Date: 03Oct2017.
Location: Santa Ana Elks Lodge, 212 S. Elk Lane, Santa Ana, California.
Called to order by Henry Martinez at 11:56 a.m.

Minutes for August were approved without dissent.

**Membership Comm. Report**
David Moore reported that we have 116 members: 53 inspector; 48 associate members.

**Treasurers Report**
The Treasurer's report was given by Henry Martinez.

**Old Business**
None addressed.

**New Business**
None addressed.

**Code Questions**
Henry Martinez spoke about a residential service drop that passed over a neighbor's roof at what could be less than Code-required minimum height. Discussion of overhead-conductor-installation issues followed.
Scott Davis spoke about: NEC Section 240.24 Location in or on Premises. A service panel/meter assembly, when installed upside-down, led to an excessive height for the branch circuit-breaker handles.

**Inspector Time**
Scott Davis announced that he provided revised handouts listing Code changes.

Trinidad Torres with the County of Orange asked: who can sign plans? Dan Vaughan suggested that plans can be signed by a civil engineer, architect, owner, or contractor who is doing the installation. Scott Davis added that a developer could also sign, and offered to send information about who is empowered to sign to whomever requested such from him via an e-mail.

**Contractor Time**
None taken.

**Consultant Time**
Duc P. Bui, P.E. with DPB engineers, inc. did a short presentation on Class 2, d-c, normal-power distribution within health-care facilities. Such system included 19 Vdc for lap-top computers, 5 Vdc for USB plugs, and 48 Vdc for LED lighting.

**Manufacturer Time**
None taken.

**Utility Time**
None taken

**Testing Lab Time**
A representative from ETL announced that ETL distribution-equipment labeling will now include "section x of y". Scott suggested that labels, applied after field evaluations, include the address of that location.

**Education Program: Selective Coordination**
Presented by Ben Abrishami.
Began at 12:32 p.m.

Ben handed out a check list, showed slides, and spoke about the following. Slides included line diagrams for analysis.
(Scott Davis reminded the group that selective coordination is not required for one elevator, but is required for multiple elevators using a common feeder.)

"Selective Coordination" has no time limits; "Coordination" has time limits.

517.30(G), (See Definitions.)

Elevators: 620.62.

645.27 added in 2014 (COPS); selective coordination.

700.28 Selective Coordination (Emergency Systems). Also, 701.27 and 708.64.

Documentation of selection of the selective coordination system by a professional engineer (or other qualified person) must be kept with the maintenance records of the facility.

Fuse-to-fuse coordination tables; up to 200kA current.

Eaton tables for branch fuses supplied by feeder breakers.

Circuit breaker-to-circuit breaker coordination: use time-current graphs and tables. Use table to get selective coordination.

John Jansen with Eaton spoke about NEMA guidelines having criteria for examination of circuit breakers that have interrupted a fault.

Eaton Selective Coordination Tool.

Bussman Short Circuit Current Calculator.

Adjourned by Henry Martinez at 1:34 p.m.

Minutes respectfully submitted by Dan Vaughan.