



International Association of Electrical Inspectors

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The February 17, '09 meeting of the Palm Beach County IAEI was called to order at 3:05 PM by Vinny Burdo, with the Pledge of Allegiance to our flag, followed by self introductions.

Leonard Devine gave a 30 minute presentation on why it was important to adopt the 2008 National Electrical Code. He cited statistics on electrical accidents and studies that indicated that the broadened use of Arc Fault breakers and childproof receptacles as required by the 2008 NEC, would improve electrical safety in the home.

The January Minutes and the Treasurers report were approved. It was reported that Bruce Livergood of Design Electric is doing well and recovering from triple bypass heart surgery. Also Charlie Brown, formerly with Palm Beach County Building Dept is recovering from a motorcycle crash.

Old Business: Leonard discussed the June 6th NEC Code change seminar to be presented by our well known friend and electrical code expert, John Minick. This seminar will be at the Jupiter Community Center and 2008 Code Change Analysis books are available only if you order them with your registration.

Debbie Nutter said that there was still some confusion regarding Hal Stambaugh's question from last month, about when you need to "bond" the neutral at the generator and drive a ground rod. Jim Gillespie of Brannon Gillespie Electrical Engineering, said that you should not bond the generator neutral unless it is to be a "separately derived system" and most generators are not separately derived. He said that there are times when it should be separately derived, such as if the service has ground fault sensing, or in some cases of multiple buildings on one generator, many hospitals, etc. But normally, you should connect the generator neutral to the service neutral, the generator equipment ground to the service grounding electrode system, and keep them separate at the generator unless directed to by the electrical engineer of record. In the case of a separately derived generator, the neutral will be switched along with the ungrounded conductors in the transfer switch.

New Business: Someone asked if a GFCI receptacle installed inside an access panel for a hydromassage bathtub motor is code compliant. Many varied opinions were heard but since NEC 687.71 and 210.8 are silent on the location of the GFCI reset button, it is up to the AHJ. Some consider the GFCI reset as a switch or circuit breaker and require it to be readily accessible per NEC 404.8(A).

Dennis Hanrahan, Lake Worth Inspector, inquired about grounding electrode conductor sizing on multiple services in regard to a recent electrical service inspection. A question was asked in regard to NEC 250.94 which requires the electrician to provide an accessible place to bond other systems at the service. All agreed that this is being enforced. Meeting adjourned at 4:35 PM

Respectfully Submitted by Dan Prater, Secretary

The next regular meeting will be at 3 PM on Tuesday, March 17th at the Palm Beach County Building Dept in the Vista Center, **2300 N Jog Rd**. Be sure to attend and hear well known PV expert, Dr. Roger Messenger who will present a program on the installation of photovoltaic systems. **Two hours of CEU credits** will be earned by contractors and inspectors who pay a \$5 cash filing fee and arrive by 2:30 PM to register w/License #s. Mark your calendar, make sure to attend, and bring an electrical friend!

The Palm Beach County Division
Of the
International Association of Electrical Inspectors
will

Host a 2 hour seminar on

Photovoltaic Systems Installations and Inspections

Presented by Dr. Roger Messenger

2 CEU credit hours for inspectors and electrical contractors

Tuesday, March 17, 2009

The class starts at 3 PM sharp and ends at 5 PM

At the Palm Beach County Building Dept.
in the Vista Center, **2300 N Jog Rd, in room 1E-58 & 59**

Everyone is welcome to attend

If you want the educational credits

BE THERE BY 2:30 PM in ORDER TO SIGN UP for CREDIT

Please bring \$5 cash for the filing of the CEUs

Plus all of your license numbers

IF YOU ARE LATE YOU WILL NOT RECEIVE CREDIT - You must be present for the full 2 Hrs.

For credit we must record your name exactly as it appears on your licenses

Bring photo identification

FOR QUESTIONS CALL
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