Dear Members of NYSBOC

With the end of 2015 coming to an end it is time to reflect back on our commitment to the work we do to protect our families and our communities. We know in our hearts that what we do as Code Officials is an important part of Life Safety. Our positions are usually unappreciated and misunderstood, but we know differently.

We have continued thru the efforts of all to make sure thru the Code Development process that we are in a safe environment for our homes and work. We will continue as an organization to make our voices heard.

Have we done enough? Have we, as individuals given our total commitment? We do not have to be the best at our jobs but we do have to feel in our hearts that we have gone above and beyond what is just required of our positions. If you can reflect back and feel good about your efforts than I applaud each and every one of you. If not I ask you now to recommit to the job we are tasked to do, keep our families and communities safe, “WE ARE THE FIRST RESPONDERS”

“The quality of a person’s life is in direct proportion to their commitment to excellence, regardless of his chosen field of endeavor “ Vince Lombardi

Thank you for your commitment and your NYSBOC Executive Board would like to wish all of our members and friends a very Happy and Joyous Holiday. Be safe and see you in 2016.

Sincerely

Edward P. Cusato

Edward P. Cusato
NYSBOC, President

<table>
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<tr>
<th>NYSBOC Calendar of Events</th>
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<td><strong>January 25 – 27</strong></td>
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<td><strong>February 29 – March 3</strong></td>
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<td><strong>March 29-31</strong></td>
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<td><strong>September 7-9 or 14-16</strong></td>
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<td><strong>ICC ABM and Comm Action</strong></td>
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Presidents Report: Ed Cusato
Guests that were recognized:
Capital District 1st Vice President Dan Sherman
NYS Fire Marshalls Association President Dave Reins
Central Chapter 1st Vice President Jason Perkins
I did a lot of traveling this past year doing work with the Code Council and the Code Coalition. I have had the honor of attending numerous funerals throughout the state. I met with a lot of the chapters and what explained what we are doing to assist the local chapters. The funding is not there for the smaller chapters. We have made a lot of progress in the goals that we set out to do. Especially with the Code Development and Steve will talk about that later.

Committee Reports:
Annual Business Meeting Conference: 2nd Vice President, Secretary, BJ made a proposal to go to the Best Western Plus in Kingston. You have a choice on Wednesday night whether to take a boat ride up the Hudson River and the hotel would do the buffet on the boat or a beach party theme by the newly renovated pool area at the hotel. The other question is do you want the ABM on September 7-9 or 14-16. The ICC Conference is in October 14-16 in Kansas City, Missouri for next year. Sam Ricotta: Check with WSTB and Fire Marshalls there could be conflict of meeting dates. Ed tabled this until so that any other chapter can submit a proposal.

Ambassadors Report: John Flanigan
Eastern States meetings have been up in Portsmouth, NH. New Hampshire is running Eastern States. On the training part of it, we are getting more training through Ron’s office. For the credits it is not worth the trip.
Ed Cusato: We went through the vote to drop out and we are still with Eastern States.

Building Log: Jim Eberhardt
There is one Log that just came out and it is getting easier with the help from everyone. We are going out to the ICC Conference and will report back. Keep up the good work.

Bylaws: Jim Bailey & BJ Gettel
Proposed Amendment 2015 #3, AS CAP LETTERS; Proposed by Dan Casella
ARTICLE VI – MEETINGS Section 1. Annual Meeting
(a) There shall be an annual meeting of the Corporation held between the first day of September and the first day of November. Region 1 – Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Seneca, Wayne, Wyoming, and Yates
Region 2 – Broome, Cayuga, Chemung, Chenango, Cortland, Delaware, Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, Otsego, Schuyler, St. Lawrence, Steuben, Tioga, and Tompkins
(b) The location of the annual meeting shall be subject to the following conditions FOR NON-ELECTION YEARS:
1. In accordance with Article VI-Meetings, Section1, (a), member chapters wishing to host the annual meeting shall submit, in writing, their desire to act as host chapter. The chapter must include with its letter of intent, a listing of recommended meeting sites capable of accommodating the meeting. This must be received prior to the June meeting preceding the annual meeting.
2. The Board of Delegates shall select a host Chapter at the preceding Annual Meeting from among those submitted. Consideration shall be given to any acceptable submittal, from a chapter not previously selected.
3. In the event that no Chapter from a specific region elects to host the annual meeting, the Board of Delegates shall be empowered to select a site from within the region, and act as host with the executive board.
4. The duties and the responsibilities of the host chapters shall be established by the Board of Delegates Conference Committee and shall be made available to any Chapter, by the Secretary, upon request of the Chapter.

