

IEEE Product Safety Engineering Society

IEEE PSES TSTC

Meeting Minutes: December 4, 2013

Members present: Don Gies (Alcatel-Lucent), Joe Randolph (Randolph Telecom) Jim Wiese (Adtran), Mick Maytum

Members absent: Tim Ardley (Adtran), Doug Parker (Adtran), Dan Roman (Creston Electronics), Tom Smith (TJS Technical Services Inc), Steve Zugay (Cree), Peter Lim (Alpha Technology), , Gary Schrempp (Dell), Peter Tarver (Enphase Energy),. Philip Havens (Littelfuse), Al Martin (TE Connectivity), Paul Ng (GE Energy), Anne Venetta-Richard (Alcatel-Lucent),

1. Attendance/Introductions

Attendees introduced themselves.

2. Previous meeting minutes

The minutes from the last meeting was approved as submitted

3. New business

RFT/DC Utilization – Jim shared a draft ETSI standard on reverse-powering specification.

4. Proposed Changes to UL 50, Thirteenth Edition.

Don: Discussed how in the proposed 13th Edition UL 50/CSA C22.2 No. 94.1, there is a proposal to ban the use of magnesium as enclosure metal. Magnesium/aluminum alloys are lighter than aluminum, and sometimes designers of wireless telecom radio heads choose to use this alloy because of weight issues. UL 50 and UL 50E are North American component deviations to IEC 60950-1 and -22 for outdoor enclosures.

Joe: Push back on UL, run a proposal through TSTC and send it to UL.

5. Lightning Surge Damage –Joe Randolph

Mick: Had sent statistics from NTT to Joe and Jim. Ethernet port broke down at 4kV. ITU presentations are not public.

Jim: have data, mostly on longitudinal surges.

Joe: Cable Discharge events. Roughly 10 years ago, Cisco requirements were to basically test to 8kV.

7. Additional agenda items

None discussed

8. Old Business

None discussed

Next meeting

IEEE Product Safety Engineering Society

Wednesday, 22 January 2014

Respectfully submitted,

Don Gies

Vice Chairman

Participant	Employer	Telephone	E-mail	IEEE Member?	PSES Member?	LinkedIn Subgroup	Other Committee
Tim Ardley	Adtran		tim.ardley@adtran.com				
Don Gies	Alcatel-Lucent	+1-908-582-5978	don.gies@alcatel-lucent.com	X	X	X	8
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Peter Lim	Alpha Technologies	+1-604-638-8687	peter.lim@alpha.ca				
Al Martin	Tyco Electronics	+1-650-361-5822	amartin@tycoelectronics.com	X		X	3
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Steve Zugay	Cree	+1-919-850-6219	szugay@bellsouth.net			X	

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)
- 8) US TAG to IEC TC 108

Other LinkedIn members:

hifi cha, China (Independent Consumer Electronics Professional)

IEEE Product Safety Engineering Society
Jeff Whitmire (Manager, Regulatory Compliance at Adtran)

Telecommunications Technical Activities Committee Roster