

Minutes of the North Carolina Building Code Council
August 22, 2011
Raleigh, NC

All members of the North Carolina Building Code Council were present for the Council Meeting with the exception of Alan Perdue and Hawley Truax.

The following are summary minutes. The official minutes of this meeting are recorded on CD. Anyone desiring verbatim CDs or excerpts from these CDs should contact the Engineering Division of the NC Department of Insurance for information and reproduction costs. The next scheduled NC Building Code Council meeting will be held December 12, 2011 at the North Carolina Department of Insurance, 322 Chapanoke Road, Raleigh, NC 27603, in the downstairs classroom. [Note: The December meeting will be on one day with Items A through D handled in alphabetical order.]

Part A – Administrative Items

Election of Officers

Nomination of Chairman

Motion to elect Dan Tingen – David Smith/Second – Al Bass
Mack Nixon/Steve Knight – Closed by Acclamation

Nomination of Vice-Chairman

Motion to elect John Hitch – Mack Nixon/Second – David Smith
Al Bass/Mack Nixon – Closed by Acclamation

Item A – 1 Ethics Statement: Inquire upon conflicts of interest or appearance of conflicts of interest that exist within the Council.

There were no actual or potential conflicts of interest noted.

Item A – 2 Approval of minutes of the June 14, 2011 NC Building Code Council Meeting.

A motion to accept the June 14th meeting minutes was made by Tom Turner and seconded by Paula Strickland. The minutes were approved.

Item A – 3 Rules Review Commission Meeting Report

Barry Gupton reported that the April 21, 2011 D-Items were approved by the Rules Review Commission (RRC) with the following effective dates:

- Building, Electrical, Fire and Mechanical Items – September 1, 2011
- Residential Items – January 1, 2012
- Plumbing Appendix – January 1, 2015

Staff met with RRC Staff to discuss the effects of Senate Bill 781 on Building Code Council (BCC) Rules. The definition of substantial has been reduced to \$500,000 annually under the new law. If a rule (adopted after 10/1/2011) is determined to have a substantial economic impact, then a fiscal note must be prepared and approved by OSBM prior to publication in the NC Register. The BCC must take testimony on both the rule and the fiscal note at the hearing and during the public comment period. Failure to comply will be basis for RRC objection. SB781 added a report to OSBM (due 1/31 annually) and another to the Joint Regulatory Reform Committee of the General Assembly (due 10/1/2011). Section 57 requires the BCC (every State agency, board, commission,

or other body) to deliver a report of all permanent rules to the Joint Regulatory Reform Committee of the General Assembly no later than 10/1/2011. GS 150B-19.1(b) requires the BCC (every agency subject to this Article) to conduct an annual review of existing rules (unnecessary, unduly burdensome or inconsistent) and report to OSBM no later than 1/31 each year.

Mr. Gupton also reports that OAH received 10 letters requesting Legislative Review for the 2011 NC Electrical Code. The adoption of the electrical code will be delayed for consideration during the next legislative session.

Item A – 4 Public Comments

There were no comments from the public.

Part B – New Petitions for Rulemaking

The following Petitions for Rulemaking have been received since the last Council meeting. The Council will vote either to deny or grant these Petitions. The Council will give no further consideration to Petitions that are denied. Petitions that are granted may proceed through the Rulemaking process. The Council may send any Petition to the appropriate committee. The hearing will take place during or after the December 2011 meeting.

Item B – 1 Request by Dale Hunter, to amend the 2012 NC Mechanical Code. The proposed amendment is as follows:

To include high end heat limiting technology on electric coiled ranges.

Motion – Al Bass/Second – Kim Reitterer/Denied – The request was denied unanimously.

Item B – 2 Request by Gary Phillips, Raleigh Plumbing & Heating, Inc., to amend the 2012 NC Plumbing Code, Section 417. The proposed amendment is as follows:

417.5.2 Shower lining. Floors under shower compartments, except where prefabricated receptors have been provided, shall be lined and made water tight utilizing material complying with Sections 417.5.2.1 through 417.5.2.6. Such liners shall turn up on all sides at least 2 inches (51 mm) above the finished threshold. Liners shall be recessed and fastened to an approved backing so as not to occupy the space required for wall covering, and shall not be nailed or perforated at any point less than 1 inch (25 mm) above the finished threshold. Liners shall be pitched one-fourth unit vertical in 12 units horizontal (2-percent slope) and shall be sloped toward the fixture drains and be securely fastened to the waste outlet at the seepage entrance, making a water-tight joint between the liner and the outlet. The completed liner shall be tested in accordance with Section 319.2.

