 NRC K. Miller

Report on NPEC website

13.2 MDEP W.Odess-Gillett

Presentation on NPEC website

13.3 Risk Coordinating Committee Report  
Liming

J.

In 2016 the Risk Coordinating Committee was dissolved and transfer to the Joint Committee on Nuclear Risk Management.

13.4 ASME

Y. Williams

Presentation on NPEC website.

13.5 IEC

J. White

G. Johnson will be replaced as chair of N45A in May of 2017. IEEE 344 will be the next joint logo, development of the PAR and co-ordination with IEC is in process. IEC/IEEE 62582-6 is currently being circulated within IEC.

13.6 NEI

S. Hutchins

**14. Recap of Action Items**

J. White

**Action items** – T. Koshy – Standard template for SC reports.

**Action Items** – J. White / M. Zaman - Address G. Johnson comments. Gray to provide

**Action Items** – M. Zaman – Research and address the original charter agreements that were made that were made to create NPEC.

**15. Adjournment**

T. Koshy

The meeting adjourned at 3:00 pm.

**NPEC Open Action Items (from N16-02 Meeting)**

Action Item No.	Assigned To	Description	Due	Status