

SC-3 WG 3.4 23-02 Meeting Agenda

February 23, 2023 11 am -12 pm EST WebEx

1. Call to Order
Chair called the meeting to order at 11:03 EST.
2. Roll Call
Chair took roll since Secretary was not on call. Quorum met [10 of 15], see attached list.
3. IEEE Patent and Copyright Policy Review
Slides attached.
4. Approve Minutes of 23-01 Meeting (review draft on iMeet ahead of the call)
23-01 were quickly reviewed. Tom Koshy made a motion to approve. Bob Konnik 2nd. Unanimously approved.
5. Do we need to add a discussion of EMI/RFI if this document? If so, where?
Discussed whether surges could lead to degradation and thus be an aging mechanism that needs to be addressed by 1205. IEEE 1050 covers cable shield degradation. IEEE 1143 covers low-voltage shielding. Decided sentence added to Clause 6.6 during 23-01 meeting is adequate.
6. TID follow-up from 23-01 meeting
No formal definition found in any regulations or IEEE/IEC standards. Several documents use the term in Environmental Qualification related ways, but no formal definition found to reference. TID means total integrated dose to most in nuclear industry, but aerospace and NASA use it as total ionizing dose.

IEEE 627 uses radiation environment (total dose & dose rate), but not TID. Similarly, 60780-323-2016 uses total radiation dose & total dose, but not TID. Chris Abernathy indicated the term is defined the EPRI EQ Handbook.

Revised Clause 6.7.4 to use total accumulated dose and accumulated dose terminology, instead of TID. Also removed the proposed addition of TID to the acronyms clause.
7. Potentially "missing definitions"
 - a. Aging effects assessment
No new definition needed. Decided to use the term aging assessment without the word "effects" consistently throughout 1205.
 - b. Support functions
Deleted the word "support" from the bullet item in Clause 6.6, as it was not necessary.
8. Continue Clause 6 Discussion, as time permits
Finished initial review of Clause 6 during this meeting. See Version 0d for the current version of the document.

9. Action Item Recap

- a. Open Actions – Bibliography review assignments will be discussed in March. Volunteers confirmed their assignments are in-progress.
 - b. New Actions
 - i. John Kickhofel to recommend rewording of Clause 6.7.6 so that the order aligns with the rest of Clause 6
 - ii. Add diagram depicting various lifetimes from EPRI-TR-100844, Nov 1992, Common Aging Terminology to the standard. (Need to contact Christian Orlando to see if we need copyright permissions to use it)
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WG 3.4 February 23, 2023 Meeting Attendees Roster

Members:

Rebecca Steinman	Self/Constellation
Suresh Channarasappa	Westinghouse
Chris Abernathy	TVA
George Ballassi	GD/Electric Boat
Steve Graham	Duke Energy
John Kickhofel	Apollo+ Nuclear
Robert Konnik	Marmon Innovation & Technology
Tom Koshy	DNSFB
Ed Mohtashemi	Self
Khoi Nguyen	NRC