Exceptions:

1. Floor surfaces under shower heads provided for rinsing laid directly on the ground are not required to comply with this section.
2. Where a trowel applied, liquid applied, sheet-applied, load bearing, bonded, waterproof membrane is installed as the shower lining, the membrane shall not be required to be recessed.

417.5.2.6 Liquid-type, trowel-applied, load bearing, bonded, waterproof membranes. Liquid-type, trowel-applied, load bearing, bonded, waterproof

membranes shall meet the requirements of ANSI A118.10 and shall be applied in accordance with the manufacturer's instructions.

Motion – Al Bass/Second – David Smith/Denied – The request was denied unanimously.

Item B – 3 Request by Jeremy Bertrand, with Log Homes of America, Inc., to amend the 2012 NC Residential Code, Table N1102.1. The proposed amendment is as follows:

**TABLE N1102.1
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a**

1. Log walls complying with ICC400 [Standard of the Design & Construction of Log Structures] and with a minimum average wall thickness of 5" or greater shall be permitted in Climate Zone 5 when overall window glazing is 0.34 U-factor or lower, and all other component requirements are met.

Motion – David Smith/Second – Al Bass/Granted – The request was granted unanimously and was referred to the Joint Energy/Residential Committee for review.

Proponent Fiscal Statement

Item B – 4 Request by Robert Privott, NC Home Builders Association, to amend the 2011 NC Electrical Code, Section 210.8 (A)(7). The proposed amendment is as follows:

Section 210.8 (A)(7)

(7) Laundry, utility, and wet bar sinks – where the receptacles are installed within 1.8 m (6 ft) of the outside edge of the sink

Motion – Mack Nixon/Second – Ralph Euchner/Granted – The request was granted unanimously and was referred to the Electrical Committee for review.

Proponent Fiscal Statement

Item B – 5 Request by Robert Privott, NC Home Builders Association, to amend the 2011 NC Electrical Code, Section 210.12(B). The proposed amendment is as follows:

Section 210.12 (B)

~~(B) Branch Circuit Extensions or Modifications—Dwelling Units. In any of the areas specified in 210.12 (A), where branch circuit wiring is modified, replaced, or extended, the branch circuit shall be protected by one of the following:~~

- ~~(1) A listed combination type AFCI located at the origin of the branch circuit~~
- ~~(2) A listed outlet branch circuit type AFCI located at the first receptacle outlet of the existing branch circuit~~

Motion – Al Bass/Second – Lon McSwain/Granted – The request was granted unanimously and was referred to the Electrical Committee for review.

Proponent Fiscal Statement

Item B – 6 Request by Robert Privott, NC Home Builders Association, to amend the 2011 NC Electrical Code, Section 210.52(I). The proposed amendment is as follows:

Section 210.52(I) Required Outlets

~~(I) — **Foyers.** Foyers that are not part of a hallway in accordance with 210.52(H) and that have an area that is greater than 5.6m² (60 ft²) shall have a receptacle(s) located in each wall space 900 mm (3 ft) or more in width and unbroken by doorways, floor-to-ceiling windows and similar openings.~~

Motion – Tom Turner/Second – Ed Moore/Granted – The request was granted unanimously and was referred to the Electrical Committee for review.

Proponent Fiscal Statement – No fiscal effect, this change clarifies the rule.

Item B – 7 Request by Robert Privott, NC Home Builders Association, to amend the 2011 NC Electrical Code, Section 404.2 (C). The proposed amendment is as follows:

Section 404.2 (C) Switches Controlling Lighting Loads

~~(C) Occupancy Sensor Switches Controlling Lighting Loads.~~

Motion – Mack Nixon/Second – David Smith/Granted – The request was granted unanimously and was referred to the Electrical Committee for review.

Proponent Fiscal Statement – No fiscal effect, this change clarifies the rule.

