

News from the NC Ellis Cannady Chapter, IAEI

Presidential Views

Time is fleeting. It's true that the older we get the faster time seems to pass. It's been nearly a year since I was installed as president of the NC Ellis Cannady Chapter. I've learned that as president it takes a lot of help from chapter team members to continue growth and inspire others to become interested in becoming a part of this team. I would like to thank everyone who had a part in helping us make this year successful for our chapter.

There have been many beneficial committee meetings and code seminars with great participation. The code seminars offer a chance to be involved face to face with individuals who know the codes, and can explain them if you have questions. Personally I feel continuing education is better absorbed in a classroom with face to face discussion rather than doing a questionnaire on the internet.

Without everybody's help from our committees it would be impossible to have a president. They work hard to keep this chapter organized and make our president look good. There are a lot of special people that do a great job to keep things rolling smooth. We have many committees that you can join and become involved with. I started on the Code Clearing Committee. It was very interesting for me to learn about how codes develop and the whole process of changing codes.

Since the last Presidential Views newsletter from the NC Ellis Cannady Chapter, there has been a change in the location for the Annual Meeting. The meeting has been relocated to Winston Salem off University Parkway at the Holiday Inn Select. I hope all members, inspectors, and departments have received the registration forms for our annual chapter meeting. You can go to www.nciaei.org for more details. Hope you can attend.

As my term ends as president I extend my best wishes to the newly elected president and officers of 2008-2009. If I can be of any assistance in anyway please feel free to contact me.

With much appreciation,

Your president,
Mark Noonkester

Industry Events

CECA Fall meeting

October 9-12, Doubletree, Charleston SC
<http://www.carolinaseca.org/convention.htm>

IAEI Southern Section

October 12-15 Alexandria, VA
Special classes are being held on Sunday, go to www.iaei.org/southern,
or go to our "Meetings" section on our website: www.nciaei.org.

NC Ellis Cannady Chapter IAEI Annual Meeting & Code Workshop

November 2-4, Winston-Salem, NC
Holiday Inn Select, University

NC Ellis Cannady Chapter One-Day Continuing Education Seminar

November 20th, 2008

Skyland Fire Department

9 Miller Road, Skyland, NC 28776

Telephone: 828.684.6421 Extension 101

NC Ellis Cannady Chapter One-Day Continuing Education Seminar

December 4th, 2008

Wayne Community College

Continuing Education Office Building

300 Wayne Memorial Drive, Goldsboro, NC 27534

Telephone: 919.735.5151

NC Ellis Cannady Chapter One-Day Continuing Education Seminar

December 18th, 2008

Randolph Community College

629 Industrial Park Avenue, Asheboro, NC 27205

Phone: 336.633.0224

NC Ellis Cannady Chapter One-Day Continuing Education Seminar

January 15th, 2009

Martin Community College

1161 Kehukee Park Road, Williamston, NC 27892

Phone: 252.792.1521

NC Ellis Cannady Chapter One-Day Continuing Education Seminar

January 29th, 2009

Forsyth Community College

1300 Bolton Street, Winston Salem, NC 27103

Telephone: 336.734.7726

See our website for more information, including maps and registration forms: www.nciaei.org

Retirements

Gerald Harvell has retired as Chief Electrical Inspector for Mecklenburg County Code Enforcement with over thirty years of service to the citizens of Mecklenburg County and thirty eight years of service in our industry. Gerald is a twenty nine year, active member, and past president of the International Association of Electrical Inspectors NC Ellis Cannady Chapter, a member of National Fire Prevention Association, a board member of the North Carolina Association of Electrical Contractors, a North Carolina State Board of Examiners of Electrical Contractors continuing education instructor, and a Continuing Education Instructor for the NCDOI Code Qualifications Board.

