

State Codes and Standards Committee  
Codes Amendment Subcommittee  
Minutes

March 28, 2012

1. **Call to Order:** The Chairman called to order the regular meeting of the Codes Amendment Subcommittee (“CAS”) of the State Codes and Standards Committee. The meeting was held in the third floor conference room (room 348) at 1111 Country Club Road, Middletown, Connecticut.

**In Attendance:**

Louis Free, Chair	Michael Musco
John Butkus	Andrew Rizzo, Jr.
Robert Hanbury	Frederick Wajcs
Henry Miga	William Zoeller

**Also present:**

Diane Harp-Jones, AIA Connecticut  
Joanne Rees, AIA Connecticut  
Bruce Spiewak, AIA Connecticut  
Daniel Tierney, Office of the State Building Inspector  
Dan Veronick, Office of State Building Inspector  
Don Vigneau, Northeast Energy Efficiency Partnership

2. **Minutes:**

Minutes of the January 25, 2012, February 22, 2012 and March 14, 2012 CAS meetings were approved. Minutes of February 8, 2012 meeting was approved as noted with the following revisions: Under “4. New Business”, Item “1. 14-IRC and 30-IRC – Section R313 Automatic Fire Sprinkler Systems”, page 2, last paragraph, second line insert “provisions to take” before “advantage” and insert “of” after “advantage”.

3. **Communications:**

The following correspondence was received since the last CAS meeting.

1. Correspondence received from Michael Sinsigalli on March 26, 2012 submitting a code change proposal related to 2012 IBC Section 903.2.7 Group M. Correspondence identified as **1-IBC** and **2-FSC**.
2. Correspondence received from Michael Sinsigalli on March 26, 2012 submitting a code change proposal related to 2012 IBC Section 903.3.5.1.1 Limited area sprinkler systems. Correspondence identified as **2-IBC** and **3-FSC**.

3. Correspondence received from Michael Sinsigalli on March 26, 2012 submitting a code change proposal related to 2012 IBC Chapter 4, Special Requirements. Correspondence identified as **4-FSC**.
4. Correspondence received from Michael Sinsigalli on March 26, 2012 submitting a code change proposal related to 2012 IBC Chapter 3, Occupancy and Use. Correspondence identified as **5-FSC**.
5. Correspondence received from Michael Sinsigalli on March 26, 2012 submitting a code change proposal related to 2012 IBC Chapter 7, Fire and Smoke Protection Features. Correspondence identified as **6-FSC**.

#### **4. Old Business**

1. Fred Wajcs reported on a meeting he attended on March 23, 2012 with Commissioner Dan Esty and Acting Deputy Commissioner Katie Dykes of DEEP, and representatives from the Building Efficiency & Sustainable Technology Program at Norwalk Community College, Connecticut Energy Efficiency Fund (CEEF) Administrators CL&P and UI, Connecticut Fund for the Environment, Environment Northeast (ENE), Northeast Energy Efficiency Partnerships (NEEP) and Sierra Club. The following is a summary of the highlights of the meeting.
  - Achieving compliance with the energy code is the top priority of the organizations.
  - Commissioner Esty's desires are:
    - To increase training of the contractors, the trades and the building officials
    - To streamline the process and not to add layers
    - Make the process light, fast and transparent
  - Commissioner Esty views building efficiency ratings as a critical issue for environmental protection. He wants it for residential but is willing to first address commercial buildings (possibly including apartments).
  - CEEF offered the idea of using a home energy audit as the base for residential energy rating. The challenge is "how to make it attractive without adding costs."
  - NEEP raised the issue of third party inspectors for the energy code.
  - NEEP raised the issue of streamlining the code adoption process.

The CAS and OSBI took action on the following Code Change Proposals:

2. **Appendix F – Radon Control Measures.** OSBI is recommending the adoption of 2009 IRC Appendix F and make the requirements mandatory for the entire state. OSBI contends that with the adoption of Appendix F, the first step in the process to address radon mitigation is in place with the construction of the original building. On October 12, 2011, the CAS rejected Code Change Proposal 11R-IRC and then approved the deletion of Appendix F without substitution (see October 12, 2011 CAS Minutes, 5. New Business, Item 1. 11R-IRC). New discussions included the types of gas-permeable layer that is required to be placed under the concrete slab and polyethylene barrier including, but limited to, 4-inches of clean aggregate and the initial order-of-magnitude additional cost to comply with this requirement. The CAS will **hold** action on this recommendation and requested Bob Hanbury to address the cost issue for discussion and action at the next CAS meeting.
3. **32-IRC - Section R313 Automatic Fire Sprinkler Systems.** The CAS and OSBI reviewed Code Change Proposal 32-IRC which addresses providing automatic fire sprinkler system as an option in a newly constructed One- and Two-Family Dwelling or townhouse. The code change proposal as written approved.

## 5. New Business

The CAS and OSBI reviewed and took action on the following sections of the 2009 International Residential Code (pages 43 to 54 of the Connecticut Amendments to the 2009 International Residential Code):

1. **(Amd) P3103.1 Roof extensions.** 2005 Connecticut amendment carry-over. Proposed amendment as written approved.
2. **(Amd) P3103.2 Frost enclosure.** 2005 Connecticut amendment carry-over. Proposed amendment as written approved.
3. **(Amd) FIGURE E3901.4 COUNTERTOP RECEPTACLES.** Proposed amendment as written approved.
4. **(Amd) E3902.2 Garage and accessory building receptacles.** The 2009 IRC deleted the two exceptions that were listed in the 2003 IRC. Proposed amendment as written to include the exceptions approved.