Item B – 8 Request by Robert Privott, NC Home Builders Association, to amend the 2011 NC Electrical Code, Section 406.4 (D)(4). The proposed amendment is as follows:

Section 406.4 (D)(4) Arc-Fault Circuit-Interrupter Protection

~~**406.4(D)(4) Arc-Fault Circuit-Interrupter Protection.** Where a receptacle outlet is supplied by a branch circuit requires arc fault circuit interrupter protection as specified elsewhere in this code, a replacement receptacle at this outlet shall be one of the following:~~

- ~~1. A listed outlet branch circuit type arc-fault circuit interrupter receptacle.~~
- ~~2. A receptacle protected by a listed outlet branch circuit type arc-fault circuit-interrupter type receptacle.~~
- ~~3. A receptacle protected by a listed combination type arc-fault circuit-interrupter type circuit breaker~~

~~This requirement becomes effective January 1, 2014.~~

Motion – Kim Reitterer/Second – David Smith/Granted – The request was granted unanimously and was referred to the Electrical Committee for review.

Proponent Fiscal Statement

Part C – Notice of Rulemaking Proceedings and Public Hearing

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings has been made

There were none.

Part D – Final Adoption

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings and Public Hearing has been made. The Public Hearings were held June 13, 2011. The Council will give no further consideration to Petitions that are disapproved. Petitions that are approved will proceed through the Rulemaking process.

Item D – 1 Request by James Bartl, AIA and Jim Tschupp, AIA, to amend the 2012 NC Administrative Code and Policies, Section 106. The proposed amendment is as follows:

Add Exception to 106.2.1 Requirements;

- Except projects using BIM-IPD process see 106.2.3.1

Add Exception to 106.2.2 Additional data;

- Except projects using BIM-IPD process see 106.2.3.1

106.2.3.1 Building Information Modeling – Integrated Project Delivery Projects.

BIM: model based technology linked with a data base of project information, using three dimensional, real time dynamic modeling software, to plan all building construction. The model encompasses building geometry, spatial relationships, geographic information, and quantities and properties of building components.

IPD: a project delivery method that integrates key participants (owner, Architect, Engineer, contractor, code official, et al), systems, business structures and practices into a process that collaboratively plans and constructs facilities. The collaborative process begins in early design and continues through all phases of design, fabrication and construction.

Commentary: this applies to any project delivery method employing three dimensional modeling software, to virtually construct all building components, by a collaborative team based process from design start to construction completion.

Projects employing a Building Information Modeling – Integrated Project Delivery (BIM-IPD) process will replace the requirements of 106.2.3, with the following permitting and inspection steps.

- a). At the project start, the owner’s project team (Architect, Engineer, Contractor, et al) will reach agreement with the Code Enforcement Official (CEO) on the prevailing code compliance strategy for the full scope of the project, to be documented in an electronic Appendix B format or an equivalent format, acceptable to the CEO.
- b). The CEO may issue a single project master permit, based on the initial project description and code compliance strategy agreement.
- c). The CEO shall work collaboratively to review building components or details as scheduled by the owner’s project team.
- d). The CEO shall inspect built work, as described in Section 107 of this code.
 - (1). Concurrence on compliance with the code, with respect to both the model and built product, will be gained before inspections are approved.

- e). The owner's project team will submit a validation document, at project substantial completion, documenting the building as constructed and compliance with the NC State Building Code, for records retention by the AHJ.

Validation document: may be a three dimensional model, two dimensional electronic drawings and records, or a combination of both, accurately reflecting the completed building as approved by the code official in the field, and verified with respect to same.

- Where the validation document varies from the approved virtual model regarding building code compliance, the related Architect/Engineer must approve the change.
- Receipt of the validation document will be a condition on issuance of Certificate of Occupancy.

The Building Committee met following the March Council meeting and offered the following amended language:

106.2.1 Requirements: (NO CHANGE TO SECTION)

Exception: Projects using BIM-IPD process see 106.2.3.1.

106.2.2 Additional data: (NO CHANGE TO SECTION)

Exception: Projects using BIM-IPD process see 106.2.3.1.

106.2.3 Review and Approval: (NO CHANGE TO SECTION)

106.2.3.1 Building Information Modeling – Integrated Project Delivery Projects

When proposed by the permit applicant and when acceptable to the authority having jurisdiction, the BIM-IPD process may be utilized, replacing the requirements of 106.2.3, with the following permitting and inspection steps.

a). At the project start, the owner's project team (Architect, Engineer, Contractor, et al) shall meet with the Code Enforcement Official (CEO) to determine the prevailing code compliance strategy for the full scope of the project, to be documented in an electronic Appendix B format or an equivalent format, acceptable to the CEO.

b). The CEO may issue a single project master permit, based on the initial project description and code compliance strategy agreement.

