

NPEC SC-4 Working Group 4.5  
Meeting Minutes July 26, 2011

1. Chairperson, Lily Ramadan, called the meeting to order at 1:30PM.
2. Attendance (■ – present, A – absent, S – absent with substitute) Roster attached

■	Brock, Duane
■	Carter, John (Jack)
■	Casalaina, Richard
■	Fletcher, Robert
■	Koshy, Tom
■	Ramadan, Lily
■	Depriest, Doug
■	Thompson, Bo

■	Hutchins, Steven
■	Mallanda, John
A	Stark, Robert
A	Graham, Steven
A	Merando, John

3. PAR was submitted at the NPEC AdCom meeting. See the attached. We will be previewing the standard at the NPEC SC4 12-2 meeting.
4. A discussion ensued regarding the proposed scope of IEEE 422, titled Guide for the Design of Cable and Raceway Systems in Electrical Generating Stations, (currently in ballot comment resolution) to state that it does not apply to nuclear. The IEEE P422 WG Chair was contacted about the scope and WG apparently insists removing its applicability to nuclear. This may be a jurisdiction dispute that needs to be settled by the IEEE. The WG's recommendation is to have NPEC have a discussion with the technical council chair.
5. Other discussion ensued regarding submergence of cable systems. Doug Depriest offered to upgrade the standard with current industry requirements for this particular topic since he is currently the chair for ICC. From now on he will be our ICC-IEEE 690 liaison as we proceed with the revision of the standard.
6. There were several discussion items such as, submergence and environmental conditions of cable systems, risk informed safety classification, associated circuits, cable classification (ANSI C84), shielding requirements, acceptance testing of installed cables.
7. Action Items were discussed and assigned as follows:

Risk Informed Safety Classification and its applicability to new designs-Duane Brock	Add new sections/update sections/remove sections-all WG members
Environmental applications, design attribute for the cables such as EMI, RFI interferences-Bo Thompson	Add annexes/remove annexes/update annexes-all WG members
Update all references-Jack Carter	
Update all the definitions since IEEE 100 has been withdrawn-Bob Fletcher	
Shielding Requirements-Doug Depriest	
Acceptance Testing of Installed Cables-Doug Depriest	

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8. All action items are due October 24, 2011 to Lily Ramadan to incorporate into the standard and distribute to the WG for comments.
9. Need to get the Standard previewed for July 2012 meeting.
10. Meeting was adjourned at 4:00PM.