(C) DURING ELECTION YEARS IT IS TO BE HELD SPECIFICALLY WITHIN A GEOGRAPHICAL CENTRALIZED REGION WITHIN THE COUNTIES OF ALBANY, DELAWARE, GREENE, SCHOHARIE, SULLIVAN AND ULSTER, STATE OF NEW YORK
(D) Written notice of the annual meeting shall be given to each member in good standing by the Secretary not less than ninety (90) days prior to the date of such meeting.

Motion by Bob Bonnie to accept as written and 2nd by Eric Falmigetti.

Discussion:
Jim Eberhardt: We should be centralizing the regular delegates meeting and moving the ABM around.
Sam Ricotta: The entire bylaws need to be revamped. Every time that someone gets a hair of joint, we do a bylaw change to accommodate. Steve McDaniel: With mixed feelings. Having it centralized is not what I wanted. It is more important to travel around. One of the smartest things that Sam discussed is having it at the Chapter meeting.

All in favor by raising your hands: 21
All against by raising your hands: 21

According to the bylaws you must have ¾ approval therefore the
bylaw change is voted down. Article X Section 2 Amendments reads as follows:

Section 2. Amendments.

These By-Laws may be amended at any annual or special meeting of the Corporation, by a three-fourths (3/4) vote of the voting members present, provided that a quorum is present.

Codes Coalition: Gene Jaques & John Williams

Gene Jaques: They had their annual call and the following people are the recommendations for the ICC Officers: President: Alex Olszowy, III; Vice President: Dwayne Garriss; Sect/Treas: Jay Elbettar; Section A: Tom Stuart; Section B: Tom Bakken; Section D: Jerry Mallory; At-Large: Bill Bryant; At-Large: Brenda Thompson

Code Development: Steve McDaniel & Kevin Ezell

Steve McDaniel: We have been very busy. In the current Code A cycle. A report is on the website. We submitted 3 public comments for Long Beach. It is extremely critical that we have every NYSBOC member that we have vote as an ICC Members. Some of the code changes from the last cycle were passed or defeated by one vote. Make sure everyone is a voting member back at your local chapters.

I am going to Long Beach and speak on behalf of NYSBOC. Ed stated that Steve does have NYSBOC’s support. I can’t thank Scott Copp and Ty-Lin enough for providing us with the conference calling system for free. Moving forward the Group B changes with Fire Code or Residential Code. If you have problems with the way they are currently written, send me an email so that I can discuss this with you. They are due by January 11, 2016. Ed Cusato: My biggest goal this year was to push that Code Development process through and be recognized not only in Long Beach but at the code hearings. I think we were successful. They know us and the people behind. It is these gentleman and ladies that they have done all of the work and need to be thanked. We need to start acknowledging those municipalities that allow these officials for using their people. Thank you very, very much. Eugene Jaques: The ICC Code is going to be our code. So the changes that we make, is our code. If you don’t like that part of the code then let Steve know.

Education Committee: Mark Schwarz, Jim Gilhooly & Sam Ricotta

Mark: Thanked everyone for the well wishes.

Emergency Management/CEDAR Team: Dan Casella - Chairman, Eric Bradshaw – Vice Chairman & Liaison Dan Casella: I want to give accolades to Eric, Ron, and Julie for getting this on the road. We have accomplished our task. I encourage everyone to get signed up.

ICC: Dottie Harris, Ron Piester, Rob Drexler, & James Morganson

Rob Drexler: It’s all about the ABM right now. Sat and Sunday meetings: The Fire Service and Building Official Membership Council. The 1st Annual Ron Burton Golf Tournament will be happening. All the profits go to the scholarship funds.