Commentary: The CEO should work collaboratively to review building components or details as scheduled by the owner's project team

c). The CEO shall inspect built work, as described in Section 107 of this code.

c.1). Concurrence on compliance with the code, with respect to both the model and built product, shall be gained before inspections are approved.

d) The owner's project team shall submit a validation document, at project substantial completion, documenting the building as constructed and compliance with the NC State Building Code, for records retention by the AHJ.

Validation document: may be a three dimensional model, two dimensional electronic drawings and records, or a combination of both, accurately reflecting the completed building as approved by the code official in the field, and verified with respect to same.

- Where the validation document varies from the approved virtual model regarding building code compliance, the related Architect/Engineer must approve the change.
- Receipt of the validation document shall be a condition on issuance of Certificate of Occupancy.

106.2.3.2 Definitions

BIM: model based technology linked with a data base of project information, using three dimensional, real time dynamic modeling software, to plan all building construction. The model encompasses building geometry, spatial relationships, geographic information, and quantities and properties of building components.

IPD: a project delivery method that integrates key participants (owner, Architect, Engineer, contractor, code official, et al), systems, business structures and practices into a process that collaboratively plans and constructs facilities. The collaborative process begins in early design and continues through all phases of design, fabrication and construction.

Commentary: This applies to any project delivery method employing three dimensional modeling software, to virtually construct all building components, by a collaborative team based process from design start to construction completion.

Motion – Lon McSwain/Second – Cindy Browning/Approved as amended above.

Item D – 2 Request by Vicky L. Moody, Project Manager, and Charles Knapp, Owner of Rooster Ridge Stairlifts, to amend the 2012 NC Building Code, Section 3409.8.3. The proposed amendment is as follows:

1109.7 Lifts. Platform (wheelchair) lifts are permitted to be a part of a required accessible route in new construction where indicated in Items 1 through 10. Platform (wheelchair) lifts shall be installed in accordance with ASME A18.1.

1. An accessible route to a performing area and speaker platforms in Group A occupancies.
2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements of Sections 1108.2.2 through 1108.2.6.
3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five.
4. An accessible route within a dwelling or sleeping unit.
5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in Group A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors.
6. An accessible route to jury boxes and witness stands; raised courtrooms stations including judges' benches, clerks' stations, bailiffs' stations, deputy clerks' stations and court reporters' stations; and to depressed areas such as the well of the court.
7. An accessible route to load and unload areas serving amusement rides.
8. An accessible route to play components or soft contained play structures.
9. An accessible route to team or player seating areas serving areas of sport activity.
10. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.

Exception: A chairlift that complies with ASME A18.1 shall be permitted to be a part of a required accessible route in new construction and in alterations of existing occupancies:

1. Religious organizations or entities controlled by religious organizations, including places of worship.

2. Private clubs or establishments exempted under Title II of the Civil Rights Act of 1964.

The Building Committee met following the March Council meeting and offered the following amended language:

3409.8.3 Platform lifts. Platform (wheelchair) lifts complying with ICC A117.1 and installed in accordance with ASME A18.1 shall be permitted as a component of an accessible route.

Exception: A chairlift that complies with ASME A18.1 shall be permitted to be a part of a required accessible route in alterations of existing occupancies in :

1. Religious organizations or entities controlled by religious organizations, including places of worship.
2. Private clubs or establishments exempted under Title II of the Civil Rights Act of 1964.

3409.8.3 Platform lifts. Platform (wheelchair) lifts complying with ICC A117.1 and installed in accordance with ASME A18.1 shall be permitted as a component of an accessible route.

3409.8.3.1 Inclined stairway chairlifts. Inclined stairway chairlifts that do not reduce the required means of egress and installed in accordance with ASME A18.1 shall be permitted as an component of an accessible route in alterations of existing occupancies in:

1. Religious organizations or entities controlled by religious organizations, including places of worship;
- or
2. Private clubs or establishments exempted under Title II of the Civil Rights Act of 1964.

