

Web Conference Meeting Minutes
Working Group on Voltages at Publicly and Privately Accessible
Locations (P1695)
May 17, 2007

Hosted by We Energies

Approximately 50 participants

Chuck DeNardo, Chair, outlined Web Cast

Shashi Patel – NEETRAC Presentation – NEC 680.26

Chuck DeNardo – Outline Draft for the Trial Use Guide

Slides on IEEE SA Standards & Inappropriate Topics were discussed

No one on the call had any questions regarding the slides.

NEETRAC's - presentation by Shashi Patel

The presentation focused on changes to NEC Article 680.26 to include additional bonding requirements for pool water. Results of testing presented to show how the changes impact Neutral to Earth voltages. The addition of a conductive surface with a surface area of 9 sq in or 5806 sq mm proposed.

- Test procedure developed to measure voltage gradients
- Description and pictures of pool studied showed
 - Test set up to raise voltage gradients
- Different bonding configurations and test measurements completed
- Analysis slides presented
 - Slide with present 680.26 results & Proposed 680.26 revisions presented.

NEETRAC's proposed changes to NEC 680.26 have been accepted by Code panel 17 for inclusion in the 2008 NEC.

Questions/Comments:

Doug Dorr – Need to understand the bonding impacts under fault conditions.

Ed Thomas – Add verbiage to reflect exposed metal, need to address salt water pools.

Charlie Williams – Comments on verbiage.

No one on call to advise of Code Panel 17 status.

Chuck DeNardo provided an overview of the outline for the Trail Use Guide for Assessing Voltage at Publicly and Privately Accessible Locations (IEEE P1695)

The presentation was well received and the outline will be e-mailed and posted on the Working Group Web Site,

[\(http://grouper.ieee.org/groups/td/dist/stray/\)](http://grouper.ieee.org/groups/td/dist/stray/)

General Comments/Questions

Brian Kramer: Likes the outline, would like to add a section that describes an easy way of distinguishing between “stray” and “contact” voltage for electricians and non-technical folks to use.

Greg Olson: Reminded folks about the Jodi Lane Conference, June 4-6, 2007 @ Con. ED HQ..

Frank Doherty: Will send Chuck link for individuals to sign up for the Jodi Lane Conference.

Aaron Prazon: provided contact phone number for conference.

Send e-mail to Chuck D. to get credit for the meeting, this is important for voting.

Russ to update Working Group meeting/membership rosters to reflect this Web Meeting.

Next Meeting to be held in Tampa.

Meeting Adjourned