Sunday: Region VI meeting is Sunday. Need everyone to attend this meeting. Monday AM: Conference opens up and goes to 11:45 AM Monday PM: Chapter President meeting at 1:30 to 3:30. This year it is geared towards leadership. We are trying to develop programs for the mid-range code official seeing how most of the leaders are retiring soon. Tuesday: Awards Luncheon. Joe Finnegan has won this year’s Fire Code Official of the Year. cdpAccess: Public Comment period opens up from September 30th thru the Oct 7th. We plan on posting the results on Oct 14th. Oct 19th – 30th begins the on-line government voting process. Please make sure that you are registered to vote and more importantly vote. The ICC will be sending out a notice for Committee Work. Get involved and participate. Dan Nichols sits on the Codes and Standards Committee. Last year we had 21 people from New York. Last but not least: Conference Calling was mentioned. The State Fire Marshalls and the Coalition use a service called Clarity Conference Calling.

NYS Office of Planning & Development, Building Standards and Codes: Ron Piester

Ron Piester: Brief overview of what happened at the last code council meeting. We finally can adopt the 2015 I-Codes. We are in the process to complete the rule making documents and then go into public comment period. We are hoping to have the rule making document complete and ready to go by the end of this year. You can always submit written comments to this office. The goal is to bring this rule back to the Code Council, review what was submitted and vote for adoption for sometime in the first quarter of 2016. As Gene has mentioned, you will be getting a copy of the 2015 I-Codes as the next set of books with a supplement. Hopefully minor changes but the lawyers have to have their input. There is currently 1.4 million dollars in the State Budget set aside for the purchase of code books. One thing to keep in mind is the way to get your code books is the way you submit information in your annual report to the DOS. We have a few appointments to the Code Council. Tim DeRuyscher is the new Professional Engineer, Ted Banta, Town of Cario has been appointed to represent the Towns and Barbara Rice, Legislator - Franklin County is the County representative.

We also had changes in agencies to the Code Council. The Dept of Health is no longer on the Code Council. Instead the Housing Energy Renewal (HER) will be the representative. We still have a vacant position for a city with a population over 100,000 and then one person for people representing disabilities.

Brent Cross: Transition Period?

Ron Piester: There will be a transition period, a minimum of 90 day period.

John Addario: A quick overview. There will be 9 hours of advance in-service for the code enforcement official. It will cover the uniform code, commercial and residential energy code with an exam at the end. For building safety inspectors we are looking at 3 hours with an exam. It has to coordinated with the code adoption.

Steve McDaniel: The 3 hours Building Safety Inspector, is that something that outside trainers can do for their departments?

John Addario: That has not been decided yet.

John Addario: We would still have to go around. We would offer it for conferences. We are developing it for on-line but need some time.

John Orr: 9 Hours –is that set in stone? That puts us into a day and a half class, John Addario: Yes.

John Addario:With the amount of changes, 6 hours is not enough.

Ron Piester: Training credits through cdpAccess. Last week ICC notified us that the ability us to monitor for the NYS Code Officials to participate in cdpAccess is now live. We are not looking at the way you voted, just that you participated. The will be a way for you to
**Scholarship Committee**: Tom Corrao – Chairman, Doug Scarson – Vice Chairman, & Wayne Cichon

Tom Corrao: We issued $7000

Doug: $7000 to 15 students. The largest amount we have issued in 2 years. Good mix among all the chapters.

**Ways & Means**: Doug Scarson – Chairman, George Keeler, & Don Bowers

Good And Welfare: Made a donation in memory of Lew Ford to a scholarship fund.

**New Business:**

Motion to nominate the following people to Honorary status by Tom Corrao and 2nd by Scott Copp:

- Joseph Donnelly – Suffolk Chapter
- Edward Fabrizio – Suffolk Chapter
- Fred Lang – Suffolk Chapter
- Richard Lyman – Suffolk Chapter
- Richard Palazzotto – Suffolk Chapter
- Glen Gary Sneyd – Mid Hudson Chapter

Agreed and Carried.

Scott Copp: There will be an announcement that NYSERDA has instituted a program 3rd party plan review for free coming out soon.

Jim Bailey: Acknowledge that 2 chapters, Capital District and Finger Lakes, have sponsored 2 holes at the ICC Golf Outing this year.

