



MINUTES

Orange Empire Division International association of Electrical Inspectors

Date: May 2, 2001

Location: Santa Ana Elks Lodge, 212 Elk Lane, Santa Ana, CA

Call to order 11:35 am by Randy Buck

April's minutes accepted without dissent.

Membership Committee Report

Tom Griffith reports current membership is 118 with no new members. New attendee Bill Ford, City of Huntington Beach.

Treasurers Report

Our current balance reported was reported. Scott Davis thanked Henry Martinez for his hard work and said that the audit of the 2010 books was perfect.

Old Business

Randy spoke of attendance, what we are doing right and what we can do to increase attendance. A suggestion came that we give out cards with each meetings topic on it to different groups. Also suggested that a representative attend ICC Chapter meetings to promote what we do to make the ICC member's inspectors more valuable. Larry Levior asked how many building officials come to or meetings. Randy Buck called for a vote to invite the local building officials to our meeting at no cost to them. Second Doug Miller. Motion passed without dissent.

New Business

The member lending library is available to all members to use. Retail value is over \$3,000.00
Tom Griffith notes the next Chapter meeting is Wednesday May the 18th.

Code Questions

Scott Davis: Received an email (he appreciates emails so he can research the question) concerning the installation of low voltage luminaires in ocean waters. The code requires that equipment must be listed for use.

Henry Huang asks is listed pool equipment ok or must it be listed for ocean use? Scott comments that pool equipment may not be intended for salt water. Russ Helmick noted that in some large salt water aquariums he has worked on brass fittings and conduit was employed. Henry Martinez commented on chemical pools and noted that Costa mesa has many salt water pools. Would a luminaire in a salt water pool be different than a listed swimming pool (chemical pool) luminaire? Rich Berman asks what does the code mean when identified for use? A lengthy discussion ensued, topics of PVC conduits and is there a marine listing. Comment was made that a letter from the manufacturer might be acceptable. Larry comments no way would he accept a blanket letter from the manufacturer that this would be ok (if they don't normally sell it for ocean use) if it was in their brochure maybe. A comment was made about the potting compound for wet niche luminaires, the UL White book states for use in fresh water pools. Is a salt water pool considered a fresh water pool?

Consultants Time

Sal Nour saw a memo from Culver City concerning certification of electricians work for C10 contractors and asked how we are enforcing this. The State is the enforcing agency for C10s not in compliance. Randy comments that we are not paid by the State to enforce their requirement.

Testing Labs

Rich Berman, The 2011 White books are in. New public notices for ground rods and unlisted LED controllers. There will be a LED retrofit seminar may 10th 8:00-9:00, register at ul.com/retro fit.

Contractor Time

None taken

Manufacturer Time

None taken

Utility Time

Roger Ohm, Banning is undergrounding utilities in the downtown area and upgrading the water system

Inspector Time

Larry Levior, discusses copper/aluminum pig-tailing in residences using high pressure connectors, purple wire nuts and Alumiconn™ connectors. Randy Buck, Costa Mesa has some using the purple wire nuts without issues. Rich Berman UL, if there are any problems with products please contact UL, without notification UL is unable to remedy issues – RichardJ.Berman@ul.com/notice.

Good of the Order

Gentleman from San Bernardino asks when doing a service increase/change-out do the attending jurisdictions require AFCI protection on existing circuits. Ayes: 0 Nays: all attendees.

Gentleman from LA County asks when upgrading or installing a new service do the attending jurisdictions require bonding across hot and cold water piping. Ayes: 1 Nays: balance of attendees. Question to the group - bonding of gas line required? Ayes: All attendees Nays: 0

Russ Helmick comments that remember that today's water heaters no longer have metal tanks so bond it. Henry Martinez comments that the Plumbing Code contains bonding requirements.

Education Program: Swimming Pools, Spas and Fountains by Scott Davis

Meeting adjourned 2:10 pm
Respectfully submitted, Douglas Miller

Follow-up Notes:

Excellent follow up material for pool inspections (and installations) can be found here:

<http://www.mikeholt.com/freestuff.php?id=freebooks>

We at Mike Holt Enterprises try to provide as much as we can to the industry at no charge. For this reason we've created a free *Swimming Pools, Spas, Hot Tubs, Fountains, and Similar Installations* booklet. The material in this booklet was extracted from Mike's [Understanding the 2008 NEC, Volume 2](#) textbook.

Because of its size, we made it available to you in 2 parts. These parts are available for you to download separately if your computer has restrictions on file size:

[Scope of Part 1 of 2](#) – Articles 680.1 – 680.25

[Scope of Part 2 of 2](#) – Articles 680.26 – 680.74

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To purchase your copy of Mike Holt's Illustrated Guide to Understanding the National Electrical Code Volume 2, 2008 Edition, please [click here](#) or call our office at 888.NEC.CODE(632.2633) for more information.