

IEEE Product Safety Engineering Society

IEEE PSES TSTC

Meeting Minutes: 7 December 2011

Members present: Don Gies (Alcatel-Lucent), Peter Lim (Alpha Technology), Al Martin (TE Connectivity), Mick Maytum, Paul Ng (GE Energy), Dan Roman (Dialogic), Gary Schrempp (Dell), Peter Tarver (Enphase Energy), Jim Wiese (Adtran)

Members absent: Joe Randolph (Randolph Telecom), Philip Havens (Littelfuse), Tom Smith (TJS Technical Services Inc), Steve Zugay (Cree),

1. Attendance/Introductions

The minutes from the last meeting were approved as submitted

Meeting attendance was recorded. Introductions weren't needed, as there were no new members

2. New business

Annual summary:

Proposal to amend the IEC60950-22 sent to IEC

Don Gies: Positive comments from the symposia he has attended. We have developed a positive image in the safety community. We talk about DC power, grounding, smart grid issues, outdoor cabinets, new Telcordia standards. We look not in the traditional tip and ring, but more toward the future – wireless base stations, FIOS. Solar panels could be an issue.

Paul Ng doing risk assessment for GE. Anyone have information on this?

Peter Tarver: Arc flash occurs when you have to open a high current circuit. Doug Nix in PSES may have information on this.

3. New Telcordia GR-3171-CORE, Issue , Generic Requirements for Network Elements Used in Wireless Networks Physical Layer Criteria

Meeting postponed to January 2012. Tendency is not to follow the NEC, but go to the Telcordia standards. Don will file comments to oppose that. Trying to put together something for wireless facilities, but may not have expertise in running power up a tower. Effort may consist of pulling in information from other GR standards. In some case requirements of GR standards conflict. A new standard shouldn't ignore common practice in the industry.

4. Revisions to 60950-22 standards – Proposal on battery ventilation (attached)

How do you bring issues to TC108? Incidents of explosions have been reported. Tom Burke of UL asked Don Gies to join the US TAG for TC108. So now we have representation on the TAG for TC108.

5. Revisions to 60950-22 standards – Enclosure ratings

- Review Section 8.3, what is meant by “corrosion”.

6. Old Business

RFT circuits - revisions to 60950-21 standards

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Jim Weise addressed his homework assignment. About a month ago Phil Havens said -22 was open for comment. Contacted the ATIS NEP-STEP committee about updating their proposal. The NEP proposal was forwarded to UL. UL didn't accept the proposal as submitted, because it wasn't officially submitted by ATIS. An updated version of the proposal will be resubmitted by Phil Havens. Deadline for comment is end of December 2011, so we probably don't have time to officially comment. Could submit comments to the TAG for TC108 via Don.

- 1 Wiring simulators used in power cross testing
- 2 Grounding requirements for tracer wire in outdoor optical fiber cable
Jim working on a white paper on ONTs and grounding.
- 3 380 V DC power systems
Nothing new
- 4 SmartGrid issues
NFPA is giving a webinar on Smart Grid and NFPA [see NFPA.org]

5. Next Meeting

Next meeting – Proposed Wednesday, January 25, 2012.

Respectfully submitted,

Al Martin
Secretary

Participant	Employer	Telephone	E-mail	IEEE Member?	PSES Member?	LinkedIn Subgroup	Other Committee
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Guest: Jack Burns, Dell, IEEE PSES, VP Technical Activities

Chair: Peter Tarver

Vice Chair: Don Gies

Secretary: Al Martin

- 1) UL Standards Technical Panel for Subjects 60950-1, -21, -22, -23
- 2) TIA TR 41.7, TR41.7.1
- 3) IEEE Surge Protective Devices Committee
- 4) ATIS Protection Engineers Group
- 5) ITU-T, SG5, WP1
- 6) Canadian National Subcommittee for IEC TC108
- 7) TIA TR 41.7.10 (Smart Grid)

Other LinkedIn members:

hifi cha, China (Independent Consumer Electronics Professional)