Jim Eberhardt: Do we have a consensus is going to Long Beach?

Ed: right now we do not but BJ will send out an announcement shortly as to who is going.

John Flanigan: You are 2 weeks away.

Ed: We will get an idea today. Bring it back to your chapters. Will try to access that information and get that out as soon as we can.

Anyone going to long beach please let me know.

At this time we are going to have a Special Presentation from the Center for Technology by Meghan Cook, Program Director, David Werthmuller, Director of Technology & Services, and Meghan Sutherland, Program Associate.

Combating Urban Blight through a Regional Information Sharing Pilot Project

Issue Overview: Blighted and vacant properties represent a persistent and costly problem for New York State governments. Code enforcement is the cornerstone of identifying the beginning signs of property decline but it’s a program that relies heavily on the collection, sharing, and use of information.

For more information on this project, please contact Meghan Cook, Program Director, at mcook@ctg.albanv.edu.

Motion to Adjourn by Scott Copp and 2nd by John Orr. Agreed and carried.

**Next Meeting Date & Location:**

December 4, 2015

Victor Hampton Inn and Suites, Victor, NY

September 7-9 or 14-16, 2016: Annual ABM, ? Kingston

ICC Conference is Oct 14-16, 2016: Kansas City, Missouri
processed, equipment is ready, some minor IS 700 and 100 issues are being resolved, Ontario County is working on its own CEDAR and there are several programs out there for credits. Rob and Dottie report on ICC. They are looking to increase the participation in the preferred provider program to assist with in-service training and stated the benefits of each chapter in becoming one. NYSBOC is leading the Region VI code dev process and they went to Canada and met with the Ontario Building Officials during their winter meeting. Also reminds Chapters to submit their annual reports.

- Jim Gilhooly is working on a Journal Committee for the NYSBOC ABM specifically and would like a volunteer from each Chapter to join in this effort.
- Bob Cordell says nothing much for the Legislative Committee but the code book negotiations that are past, he hopes for another Lobby Day next year and the Legislative Guide book are on their way.
- A Nomination Committee was established for this years elections. It includes Scott Copp, Mike Malintino, Brent Cross and Chuck LaBarbera.
- John Addario updated us on upcoming DOS Planning & Development, Building Standards and Codes training and code implementation. Notice of public rule was Nov 25th anticipating a March 9th Code Council approval (barring complications) with an effective date of June 28th including the transition period. Training for the change starts officially with the Niagara Frontier, NYSBOC Chapters Conference. He reminds us that the Commercial Energy Code update is a prerequisite for the training, on and off line. Code books will be distributed by referencing the 2014, Part 1203 requirement for municipalities' reports. There will be an exam for completion and train the trainer is active.
- The Scholarship Committee will accept applications until July 7th. See nysboc.net for details
- there is a new Urban Blight Committee headed by Brent Cross to align itself with the U of A grant that was presented at the NYSBOC ABM.
- Jim Bailey asks the membership to get all info to him or BJ for updates on the web and will be working on the hand held app for your phones.
- new business reiterated the need for writing to the governor regarding the sprinkler issue as the code council is weighted by people who don’t want the update. Issues were brought up regarding third party inspections for energy code compliance and the Building Codes Assistance Project at BCAP-ENERGY.org. NYSERDA has a similar program.

The meeting was adjourned just after the next meeting dates were set.
March 4th - Corning
June 3rd - Poukipsie
Sept 7-9 or 14-16 - at ABM possibly in Kingston
December 2nd - Rochester
**CPSC Carbon Monoxide Safety Tips**

Know the symptoms of carbon monoxide poisoning: headache, dizziness, weakness, nausea, vomiting, sleepiness, and confusion.

If you suspect CO poisoning, Get outside to fresh air immediately, and then call 911.

Have your home heating systems (including chimneys and vents) inspected and serviced annually by a trained service technician.

Never use portable generators inside homes or garages, even if doors and windows are open. Use generators outside only, far away from the home.

Never bring a charcoal grill into the house for heating or cooking. Do not barbeque in the garage.

Never use a gas range or oven for heating.

Open the fireplace damper before lighting a fire and keep it open until the ashes are cool. An open damper may help prevent build-up of poisonous gases inside the home.