Such inclined stairway chairlifts shall be approved for commercial use by the manufacturer and installed by approved factory trained installers.

Motion – Mack Nixon/Second – Lon McSwain/Approved as amended above.

Item D-3(a) Request by Jerry Tannery and Leon Skinner with the City of Raleigh, to amend the 2012 NC Fuel Gas Code, Section 311. The proposed amendment is as follows: [Note; the original item B-3 was modified at the meeting into B-3(a), B-3(b) and B-3(b) and is different from the agenda]

Section 311 Carbon Monoxide Alarms

311.1 Carbon monoxide alarms. In new construction, in one- and two-family dwellings and townhouses shall be provided with an approved carbon monoxide alarm installed outside of each separate sleeping area in the immediate vicinity of the bedroom(s) as directed by the alarm manufacturer.

311.2 Where required-existing dwellings. In existing dwellings, where interior alterations, repairs, or additions requiring a building permit occur, or where one or more sleeping rooms are added or created, or where fuel-fired appliances are added or replaced, Carbon Monoxide Alarms shall be provided in accordance with Section 313.1.1.

Exception: Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, or the installation of a fuel-fire appliance that cannot introduce Carbon Monoxide to the interior of the dwelling, are exempt from the requirements of this section.

311.3 Alarm requirements. The required Carbon Monoxide Alarms shall be audible in all bedrooms over background noise levels with all intervening doors closed. Single station Carbon Monoxide Alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions. Battery powered, plug-in, or hard-wired alarms are acceptable for use.

Motion – Ralph Euchner/Second – David Smith/Approved as amended above.

Item D-3(b) Request by Jerry Tannery and Leon Skinner with the City of Raleigh, to amend the 2012 Mechanical Code, Section 313. The proposed amendment is as follows:

Section 313 Carbon Monoxide Alarms

313.1 Carbon monoxide alarms. In new construction, in one- and two-family dwellings and townhouses shall be provided with an approved carbon monoxide alarm installed outside of each separate sleeping area in the immediate vicinity of the bedroom(s) as directed by the alarm manufacturer.

313.2 Where required-existing dwellings. In existing dwellings, where interior alterations, repairs, or additions requiring a building permit occur, or where one or more sleeping rooms are added or created, or where fuel-fired appliances are added or replaced, Carbon Monoxide Alarms shall be provided in accordance with Section 313.1.1.

Exception: Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, or the installation of a fuel-fire appliance that cannot introduce Carbon Monoxide to the interior of the dwelling, are exempt from the requirements of this section.

313.3 Alarm requirements. The required Carbon Monoxide Alarms shall be audible in all bedrooms over background noise levels with all intervening doors closed. Single station Carbon Monoxide Alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions. Battery powered, plug-in, or hard-wired alarms are acceptable for use.

Motion – Ralph Euchner/Second – David Smith/Approved as amended above.

Item D-3(c) Request by Jerry Tannery and Leon Skinner with the City of Raleigh, to amend the 2012 NC Plumbing Code, Section 315. The proposed amendment is as follows:

Section 315 Carbon Monoxide Alarms

315.1 Carbon monoxide alarms. In new construction, in one- and two-family dwellings and townhouses shall be provided with an approved carbon monoxide alarm

installed outside of each separate sleeping area in the immediate vicinity of the bedroom(s) as directed by the alarm manufacturer.

315.2 Where required-existing dwellings. In existing dwellings, where interior alterations, repairs, or additions requiring a building permit occur, or where one or more sleeping rooms are added or created, or where fuel-fired appliances are added or replaced, Carbon Monoxide Alarms shall be provided in accordance with Section 313.1.1.

Exception: Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, or the installation of a fuel-fire appliance that cannot introduce Carbon Monoxide to the interior of the dwelling, are exempt from the requirements of this section.

315.3 Alarm requirements. The required Carbon Monoxide Alarms shall be audible in all bedrooms over background noise levels with all intervening doors closed. Single station Carbon Monoxide Alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions. Battery powered, plug-in, or hard-wired alarms are acceptable for use.

Motion – Ralph Euchner/Second – Lon McSwain/Approved as amended above.

Item D – 4 Request by Luke Hirst, to amend the 2012 NC Plumbing Code, Section 403.2. The proposed amendment is as follows:

403.2 Separate facilities. Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units.
2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load, including both employees and customers, of 25 or less.
3. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 100 or less.
4. Where the code requires only one toilet facility for each sex, two unisex facilities may be substituted for separate sex facilities.