5. **(Del) E3904.6 Conduit and tubing fill.** CAS requested OSBI to provide clarification for deleting this section and the subsequent tables Tables E3904.6(1) through E3904.6(10). OSBI will request Robert Nuzzi to attend the next CAS meeting to discuss with the CAS. This section remains on **hold** pending review by CAS/OSBI.
6. **(Del) TABLE E3904.6(1) – TABLE E3904.6(10).** See Item 5 above. This section remains on **hold** pending review by CAS/OSBI.
7. **(Amd) E4003.12 Luminaires in clothes closets.** Proposed amendment to add the word “listed” before “luminaires” in the first sentence of the second paragraph is approved with the following revision. In the second paragraph, first sentence, delete “cloths” and insert “clothes”.
8. **(Amd) E4101.6 Support of ceiling-suspended paddle fans.** Proposed amendment as written approved. This amendment correlates with 2011 NEC Section 314.27(C).
9. **(Amd) E4204.5.2 Connections.** Proposed amendment as written approved. Part of this amendment related to the thread forming machine screws correlates with 2011 NEC Section 250.8(A)(6).
10. **(Amd) E4209.3 Accessibility.** Proposed amendment as written approved. This amendment correlates with 2011 NEC Sections 680.71 and 680.73 associated with hydro massage bathtub protection and access.
11. **CHAPTER 44 – REFERENCED STANDARDS - (Amd) ACCA, (Amd) ICC, (Amd) NFPA.** Proposed amendments to make adjustments to the reference standards to reflect current codes and delete codes/standards not adopted by the State of Connecticut as addressed in Article 1 approved.
12. **APPENDIX – E – MANUFACTURED HOUSING USED AS DWELLINGS.** Proposed amendment to delete the note below the appendix title that states “(*The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.*)” rejected. Section R102.5 Appendices, as amended by Connecticut, lists those appendices which are adopted and included in this edition of the code.
13. **(Amd) AE101.1 General.** 2005 Connecticut amendment carry-over. Proposed amendment is approved with the following revision. In paragraph titled “Exception:” delete “322” and insert “R322”.

14. **(Amd) AE600.1 General.** 2009 Connecticut amendment carry-over. Proposed amendment as written approved.
15. **(Amd) SECTION AE606 REFERENCED STANDARDS.** Proposed amendment to make adjustments to the reference standards to reflect the most current editions approved.
16. **APPENDIX G – SWIMMING POOLS, SPAS AND HOT TUBS.** Proposed amendment to delete the note below the appendix title that states “*(The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.)*” rejected. Section R102.5 Appendices, as amended by Connecticut, lists those appendices which are adopted and included in this edition of the code.
17. **(Amd) SECTION AG102 DEFINITIONS, RESIDENTIAL.** Proposed amendment as written approved.
18. **(Add) AG105.7 Pool Alarms.** Proposed amendment to include the 2005 Connecticut amendment language for pool alarms per Connecticut General Statutes approved. OSBI to add this language to the Connecticut Amendments to the 2009 International Residential Code.
19. **APPENDIX H – PATIO COVERS.** Proposed amendment to delete the note below the appendix title that states “*(The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.)*” rejected. Section R102.5 Appendices, as amended by Connecticut, lists those appendices which are adopted and included in this edition of the code.
20. **(Del) APPENDIX I – PRIVATE SEWAGE DISPOSAL.** Deletion of appendix without substitution approved.
21. **(Del) APPENDIX J – EXISTING BUILDINGS AND STRUCTURES.** Bob Hanbury requested clarification as to why this section is being deleted from the code. After discussion, OSBI was requested to review and provide justification at the next CAS meeting. Action on this item is on hold.
22. **APPENDIX K – SOUND TRANSMISSION.** Proposed amendment to delete the note below the appendix title that states “*(The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinance.)*” rejected. Section R102.5 Appendices, as amended by Connecticut, lists those appendices which are adopted and included in this edition of the code.
23. **(Del) APPENDIX L – PERMIT FEES.** Deletion of appendix without substitution approved.

24. **(Del) APPENDIX M – HOME DAY CARE – R-3 OCCUPANCY.** Deletion of appendix without substitution approved.
25. **(Add) APPENDIX R – WIND SPEEDS and SEISMIC DESIGN CATEGORIES.** Proposed addition of Appendix R approved.
26. The CAS anticipates completing the CAS / OSBI review of the Connecticut Amendments to the 2009 International Residential Code at the April 11, 2012 CAS meeting, have a final draft for CAS review and approval at the April 25, 2012 CAS meeting, and have the full State Codes & Standards Committee take action on the final draft of the Connecticut Amendments to the 2009 International Residential Code at the May 9, 2012 SC&SC monthly meeting.

## 6. Adjournment

The next meeting will be held on April 11, 2012 at 1:30 PM in Room 348.

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Louis J. Free, Chair  
Codes Amendment Subcommittee

KEY:	ICC	International Code Council	IRC	International Residential Code
	IBC	International Building Code	NEC	National Electrical Code
	IEBC	International Existing Building Code	NFPA	National Fire Protection Association

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