A summary of Gerald's career include:

- Chief Electrical Inspector for the largest inspection department in North Carolina 1994 – 2008
- Master Trainer for NCCER (National Center for Construction and Research) 2008
- Certified Trainer for NCCER 2008
- NC Board of Examiners of Electrical Contractors Instructor of the Year Award 2007
- Board of Directors member for North Carolina Association of Electrical Contractors 2006
- Assistant Chief Electrical Inspector for Charlotte/Mecklenburg 1988 – 1994

- Code Panelist for electrical code seminars at local, regional and national levels 1990 – Present
- Continuing Education Instructor for the NCDOI Code Qualifications Board
- Continuing Education Instructor for NCBEEC 1993 – Present
- Chairman of the North Carolina Ellis Cannady Chapter Legislative Committee 2004 – 2006
- Recipient of the North Carolina Ellis Cannady Chapter Richard Boyd Award 2003
- Recipient of the NC Ellis Cannady Chapter Electrical Inspector of the Year Award 2001
- North Carolina Ellis Cannady Chapter Chairman 1997-1998
- Member of National Fire Protection Agency (NFPA) 1988 - Present
- Member of the Southern Section IAEI Electrical Code Making Panels 1992 - Present
- Member of the North Carolina Ellis Cannady Board of Directors 1992 - Present
- Active member of the North Carolina Ellis Cannady Codeship Committee 1990 - Present
- Chairman of the North Carolina Ellis Cannady Chapter Public Relations Committee 1988 – 2006
- Member of the Master Electrical Contractors Association
- Member of the Charlotte Area Association of Electrical Contractors
- Served as a judge for several years in the State Electrical Apprenticeship program, and the VICA program.
- Advisor to Central Piedmont Community College Electrical Program 1996 – 2000
- North Carolina Class I Heating and Air Conditioning License (H-3) 1993
- North Carolina Class I Plumbing License 1990
- Mecklenburg County Arson Investigator 1982
- North Carolina Level III Electrical Inspectors Certification 1979
- North Carolina Level II Electrical Inspectors Certification 1978
- North Carolina Unlimited Electrical Contractors License 1978
- Mecklenburg County Electrical Inspector 1978 – 1988
- Part Time Self Employed Electrical Contractor 1978 - 1994
- Self Employed Electrical Contractor 1975 – 1978
- North Carolina Limited Electrical Contractors License 1974
- City of Charlotte Electrical Journeyman Card 1973
- Mecklenburg County Electrical Journeyman Card 1973
- Completed Central Piedmont Community College courses: Electrical installations 1973
- Entered Electrical Trade September 1970

Through the years Gerald has been a consistent resource for our industry, serving as an educator and mentor to many electricians, contractors and inspectors. He and his wife Carol currently continue to offer classes for continuing education and their website www.electricchief.com is an asset to those in the industry and those who seek quality continuing education services.

Gerald and Carol reside in Concord NC. Gerald has two daughters, Leslie Allman, Linda Harvell and one son, Joe Harvell, and is the proud grandfather of five. We extend our heartfelt thanks and appreciation to Gerald and wish him and his family the best in their following endeavors as a new chapter opens in Gerald's life.

Sick / Shut-in

Gary Mullis has been having back pain, had a bout with pneumonia, and has had to miss some work. Even when at home, Gary has still been able to help us with information needed for our annual meeting. Thank you Gary, and you will be in our thoughts and prayers as you get better. We hope to see you at the meeting in November!

Behind the Scenes

Before we learned of Gerald Harvell's retirement, the Chapter had already planned a special behind the scenes thanks to him. Gerald is an example of the best characteristics and values for an IAEI member. Gerald has always believed in doing things right and not compromising on Safety. He has always continued learning and getting information for others, whether it is an IAEI member, other inspectors or members of the community. Gerald has contributed his non-work time for preparation as a class instructor, and for numerous Code panels and industry meetings, and has acted as a mentor for many people.

Thanks again Gerald, for your many past years and future contributions to the NC IAEI Chapter, and for your continued contributions to the welfare of our citizens and the future of our communities.