Install battery-operated CO alarms or CO alarms with battery backup in your home outside separate sleeping areas.
On a positive note, I would like to bring forward two of our relative unsung heros. Dan Cassella and Bob Cordell. Both have been actively involved far longer than the 18 years I have been, myself. At present, Bob heads the Legislative/Technical Committee and continues to play improving parts in providing insight to active and upcoming legislative issues, setting up Lobby Days and providing us with specific information like the Legislative Reference Guides. I, as many have, turned to Bob for guidance on hot topics for NYSBOC because he makes a point of attending as many meetings, functions and events, such as ICC Conventions, as possible. He has a close professional association to the ICC with Government Relations VP Dottie Harris and, no matter what the conditions will not fail to participate in the NYSBOC on goings. Dan Cordell is also a go-to guy with experience through the NYSBOC administration, including a term as President in 2008/2009. He currently is, and for some time has been, working with NYS Office of Planning & Development, Building Standards and Codes regarding the CEDAR program. Dan was an integral part of its establishment and continues close contact with DOS Eric Bradshaw in improving the program and implementation. He has continued to play an important role in updating our by-laws among other tasks and is conscientious about attending any and all assemblies of our organization. To add one more note, these gents have both been very active and officers to this day in their respective NYSBOC Chapters...This is my view and I apologize for not including what I'm sure are many other aspects of both of them and I would like to continue to bring forward many of the other delegates and associates in our NYSBOC organization that have an unsinking belief in what we do.

NYSBOC's Good and Welfare Committee has sent memorials to the following: Loren Pelton, long time FL-BOA Member in passing of wife Mary, a memorial donation for Joel Joseph Epstein long time member of NYSBOC and Rockland Co Chapt, a memorial remembrance for Pres Ed Cusato and wife Maureen for Eds father and retirement well wish for our long time Delegate Kevin Rank of the Niagara Frontier Chapt who left his position with both NYSBOC and Tonowanda.

The New York State Energy Research and Development Authority (NYSERDA) is partnering with T.Y. Lin International Group to offer no-cost consultative Energy Code building plan review and inspection support to New York State's municipal code enforcement officers and others involved in the building design and construction process. Past NYSBOC Pres Scott Copp is handling the accounts. 585-512-2000 or scott.copp@tylin.com

The balance sheet for the NYSBOC organization is substantial and the delegates, over the years, have been trying to give back in several forms such as, scholarships and attendance incentives. Any ideas? Let your Delegate know or e-mail NYSBOC through the website nysboc.net

From Thomas J. Cannizzo... It is a sad day when the organization that I've proudly served for my entire career, as a delegate, has become a bitter and seemingly vindictive group. I attended my local chapter meeting, recently, and I could not believe the disturbing report, by my president, about the goings-on, at NYSBOC's 12/4 meeting. Although, I only currently serve as an alternate delegate for the Capital District, I feel compelled to share my feelings and plan to attend all meetings in 2016, with, or without, the support of my Executive Board. My decision has been made, due to my utmost respect of everyone involved w/a premier organization, that has taught me to truly respect the Building Official’s Role in the safety of our State. Let's get past frivolous differences a return in 2016, as the leaders that taught me how important it is to work together for the betterment of what we are all charged to do in N.Y.S. As the 'grinch’ did, we need to (re)find the true meaning (again) and allow our hearts to grow three-times-its-size and celebrate our mission in life.
California here we come!! A smaller, but dedicated group formed our NYSBOC delegation this year at ICC’s Annual Business Meeting and Public Comment Hearings in Long Beach California, just South of Los Angeles. As was last year, this year’s ABM was truncated in business form starting with the Bob Fowler Motorcycle Run and the BOD meeting on Saturday.

