



**IEEE SUBCOMMITTEE ON QUALIFICATION
IEEE/NPEC/SC 2 Meeting 12-1
South Point, Las Vegas, NV**

Meeting Minutes

IEEE SC2 May 22, 2012

A. BUSINESS

1. **Call to order** *J. Gleason*

 2. **Introductions, Approval of Agenda** *J. Gleason*
 - 2.1 Roll Call Fred Roy
- Roll call by Fred Roy, acting for Tom Koshy - quorum reached
- 2.2 Identification of Guests J. Gleason
 - 2.3 Approval of Agenda and General Remarks J. Gleason

Approval of Agenda — Motion by Jan Pirrong and second by Jim Parello passed

2.4 Theme: What are the Fukushima actions being implemented or planned by regulators and how do these Fukushima actions impact qualification standards?

3. **Secretary's Report** J. Gleason for *T. Koshy*
 - 3.1 Approval of Previous Meeting Minutes (SC-2/11-1)
- Approval of previous meeting notes - Accepted — motion by Robert Francis and second by Steve Sandberg — unanimous approval
- 3.2 Status of Action Items (None)
 - 3.3 Status of SC 2 Membership 2012- 57 Members (9 Countries)
 - 3.4 Report of SC 2 Financial Status/Alligator Fund \$1739.12

4. **Chairman's Report** *J. Gleason*
 - 4.1 Summary of SC 2 ADCOM
 - 4.2 Summary of NPEC Meetings (N12-1)

5. **Vice-Chairman's Report** J. Gleason for *J. White*
 - 5.1 Meeting Schedule



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Jim Gleason discussed the 2013 meeting in China. SNERDI has offered to host a meeting in China for 2013. Mr. Dou of SNPTC offered that the October/November time frame would be best and would provide some potential dates.

Since that meeting would be the second meeting for 2013, alternatives for the Spring meeting were discussed. QualTech NP offered to host the meeting in Cincinnati.

12-2 IEEE Nuclear Power Engineering Committee will meet (N2012-2 meeting) at Sheraton San Diego Hotel & Marina, 1380 Harbor Island Drive, CA 92101 from July 23-25, 2012 (Monday-Wednesday). The negotiated room rate is \$ 133 (single/double). This rate will also be honored 3 days pre/post the meeting dates. Self Parking is \$ 22 per night. Complimentary shuttle service will be provided to travel from the airport to Sheraton Hotel & return.

- 13-1 Cincinnati, Ohio sponsored by Qualtech NP
- 13-2 Shanghai China to be hosted by SNERDI, Shanghai

The elimination of the third 2012 meeting based on need as discussed in the AdCom meeting presented by the chair.

6. Preview

6.1 SC 2.6: C37.98 (Relays Seismic Qual) *S. Channarasappa/ M. Nemier*

Motion for SC2 to review and comment on draft by 6/15, a summarized response be prepared and sent to SC2 member, SC2 to electronically ballot on or about 6/22 to send the draft on to NPEC – motion made by Marie Nemeier, second by Jim Parelo, passed

6.2 SC 2.2: IEEE 344 (Seismic Qual) J. Parelo

Motion to submit to NPEC – motion made by Jim Parelo, second by Robert Queenan, passed (34 for, 2 against)

B. Working Group and Liaison Reports

- | | | |
|----|---|------------------------------------|
| 1. | SC 2.1: IEEE Std. 323 (Electric Equip EQ) | <i>J. Gleason</i> |
| 2. | SC 2.2: IEEE Std. 334 (Motors) | <i>J. Dean, B. Newell</i> |
| 3. | SC 2.3: IEEE Std. 382 (Valve Operators) | <i>E. Mohtashemi</i> |
| 4. | SC 2.4: IEEE Std. 383 (Cables) | <i>J. White</i> |
| 5. | SC 2.5 IEEE Std. 344 (Seismic) | <i>J. Parelo</i> |
| 6. | SC 2.6: C37.98 (Relays Seismic Qual) | <i>S. Channarasappa, M. Nemier</i> |
| 7. | SC 2.10: IEEE 627 (Overall EQ) | <i>D. Horvath</i> |
| 8. | SC 2.11: IEEE Std. 572 (Connectors) | <i>F. Roy</i> |
| 9. | SC 2.13: IEEE Std. 650 (Battery Chargers) | <i>D. Dellinger</i> |