Product Safety

“Industrial Machinery” and “Manufacturing” equipment. NC Approved Third Party Testing Agencies have reported evaluations of non-certified electrical equipment at the new West Pharmaceutical facility in Kinston. This is great news for electrical and fire / explosion safety prevention for the workers, owners, and the entire community. Just a few years ago several people were killed, many more were injured and millions of dollars were lost because of non-certified equipment at West Pharmaceutical.

Since the adoption of Senate Bill 490, we are now seeing that the level of safety has been compromised by non-certified equipment in the workplace. Inspectors are reporting many instances where the owner is aware that potentially hazardous equipment is being put into operation without being inspected. With the “Industrial Machinery” exemption, the burden of providing assurance of electrical safety is now carried by the employer and their insurance companies. The worst aspect of this is the human cost when workers are injured or killed. We previously recognized and argued that OSHA enforcement & inspections were reactive and not proactive and would set up potential for costly losses.

As an inspector, if you become aware of non-certified equipment, be sure to make those in charge aware of OSHA regulations and keep notes on dates, places, and people involved in the decision. If danger exists remember that the NCDOL asked for your help and that the bill allows for you to act on this when you feel it's necessary. We need you to be protected, so you can continue to do your important work in electrical safety.

Safety Reminder

Christmas Lights. Holiday season is almost here, and with it comes outdoor electrical lights. Be sure to pass the word about safe Christmas lights, and to be on the lookout for counterfeit products. The testing laboratories have special numbers and e-mails to report potentially counterfeit products. If you need to contact one of these testing and certification labs, go to www.safetylink.com. Choose the lab you need to contact and go to their website to contact them via e-mail. For the North Carolina phone numbers of these testing agencies, go to our website, www.nciae.org, and go to the “Code” page. At the bottom is the list of testing laboratories.

Cell phones while driving – Be careful. Over the years since cell phones skyrocketed in popularity, many studies have been done on the effect of using a cell phone while driving. These studies reveal that driving while talking is very similar to driving while intoxicated.

All Inspectors: Thank you for helping to keep NC workplaces safe! Our electrical mechanical, fire, building, mechanical, plumbing inspectors, contractors, test lab, PE's and power company engineers help make sure people come home after work without injury, and that we have a home to come back to. Many times we are perceived as the “bad guy” or the “enforcer”. While this needs to be true sometimes, remember

that we keep people from their unknown dangers. If you ever want to understand why this is even more powerful in group setting, come to one of our meetings!

Great resource for electrical hazard info, incidents.

http://www.occupationalhazards.com/zone/324/OHElectrical_Safety.aspx

See our website for instant access to the internet link: www.iaei.org.

Personal Protective Equipment (PPE) Update. Be sure to review the specific requirements for electrical personal protective equipment. There has been a great deal of activity on this issue, and OSHA will be paying close attention to incidents and reports of inadequate PPE.

OSHA News Release: [08/19/2008]

Contact Name: Sharon Worthy

Phone Number: (202) 693-4676

Release Number: 08-1186-NAT

OSHA proposes clarification of requirements for personal protective equipment and training
WASHINGTON — Today, the U.S. Department of Labor's Occupational Safety and Health Administration (OSHA) published in the *Federal Register* a proposed rule to clarify the individualized nature of the requirement to provide personal protective equipment (PPE) and training for workers. This proposal affects PPE and training in general industry, maritime, and construction. The public comment period on the proposed regulation will be open for 30 days.

Under OSHA's longstanding egregious policy first implemented in 1990, OSHA may seek a separate penalty for each discrete violation in cases where an employer has flagrantly disregarded its legal responsibilities for the safety and health of workers. The proposal addresses several recent legal decisions suggesting that differences in wording among OSHA standards may affect OSHA's ability to issue separate penalties for each discrete violation in certain circumstances.

The proposed revisions primarily affect PPE and training related to health hazards, such as asbestos and lead. Specific changes within the proposed rule include the following: (1) new paragraphs in the introductory provisions of OSHA's standards that all PPE and training requirements impose a separate compliance duty to each covered employee, and that each employee not protected or trained may be considered a separate violation; and (2) revisions of the language of some existing respirator and training requirements.