Sunday the 27th started the official members events (and a second day of motorcycle run, our own Kevin Rank joining the ranks, pun intended) with Membership Council Meetings, Companion Events, Advisory and Regional Committee Meetings and various orientations. The Building and Safety Design Expo included Educational pavilions with topics such as Storm Shelter and Flood plain Design, Lighter than Air Fueled Vehicles, Fluid Applied Air Barrier Membranes and Digital Fabrication for Custom Homes, among others. At the mid afternoon meeting of Region VI, NYSBOC Past President Steve McDaniels addressed the members and interested guests about the Coalition and how we develop codes in New York. Later, at the President’s Welcome Reception, was the first time all the attendee’s were gathered in one space conveniently held at the expo following the Delegate Photos. If that wasn’t enough, the Meet and Greet began at Parker’s Lighthouse a small walk away from the Convention Center. To the surprise of many walking, the full moon eclipse was visible on the catwalk while going to the event. Several of us stopped and took in the rare sight. New York didn’t have as prominent a voice in the Meet and Greet as in the past although the Coalition took an active part in the elections as such. The New York Delegation and others were invited after to the aft deck hospitality party. If that wasn’t enough, the ICC had provided a handout for guidance for the New York voters on the problematic days and is setting up cdpacess. The day was then capped with the Welcome to Long Beach Event held at an old bank converted to the Federal Bar. The CALBO members did it up right with refreshments and a live “Big Band” sound. Rumor had it, the old building was also a “speak easy” and the lower level was filled with “special” rooms and more refreshments. The ghost of Marilyn Monroe was to have also been sighted.

Tuesday was the final day of the ABM and the only chance for education programs specifically. They included traditional topics such as various updates for the Code and innovative topics including Rainwater Harvesting, Solar water Heating for Code Officials and Safeguarding Water Systems through Backflow Prevention to name a few. The Awards Luncheon was where we were re-introduced to Joe Finnegan as the ICC Fire Service Award Recipient among others such as Building Official of the Year, Bobby J Fowler Award, ICC Affliate, Standard Bearers Award, Community Service Award, Chapter of the Year, among others. The Government Relations Forum was held that morning with Dotty Harris and her new co-workers along with a few other forums up to the Annual Banquet Reception. The Banquet itself was highlighted by the wearing of the “pink” by all administration and their spouses (guests) and the installation of officers (see above). It was followed by a small social gathering featuring a jazz/blues band from Kansas City, the host of the 2016 ICC ABM.

Wednesday morning the 30th started the Public Comment Hearings which ran through Monday Oct 5th. In addition, on Wednesday and Thursday several Certification Exams were scheduled for those interested in taking them. Prices for these exams range from $168 through $194. A small glitch in the electronic voting procedures prompted an hand vote only starting on Thursday. The ICC has subsequently inform registered voters on the problematic days and is setting up cdpacess voting for the issues that may have been compromised. Steve McDaniel had provided a handout for guidance for the New York voting delegation as suggested voting strategy. At this point it is not clear which date the Final Action Hearings will take place as dependent upon the committee voting resolution.
"CODES TOGETHER"
LONG BEACH
2015

YOU ARE CORDIALLY INVITED
TO A GATHERING ON
MONDAY, SEPTEMBER 28, 2015
5:30 P.M.-6:30 P.M.
(PRIOR TO THE WELCOME TO LONG BEACH EVENT)
**HYATT REGENCY HOTEL**
MEZZANINE LEVEL ADJACENT TO THE CONVENTION CENTER
**ICC Fire Service Award**

*Joseph A. Finnegan*, Madrid, N.Y., volunteer firefighter and a past president of the Firemen’s Association of the State of New York, was the recipient of the ICC Fire Service Award. The award recognizes an ICC Member whose service, professional abilities and leadership have been exemplary in the development of the International Fire Code.

*ICC Board Members and Awards Committee Chair Rob Drexler (left), Joseph A. Finnegan, Madrid, N.Y., volunteer firefighter and a past president of the Firemen’s Association of the State of New York and ICC Immediate Past President Guy Tomberlin.*

**THE CODE CORNER**

August 14, 2015

Dear NYS Code Committee,

I would like to resubmit this document (attached) to the Committee since no response was given to my last submission for the final public meeting of this current code cycle. I understand that our concerns were not reviewed at the last public meeting and that the NYS Council may have already made its decision to adopt IRC 314; (methods of smoke alarm interconnection in residential homes).

If NYS Council has already made its decision to adopt IRC 314, then I, along with many other building inspectors feel that to enforce this Code we need clarification on a few critical safety issues that must be included in writing with the code change.