Motion – Al Bass/Second – Ralph Euchner /Approved with one No vote.

Item D – 5 Request by David Smith, NC Building Code Council, to amend Section R313 of the 2009 NC Residential Code and Section R315 of the 2012 NC Residential Code. The proposed amendment is as follows:

2009 NC Residential Code

R313.1.1 Carbon monoxide alarms. In new construction, in one- and two-family dwellings and townhouses shall be provided with an approved carbon monoxide alarm

installed outside of each separate sleeping area in the immediate vicinity of the bedroom(s) as directed by the alarm manufacturer.

R313.1.2 Where required-existing dwellings. For ~~in~~ existing dwellings, where interior alterations, repairs, or additions ~~fuel-fired appliance replacements, or additions~~ requiring a building permit occurs, or where one or more sleeping rooms are added or created, or where fuel-fired appliances are added or replaced, carbon monoxide alarms shall be provided in accordance with Section 313.1.1.

Exception: Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, or the installation of a fuel-fire appliance that cannot introduce carbon monoxide to the interior of the dwelling, are exempt from the requirements of this section.

R313.1.3 Alarm requirements. The required carbon monoxide alarms shall be audible in all bedrooms over background noise levels with all intervening doors closed. Single station carbon monoxide alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions. Battery powered, plug-in, or hard-wired alarms are acceptable for use.

2012 NC Residential Code

R315.1 Carbon monoxide alarms. In new construction, in one- and two-family dwellings and townhouses shall be provided with an approved carbon monoxide alarm installed outside of each separate sleeping area in the immediate vicinity of the bedroom(s) as directed by the alarm manufacturer.

R315.2 Where required-existing dwellings. For ~~in~~ existing dwellings, where interior alterations, repairs, or additions ~~fuel-fired appliance replacements, or additions~~ requiring a building permit occurs, or where one or more sleeping rooms are added or created, or where fuel-fired appliances are added or replaced, carbon monoxide alarms shall be provided in accordance with Section 313.1.1.

Exception:

Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, or the installation of a fuel-fire appliance that cannot introduce carbon monoxide to the interior of the dwelling, are exempt from the requirements of this section.

R315.3 Alarm requirements. The required carbon monoxide alarms shall be audible in all bedrooms over background noise levels with all intervening doors closed. Single station carbon monoxide alarms shall be listed as complying with UL 2034 and shall be installed in accordance with this code and the manufacturer's installation instructions. Battery powered, plug-in, or hard-wired alarms are acceptable for use.

Motion – Ralph Euchner/Second – Lon McSwain/Approved as amended above.

Item D – 6 Request by Angela Wooten, AIA, to amend the 2012 NC Building Code, Section 1210.1. The proposed amendment is as follows:

1210.1 Floors. In other than dwelling units, toilet and bathing room floors shall have a smooth, hard, nonabsorbent surface that extends upward onto the walls at least ~~6 inches (152mm)~~ 3 inches (76mm).

Motion – John Hitch/Second – Lon McSwain/Approved.

Item D – 7 Request by Wayne Hamilton, NC Fire Service Code Revision Committee, to amend the 2009 and 2012 NC Fire Code, Section 106. The proposed amendment is as follows:

**SECTION 106
INSPECTION SCHEDULES**

(Preceding text unchanged – Delete and substitute the last paragraph only)

~~On unattended or abandoned structures, the Fire Official shall affix a letter on the premises in a conspicuous place at or near the entrance to such premises requesting an inspection in accordance with Section 107 of this code. This order of notice shall be mailed by registered or certified mail, with return receipt requested, to the last known address of the owner, occupant or both. If the owner, occupant or both shall fail to respond to said notice within ten (10) calendar days, these actions by the Fire Official shall be deemed to constitute an inspection in accordance with this section.~~

On vacant structures, the Fire Code Official shall affix a notice on the premises in a conspicuous place at or near the entrance to such premises requesting an inspection in accordance with Section 106.1 of this code. If the owner, occupant or both shall fail to respond to said notice within ten (10) calendar days, this action by the Fire Code Official shall be deemed to constitute compliance with the inspection schedule.

