

IEEE/PES
Nuclear Power Engineering Committee (NPEC) Meeting Minutes
N21-02
Thursday July 15, 2021, 1:00 PM - 5:00 PM
Location: Mystic, CT – Hilton Mystic

NPEC Officers (2021-2022)

Chair: John White
Vice Chair: Mark Bowman
Secretary: Robert Konnik
Treasurer: Keith Bush
Standards Coordinator: Suresh Channarasappa
Awards Chair: Ken Miller

1. Call to Order J. White

The hybrid meeting was called to order at 1:00 pm EST. The Chair informed the attendees of the necessary meeting etiquette and other basic ground rules for the meeting.

2. Introductions, Approval of Agenda and General Remarks J. White

Due to the number of virtual attendees only a roll call attendance of NPEC members was taken. Attendees name and affiliation could be seen the on screen. There were about 64 registered participants.

A roll call was taken to establish a quorum. Thirty-five (35) out of forty-four (44) total members were present. A quorum was thereby established for the hybrid meeting (79.5%).

The proposed agenda was reviewed by the Chair. A motion was made to approve the agenda (T. Koshy, 2nd: T. Crawford). The motion passed (unanimous).

3. Welcome and Opening Remarks J. White

John thanked everyone for attending and had special thanks for CableLan who sponsored the lunch and RSCC who sponsored the social. John also thanked Mark Bowman and Eric Rasmussen for coordinating this event and for the ingenuity to cut the \$8000 AV cost for a hybrid meeting to something we could manage. John also noted Christian Orlando was here who has taken over for Malia Zaman as the IEEE representative.

4. Chair's Report J. White

4.1. ADCOM Meeting Summary

The chair discussed several items from the ADCOM meeting including:

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1. After much debate that considered both sides it was decided that for the next year and a half meetings would be held in person except for international people where there is a travel restriction based on Covid 19 and if it is technically and financially feasible for NPEC to accommodate a hybrid meeting. If NPEC is not able to accommodate the hybrid meeting then absence would not count against attendance requirements.
2. Explanation was provided about the conditional previews that will be voted on after the meeting.
3. All subcommittee chairs will need to develop a list of standards that they want the NRC to update regulatory guides (or new RG) with a reason and their priority. This is needed in the next 2 months to support a letter to the NRC.

5. Secretary's Report

R. Konnik

5.1. Review and Approval of Previous Meeting Minutes

Robert presented a final review of the N21-01 meeting minutes to those in attendance. A motion was made to approve the minutes (D. Harmon, 2nd: T. Koshy). The motion passed (unanimous).

- 5.2. Status of Action Items – No open action items. Reminded everyone who has not already done so to send the form back that states if you want to continue as a member of NPEC. Please return even if you do not want to be a member (just check the appropriate box). The requirement to sign the form was waved because of Covid. Another copy was sent to people who had not returned the form.

6. Vice Chairman's Report

M. Bowman

6.1. Meetings Schedule

The Vice Chair discussed the hybrid meeting and challenges associated with this and the provided the plans for future in person NPEC meetings:

N22-01: Meet with PES JTCM January 9-12th, 2022: Hyatt Regency Orange County, Garden Grove, CA. Note, this meeting is usually 5 days, but only showing 4 days this time. If can go Monday to Thursday Mark will do this, otherwise it is Sunday to Wednesday. Generally, \$130-160 fee, but includes breakfast and one dinner. Looking for technical presentations for the next meetings.

N22-02: Possibly in Tennessee (Chattanooga or Gaithersburg) July 18-21, 2022
TVA presentations and possible tour of simulator with TVA sponsoring.

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7. Honors and Awards

K. Miller

The Awards Chair provided information on awards. The four awards for past chairs were reviewed:

Daryl Harmon NPEC Chair, Jonathan Cornelius SC2 Chair, Tom Crawford SC3 Chair, Ken Miller SC4 Chair, and Rufino Ayala SC6 Chair. Awards are on order and will be presented at the 22-01 meeting.

8. Treasurer's Report

K. Bush

Treasurer reviewed the information shown below and it was noted that \$1428 is owed to John White for 20-01 final bill that will be reflected in the next update. There were some people that had trouble paying. Will determine what to do next meeting. There were 64 people registered and with the sponsors help and the creativity of Mark Bowman for the AV equipment we purchased, should make out OK for this event.

N21-01 Opening Balance \$ 9,890.86

N21-01 Income:

Credit Cards:	\$0
Cash:	\$0
Total:	\$0

N21-01 Expenses: **\$0**

N21-01 Gross Income: \$0

Fees & Interest Jan-May 2021:

Credit Card:	\$200
IEEE Banking:	\$0
Interest June-Dec 2020:	\$15.30

N21-02 Opening Balance: \$9,706.16

9. Previews/Work in Progress

9.1. Conditional Preview IEEE 1682

Jan Pirrong

Presentation given by Jan Pirrong that will be on imeet central. It was explained that the standard had been sent to NPEC, but the 30 day review period had not been reached yet for comments, but once that occurs the ballot will be done electronically. There were some questions on the presentation and a discussion on ballot procedures.

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9.2. Preview IEEE 1786 Jeffrey Joe

Presentation given and Jeffrey Joe requested to proceed to ballot. There was some discussion and then a roll call vote was taken which passed with 91% affirmative.

9.3. Conditional Preview IEEE 334 Whit Ward

Presentation given and it was explained that the vote would occur later once NPEC has a 30 day review.

10. Technical Presentations

None for this meeting, but Call for Personations for next meeting.

11. Nuclear Standards Activities

S. Channarasappa

11.1. Status of Balloting/ Standards Schedule

The Standards Coordinator provided the Standards Status Report for review which will be put in imeet central. This report shows the status of each NPEC standard, including lifecycle, PAR lifecycle, and the expected schedule for future previews and ballots. The Standards Coordinator discussed the overall state of NPEC standards, focusing on any standards or PARs that are in jeopardy of expiring near-term. It was noted that there were no new pars approved at ADCOM this meeting.

11.2. Previews/Work-in-Progress Reports for N 22-01

The Standards Coordinator provided the expected schedule for future Previews and Works-in-Progress including IEEE 338, IEEE 420, IEEE 649, IEEE 833, IEEE 845, and IEEE 62582-3. It was noted that if you have a preview or work in process for the next meeting you should contact S. Channarasappa.

12. Old Business

12.1. None

13. New Business

12.1 None

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14. Subcommittee Reports*

- 14.1. SC-2 E. Rasmussen
- 14.2. SC-3 T. Crawford
- 14.3. SC-4 M. Staskiewicz
- 14.4. SC-5 D. Desaulniers
- 14.5. SC-6 C. Lamb

* Subcommittee chairs gave a brief verbal report and written reports will be available through iMeet Central.

15. Liaison Reports*

- 15.1 NRC K. Miller
- 15.2 CNRA W. Odess-Gillett
- 15.3 IEC G. Johnson
- 15.4 ANS R. Wood

* Liaisons gave a verbal report with the full liaison reports being provided as written reports or presentations that will be available through iMeet Central.

16. Recap of Action Items

R. Konnik

One new action item as noted below was reviewed.

17. Adjournment

J. White

The meeting was adjourned a little after 4:00 pm (T. Koshy, 2nd T. Crawford).

NPEC Action Items (following N21-02 Meeting)

Action Item No.	Assigned To	Description	Due	Status
N21-02-01	SC Chairs	Provide list of standards that need RG or updates, why they should be done and priority to John White who will send a letter to the NRC on priority of standards for regulatory guides.	N22-01	Open