1. If wireless is allowed in new construction would it be within code compliance to connect them to a single two wire designated 110 volt power source or to multiple 110 volt power sources.

2. In new Construction, are we really eliminating the requirement of the third (Red) signal wire? If so, this eliminates the method that without any dispute is the safest most secure interconnection possible and is most easily and economically installed during the rough phase of construction when all walls are open. By eliminating this requirement, this will prevent homeowners from implementing the safest interconnection fail safe feature if their wireless alarms become problematic in the future.

3. In many likely future situations, after walls are finished and the structure is filled with furniture and metallic or electronic appliances, the resultant signal strength of the radio signal interconnecting the smoke detectors can degrade to unacceptable levels, without anyone knowing, making their operation problematic. It is not clear whether the new code allows or disallows the implementation of additional “battery only” powered smoke alarms to direct the interconnection around the problem units. This is the remedy used for all wireless devices.

The scenario of radio interconnection failure, which has been encountered numerous times, brings a critical flaw of the radio-linked smoke detector to light. The unknown nature of the signal strength of any transmitted smoke detector signal at any particular receiver makes the entire issue of the reliance on that radio signal problematic; and in the viewpoint of many inspectors, this is not acceptable where human lives are at stake. Code compliance is written for the sole purpose of enforcing the best method of assuring the safety of the residents of a home, and not necessarily to promote the most convenient.

Additionally, to properly inspect the structure’s detectors setup as a whole, manufacturers should be required to have a visible mark on their alarms to let the CEO know the difference between a battery powered model and an 110 VAC powered model. Presently it is often necessary to remove the alarm to know how it is powered which will be very time consuming and impractical due to the height if it were the CEO’s job to inspect it.

4. As a matter of the laws of physics, all “through-the-air” transmissions of radio energy lose strength when traveling through obstructions such as walls, floors, furniture, and particularly metallic structures such as appliances, and will additionally alter the radiation patterns of the transmission energy.

As inspectors, we are not radio technicians. We are not equipped with, nor are we trained in the proper use of Signal Strength Analyzers. How can we assure the homeowner, the municipality, or the insurance company underwriting the financial exposure for the structure and all its contents, that the signal strength of the smoke detectors is within the manufacturers acceptable limits, and that the very next test will work? What assurance does anyone have that the rearranging of appliances and/or furniture will not disturb a radiation pattern that worked before the change. All of these matters require that the IRC
314 be critically reviewed for their potentially fatal flaws.

Additionally, and most critically, in case of a fire, how do we assure the same parties that the radio signal is strong enough to compensate for the radio energy loss from the ionization clouds within a fire; (again, a matter of the laws of physics, and proven to degrade radio signals) and that the system as a whole will work? The presumption that the system is “most likely going to work” is not an acceptable level of confidence when human lives are at stake, as well as sizable insurable interests.

As a result of these critical safety issues, we feel that in homes where wireless systems are installed, it should be required that a third party certification of the signal strength of the alarm system should be performed. Alarm system certification should be conducted by a qualified radio technician using a Signal Strength Analyzer; and because of the critical nature of this parameter, it should be written into the code.

5. Another critically important issue is whether or not we are to treat all of the different manufactures models of wireless alarms the same. Are the results of the performance tests of signal strength for all these different models available to the public, and which wireless alarms were involved in making the decision to change the code?

It is obvious and understandable that all alarm manufacturers have very different antennas as well as analog+digital circuitry designed within their receivers and transmitters. Where some manufacturers, (such as Nest Labs®), use state of the art technology to build a high quality product. Many other lower quality manufactures, using unregulated materials and practices, can produce detector units with low to unacceptable interconnection signal strengths. In today’s marketplace, this is not an unforeseeable event.

In summary, do we treat all radio-linked systems equally? Will they be tested by UL to a standard, or is this decision to be made by a possible third party certification? IRC 314 needs to address this critical quality issue.

In conclusion, without addressing these numerous critical safety concerns, we feel that allowing through-the-air transmission for interconnecting smoke alarms in residential homes or structures with sleeping areas is a significant error in allowing a sub standard technology to offer convenience while overshadowing the interconnection methods with the absolutely highest reliability possible, which is the prime responsibility of the ICC and NYS in protecting life and property.