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|-----|---|---------------------|
| 10. | SC 2.14: IEEE Std 649 (Motor Control Centers) | <i>R. Francis</i> |
| 11. | SC 2.15: IEEE 1682 (FO Cable Qual) | <i>J. Pirrong</i> |
| 12. | EPRI Liaison Report | <i>C. Abernathy</i> |
| 13. | ASME Liaison Report | <i>G. Schinzel</i> |
| 14. | NRC Liaison Report | <i>M. McConnell</i> |
| 15. | IEEE/ASME NQA-1 Liaison Report | <i>N. Burstein</i> |

C. UPDATES and Presentations

1.	AREVA EPR	N. Burstein, AREVA
2.	Westinghouse AP1000	S. Channarasappa, Westinghouse
3.	ABWR/ ESBWR	E. Mohtashemi, GEH
4.	CHINA Nuclear Power Program	Y. Dou, SNERDI
5.	Czech Republic Nuclear Power Program	M. Tengler, Stevenson Associates
6.	GEH ESBWR/ABWR EQ Program Update	E. Mohtashemi, GEH
7.	Activities for enhancement of instrumentation system against the severe accident	IPPEI UEYAMA, The KANSAI Electric Power Co.,Inc
8.	NRC	M. McConnell, NRC
9.	Fukushima Daiichi Ongoing Lessons Learned	J. Gleason, GLS

D. EVENTS DISCUSSION

I. Vendor Updates

Vendors Present

E. WRAP-UP

1. Old Business
2. New Business



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New action item 12-1-1: NWBN/NRC Letter on molded case circuit breaker dedication

Motion to review letter to determine any impact on implementation of 344 (and other qualification standards) – motion made by Jim Parelo, second by Fred Roy, passed (one abstain)

3. Next Meeting
4. Adjournment



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Agenda

IEEE Working Group Meetings, Monday May 21, 2012 8:06 AM to 3:30 PM

The Following Working Groups are scheduled to meet:

- WG 2.1 IEEE Standard 323 Qualification - Chairman J. Gleason
- WG 2.3: IEEE Standard 382 Valve Operators – Chairman E. Mohtashemi
- WG 2.6: C37.98 Relays Seismic Qualification- Chairman S. Channarasappa/ M. Nemier
- WG 2.13: IEEE Standard. 650 Battery Chargers- Chairman D Dellinger
- WG 2.15: IEEE Standard 1682 Fiber Optic Cable Qualification- Chairman J. Pirrong
- WG 3.4: Aging Assessment - Chairman R. Steinman

WG 2.1 IEEE Standard 323 Qualification

- Condition Monitoring by Kjell Spång, Jim Gleason
- IEC/IEEE Joint Logo by Nissen Burstein
- Severe Accident Qualification by Jim Gleason

IEEE SC 2 ADCOM 3:11 PM

IEEE Subcommittee 2 Meeting, Tuesday May 22, 2012 8:02 AM to 3:02 PM

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 - 2.4 Theme:** Fukushima actions impact on qualification standards

3. **Secretary's Report** *T. Koshy*
 - 3.1 Approval of Previous Meeting Minutes (SC-2/11-2)



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12-3 Potential meeting in San Antonio

13-1 Shanghai China to be hosted by SNERDI, Shanghai

6. **Preview**

- 6.1 SC 2.6: C37.98 (Relays Seismic Qual) *S. Channarasappa/ M. Nemier*
- 6.2 SC 2.5: P344 (Seismic) *J. Parello*

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