

SC-3 WG 3.4 23-09 Meeting Agenda October 27, 2023 2 PM to 3 PM EDT WebEx

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1. Call to Order
Rebecca Steinman called the meeting to order at 2:05 PM EDT.
2. Roll Call Quorum (6) met (8 of 11)
3. IEEE Patent and Copyright Policy Review, slides attached
4. Approve 23-05, 23-06, 23-07, 23-08 Minutes – Deferred
Rebecca explained that the
5. Review Previous Action Items
 - i. **ALL**. Evaluate content of EPRI NP-1558 Rev 1 (3002018283), Activation Energy Use & Verification, activation energy may require changes to the standard. ALL team to consider the issues as we review the Annexes.
 - ii. **Rebecca**. Report on NPEC change in approach to titles for standards.
Due: After AdCom 23-2 meeting minutes published.
 - iii. **ALL**. Consider change title from “...Facilities” to “...Nuclear Facilities.”
ALL be prepared to discuss at the next meeting.
Prepare PAR revision ahead of the January NPEC meeting.
6. Finish Review of Annex A
Polymer table (Table A.1-Polymers) complete
Ed Mohtashemi had comments related to radiation (A.2) Beta damaging to non-metallic at significant levels, need to consider heat equivalent a significant level.
Ed Mohtashemi – (A.2) for mechanical, need to consider acoustic vibration. Not sure it belongs in a table. Vibration sources are discussed in other standards. (7.8, inspection I) “(normal and abnormal operations)”
Ed Mohtashemi – A.3 on Neutron, converted to Gamma for measurement, testing would best be discussed in other standards
Suresh Table A.3 – no specific comments, Tom Koshy noted DOE proposes review of conditions of old equipment for seismic issues. No specific comments.
George Ballassi/George Kyle – No additional comments.
Annex A complete
7. Review Annex B
Chris Abernathy – “useful life” as opposed to “service life” is first discussed in this Annex and should be either replaced or defined. Agreed it should be changed to “service life.” Rebecca performed a universal search and replace for this term in Annex B.
B.2.b) add dose and dose rate.

B.2.d) Boric acid is considered a chemical exposure.

B.2.1 – Thomas Koshy, should we discuss specific organic material, as relates to electrical equipment. No need to add the details.

B.2.2, B.2.3, B.2.4, B.2.5 – look to be okay the way the way they are.

B.2.6 Water/steam spray or leakage. (needs to be changed globally) Rebecca to address this edit post-meeting and provide revised file to WG members via iMeet.

B.3.1 – no comments

B.3.2 – Thomas Koshy - European plants use automated techniques (continuous monitoring) could be valuable, added an e.g.

B.3.3 – no comments- Ed will make suggestion for acoustic vibration monitoring. (Action Item)

Suresh “ambient and peak seasonal.”

8. New Information

9. New Action Item Recap

- a. Ed Mohtashemi to review standard and provide suggestion for how to address acoustic vibration in 1205.

10. Upcoming Meetings

- a. NPEC meeting with PES in New Orleans, LA January 8-11, 2023. Does this WG want to meet late Monday 1/8/23 afternoon, say 3-5 pm?
Yes, Rebecca will schedule WG 3.4 as a hybrid meeting on Monday afternoon.

11. Adjourn

Meeting adjourned at 3:11 pm EDT.

WG 3.4 October 27, 2023 Meeting Attendees Roster

Members:

Name	Affiliation	Voting?	Present
Rebecca Steinman	Self/Constellation	Y	x
Suresh Channarasappa	Westinghouse	Y	x
George Kyle	Self	Y	x
Chris Abernathy	TVA	Y	x
George Ballassi	GD/Electric Boat	Y	x
James Gleason	Self	N	
Steven Graham	Duke Energy	Y	x
John Kickhofel	Apollo+ Nuclear	N	
Robert Konnick	Marmon Innovation and Technology	Y	
Tom Koshy	DNSFB	Y	x
Jacob Kulangara	DOE/NASA	Y	x
G. Singh Matharu	NRC	Y	
Ed Mohtashemi	Self	Y	x
Khoi Nguyen	NRC	Y	
Eric Rasmussen	R-SCC	N	

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WAYS TO INFORM IEEE

- Cause an LOA to be submitted to the IEEE SA (patcom@ieee.org); or
- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
- Speak up now and respond to this Call for Potentially Essential Patents

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