Wireless is not the only solution; there are other technologies such as PLC that can link smoke alarms without the use of through-the-air transmissions. Whether the proposed IRC 314 is adopted or not we will continue to educate the public and Fire Safety professionals to the limitations of wireless for use in life safety.

Thank you for your attention,

Chris Kalivas

ckalivas@BROOKHAVEN.ORG

Brookhaven Town Building Inspector
“The New York State Building Officials Conference spreads holiday cheer to disabled children”

Santa came to town early this Christmas at Cerebral Palsy of Westchester when members of NYSBOC (New York State Building Officials Conference, Westchester Chapter) made a very special visit to students with disabilities. Presents were delivered to very excited students on December 18th by Santa and his helpers. The students were overwhelmed with joy at the sight of Santa! The group has 150 active members, who personally picked out and purchased each child at Cerebral Palsy of Westchester a gift to brighten their day this holiday season. Over 70 gifts were donated to the children at Cerebral Palsy of Westchester.

The New York State Building Officials Conference have been a tremendous supporter of Cerebral Palsy of Westchester over the past few years. From participating in annual fundraising event to hosting their own Golf Outing this Fall which raised over $27,000.

NYSBOC is a group of Building Officials that meet once a month to review code updates and code enforcements at 42 municipalities in Westchester County. Members of NYSBOC that attended include President Sal Pennelle, Vice President Peter Russo, Joseph Saracino, and Al Mingione. This group of giving individuals went above and beyond to make the day of some very deserving children.

About Cerebral Palsy of Westchester:
For over 65 years, Cerebral Palsy of Westchester has been the leading non-profit organization in Westchester and Fairfield County, providing essential services to children and adults with all developmental disabilities including autism, neurological impairments, intellectual disabilities, mental retardation, epilepsy and cerebral palsy. It has always been our purpose to help people realize their goals, build brighter futures, and lead more independent lives as members of their community.

For more information on this event or how you can support CPW please contact:
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This year NYSBOC’s 87th Annual Conference was held at the Vernon Downs Resort in Vernon NY. The Conference was dedicated to several NYSBOC Chapter members in memoriam. Sam Horowitz of BIANCO, John W. Bill Deis of Mohawk, Joel Joseph Epstein of Rockland, Lewis H Ford of Southern Tier and Kenneth Duncan (ret) were noted. A moment of silence was requested later during the banquet.

Registration started at noon on Wed the 9th, welcoming guests to the start of the program with CEDAR info from Eric Bradshaw and Erika Krieger on the first three chapters of the Property Maintenance Code. Central Chapter hosted an Appetizer Party, refreshments and dinner to complete the days’ activities. Thursday morning started with Bob Farron on swimming pools, hot tubs and hydro message spas. The afternoon made room for the Annual Business Meeting which included the

Delegates reports, typical voting maneuvers including Honorary Memberships from several Chapters (see LOG, Delegates Report). Following the meeting a group from the Center of Technology in Government led by Meghan Cook Program Director with David Werthmuller, Director of Technology & Services, and Meghan Sutherland, Program Associate gave an inclusive overview of Combating Urban Blight through Regional Information Sharing Pilot Project. The idea is to develop a shared regional code-enforcement information source. This would address common challenges throughout the state such as problem landlords, properties and or problems shared among different municipalities. Several members expressed their concern and voiced potential problems with different aspects of their approach but, agreed it would be a good tool if implemented.

The day ended with the Annual Banquet started by President Ed Cusato handing out several Chapter Awards and various individual Achievement Awards. Notably, the Chapter Service Awards were in recognition of continued support of NYSBOC and associates endeavors, the Presidential Service Awards to Steve Mcdaniels, Kevin Ezell and Terry Rech for their efforts in Code Development, Gene Jacques for continued work with the Code Coalition and to Dan Casella for his work in CEDAR.

The Code Official of the Year Award was to Past President Steve McDaniel.

The final day, Friday, had David Truit giving some insight on Ethics in Public Life.

Next year there is an application to go to the The Best Western Plus in Kingston with a boat ride up the Hudson and Dinner.