Motion – Mack Nixon/Second – Bob Ruffner/Disapproved.

Item D – 8 Request by Robert Privott, NCHBA, to amend the 2009 Administrative Code and Policies, Section 107. The proposed amendment is as follows:

**SECTION 107
INSPECTIONS**

107.1 General. The inspection department shall perform the following inspections:

1. Footing inspection;
2. Under slab inspection, as appropriate;
3. Foundation inspection, wood-frame construction;
4. Rough-in inspection;
5. Building framing;
6. Insulation inspection;
7. Fire protection inspection; and
8. Final inspection

Footnote:

1. For residential construction, inspections shall be limited to the comprehensive list above. Requirements for additional

inspections must be approved by the North Carolina Building Code Council before being required by local jurisdictions except where unforeseen or unique circumstances exist. In the absence of approval by the Building Code Council the requirements for additional inspection shall have no force and effect.

Motion – David Smith/Second – Al Bass/Send back to the Administrative Codes and Policies Committee.

Part E – Reports

Chairman’s Report

-Dan Tingen announced that the September quarterly BCC meeting was moved to August 22-23 to avoid a schedule conflict.

-Dan Tingen reported that the Chatham County Appeal has been continued at the request of the attorney for the appellant. He stated that he discussed, with Brandon Truman, the Council’s handling of appeals in general. He asked that the Council look into how they could more efficiently handle appeals in the future. Mr. Truman suggested that the Council come up with a list of possible dates for appeals so that he could communicate those dates with all attorneys that would be involved. Mr. Tingen asked if the Council would rather have a separate date for appeals or rather wait to have the appeal during the regularly scheduled meeting. He then suggested on having one-day meetings to streamline the process and asked that Staff work with him to meet a new schedule.

-Dan Tingen stated that the website gave the implementation and publishing dates for all of the new codes. Mr. Tingen also stated that he noticed a note under the Administrative Code and Policies that there were no changes, when in fact there was a change that he wants to see incorporated into the document. The document that he wants to see included is as follows: Guidelines for Ad-Hoc Committee from the June 8, 2010 BCC meeting minutes.

-Discussion of Staff Interpretations – David Smith asked if all staff interpretations were posted online somewhere. Chris Noles stated that Staff gives too many interpretations to do that. Mr. Noles said that when DOI gets in numerous interpretations of one type, they are able to be generalized and placed on the website. Mr. Noles also stated that DOI is in the process of changing the OSFM website.

Ad Hoc Committee Reports

-Leon Skinner, 2012 Rehabilitation Code Ad Hoc Committee Chair, reported that the committee met on Thursday, August 18th, in an effort to be able to come before the Council to make their recommendations. Mr. Skinner stated that the Committee is working to try to update the Rehab Code to get their interpretations into the 2012 edition. He said the Committee is also going through a re-numbering structure in an effort to make the code more related to all the other code books, so that the numbering system is the same format for all. Mr. Skinner came before the Council to ask if they would be interested in forming an Ad Hoc Committee to look at the 2012 ICC Existing Building Code with North Carolina Amendments and incorporate it as the 2012 NC Existing Building Code that is on a regular code cycle with ICC. Dan Tingen asked for a motion to be made to move forward. David Smith made a motion for the Chair to appoint an Ad Hoc Committee with Leon Skinner as Chairman. The motion was seconded by Tom Turner and granted unanimously.

Standing Committee Reports

-David Smith, Residential Committee – House Bill 648 – Bill to define General Contractors, concerning changing the word ‘Architect’ to ‘Registered Design Professional’. Chris Noles stated that the General Contractor’s Board is heading up this effort with the affidavit.

Staff Reports

-Chris Noles reported that Staff is in the process of working on next generation training, trying to explore a little more into video and flash education.

-Chris Noles announced that a member of Staff, Billy Hinton, received the Lifetime Achievement Award at the 2011 NC Mechanical Inspectors Association Annual Meeting held at Atlantic Beach, NC.

Public Comments

-Vicky Moody, with Rooster Ridge Stairlifts, expressed to the Building Code Council and Staff her appreciation in working with them.

Part F – Appeals – Charlie Horne/Chatham County Board of Commissioners – NCBCC

This appeal may be rescheduled for Tuesday, December 13, 2011.

Sincerely,



Christian Noles, P.E.
Secretary, NC Building Code Council