The proposed changes will make no difference to employers' legal obligations; however, they will ensure that OSHA has the necessary tools to assess an appropriately high penalty where warranted.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing a safe and healthy workplace for their employees. OSHA's role is to promote the safety and health of America's working men and women by setting and enforcing standards; providing training, outreach and education; establishing partnerships; and encouraging continual process improvement in workplace safety and health. For more information, visit www.osha.gov.

Code & Certificate Activity

New ICC Standard Certification Transition:

<http://www.iccsafe.org/certification/NC.html>

ONLY UNTIL FEBRUARY 2009

North Carolina Standard Certification/ICC Certification Opportunity

New for a limited time: You can now obtain a selected ICC Certification based on your current North Carolina Standard Certification. This opportunity is only available from August 1, 2008, through February 28, 2009, and is subject to a fee per desired ICC Certification.

To receive an ICC Certification, a candidate must be currently employed and hold an active North Carolina Standard Certification in one or more of the categories listed on the application form. To be ICC certified, candidates must comply with all requirements for this certification opportunity, and follow ongoing Certification renewal requirements.

ICC Certifications are available for the following Level I, II, and III categories:

- Building

- Electrical
- Mechanical
- Plumbing

North Carolina Standard Certifications in the Fire category will continue to be available through ProBoard. for the Fire transition form, go to the IEC website. We have also provided a link for this information on the NC IAEI website, www.nciaei.org. To access the page directly, go to www.iccsafe.org/certification/NC.html. There is also a helpful FAQ section.

The **North Carolina Building Code Council** is again studying the AFCI and SE cable changes in the 08 NEC. They will report their findings, actions and recommendations to the General Assembly. Two code changes concerning SE cable are now on the agenda and in process for the Council's vote. Please plan to attend and let your voice and expertise be heard at their scheduled meetings.

Continuing Education with NC IAEI

Classroom education has many benefits. In online (Internet) learning, educators have noticed barriers to effectively learning complex subjects in an online-only setting. They also feel that it isolates the students from one another as well as their instructor reducing the overall value of taking the course. Due to the relative newness of online learning, there has been little research conducted to evaluate the teaching methods or the effectiveness of student comprehension through an online-only learning environment.

Having numerous students learning in the same classroom has the added benefit of allowing students to exchange ideas and questions with one another providing another valuable learning medium that online environments cannot replicate. First-hand interaction with the educating instructor also allows for ideas to be exchanged freely and without any communication barriers.

Take advantage of the NC Ellis Cannady IAEI continuing education program. Visit www.nciaei.org. See our "meetings" or "education" pages.

Energy Saving Ideas

Energy saving devices. Have you seen them? Do you know if they work? Has anyone else seen the "Plug-in electricity saver"? Let us know, and we'll follow up on this in our next issue. Go to our website, fill out the "Contact us" form. Contributors will be eligible for a free gift from NC IAEI.

Motion Sensors. Motion sensors are great for rooms only used at certain times, especially bathrooms and storage rooms. These devices can help to save on your energy bill!

Energy info & Ideas

www.energysavingnow.com

Home energy ideas and resources

www.homepower.com

A free issue of Home power magazine will be available on our website.

FYI

NC Annual Meeting. Don't miss our annual meeting! A registration form is included in this newsletter, and also available online: www.nciaei.org.

2008 NEC Code books. 2008 Code books are still available. Make sure everybody you know that uses the Code has an opportunity to have their own copy. Check our website www.nciaei.org for Code books available, as well as other educational materials and IAEI NC Chapter promotional items. 2008 Code books are \$60 and Analysis are \$45. Save shipping and handling – pick up your books at one of our meetings

NEC Continuing Education Classes for 2008-2009. Our continuing education classes for 2007-2008 were a great success! Thanks to all those who attended, and a special thanks to our instructors. Visit our chapter website for updates on continuing education. Our next meeting that includes Continuing Education is our Annual Chapter Meeting in Winston-Salem, November 2-4. See our other Continuing Education classes and locations above in the “Industry Events” Section.