

**Minutes of the North Carolina Building Council  
December 14, 2004  
Raleigh, NC**

All members of the North Carolina Building Code Council were present with the exception of Brad Lail.

The following are summary minutes. The official minutes of this meeting are recorded on tape. Anyone desiring verbatim tapes or excerpts from these tapes should contact the Engineering Division of the North Carolina Department of Insurance for information and reproduction costs. The next scheduled NC Building Code Council meeting will be held on March 7 and 8, 2005 in Wrightsville Beach, NC.

**Executive Order**

Chairman Tingen inquired upon any conflicts of interest or appearance of conflicts of interest that existed within the Council. No conflicts of interest were noted.

**Part A - Administration Items**

**Item A-1 Approval of minutes of the September 14, 2004 NC Building Code Council Meeting.**

Mack Nixon made a motion to accept the minutes. Marshall Knight seconded the motion. The motion carried.

**Item A-2 Letters of reappointment to the NC Building Code Council for John Hitch and Tom Turner.**

The council recognized the reappointment of John Hitch and Tom Turner.

**Item A-3 Request by the Jackson County Board of Commissioners to adopt the 2002 Fire Prevention Code.**

Al Bass made a motion to allow the adoption of the code. Barry Maness seconded the motion. The motion carried.

**Item A-4 Request by the Village of Pinehurst to adopt a local Fire Prevention Code.**

The council voted to allow the adoption of the code.

**Part B - New Petitions of 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 March 7, 2005.

**Item B-1 Request by the University of North Carolina system to modify sections 510.1, 510.2, 510.4, and 510.7 of the NC Mechanical Code to reflect the language in the 2004 supplement to the International Codes.**

Ken Kretchman and Bob Fraser spoke on behalf of NC State University. Al Bass made a motion to Grant the Petition to modify the Mechanical Code. Barry Maness seconded the motion. The motion carried.

**Item B-2     Request by the staff of the NC Department of Insurance to adopt the following codes with the 2002 NC Amendments:**

- A. 2006 NC Administrative Rules and Policies**
- B. 2003 International Building Code**
- C. 2003 International Energy**
- D. 2003 International Fire Prevention Code**
- E. 2003 International Fuel Gas Code**
- F. 2003 International Mechanical Code**
- G. 2003 International Plumbing Code**
- H. 2003 International Residential Code**

Barry Gupton spoke to the council on behalf of the NC Department of Insurance. Mr. Gupton stated that the intent of these code adoptions is to also include any modifications made by the current ad hoc committees. Marshall Knight expressed gratitude to Diane Miller for her extensive work on the Administrative Code. Marshall Knight made a motion to Grant the Petition for the adoption of the codes. Butch Simmons seconded the motion. The motion carried.

**Item B-3     Request by Tim Bradley, Deputy State Fire Marshal, to modify the 2002 NC Fire Prevention Code as follows:**

**105.6.7 Combustible dust producing operations. ~~Optional permit~~ Mandatory permit.** An operational permit ~~may be~~ is required to operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing combustible dusts as defined in Chapter 2.

Tim Bradley addressed the council concerning this issue. Mr. Bradley stated that this request was prompted by the devastating explosion of the West Pharmaceutical Plant in Kinston, NC. Al Bass and Tom Turner were concerned about the limitations this proposed mandatory permit would place on grist mills still in operation in the state. Mr. Bradley assured the council that grist mills, and similar operations, would not be negatively impacted. John Hitch made a motion to Grant the Petition. Alan Perdue seconded the motion. The motion carried.

**Item B-4     Request by Jerry Cashwell to modify the 2002 NC Fire Prevention Code as follows:**

**904.11.5.1 Movable cooking equipment shall be provided with an approved device to ensure that the equipment is correctly positioned in relation to the appliance discharge nozzle. Unless physically affixed to prevent movement, all other equipment shall be provided with permanent markings on the floor to indicate correct placement.**

Alan Perdue made a motion to deny this petition. Al Bass seconded the motion. The petition was denied.

**Item B-5     Request by Patrick Granson to modify the 2002 NC Building Code as follows:**

**308.5 Group I-4, day care facilities.** This group shall include buildings and structures occupied by persons of any age who receive custodial care for less than 24 hours by individuals other than parents or guardians, relatives by blood, marriage, or adoption, and in a place other than the home of the person cared for. A facility such as the above with five or fewer persons shall be classified as a Group R-3. Places of worship during religious functions are not included.

**308.5.2 Child care facility.** A facility that provides supervision and personal care on less than a 24-hour basis for more than five children 2 ½ years of age or less and when the rooms where such children are cared for are located on the level of exit discharge shall be classified as Group I-4. For children older than 2 ½ years of age shall comply with 1007.6 North Carolina State Building Code.

Patrick Granson with Mecklenburg County Code Enforcement spoke to the council on behalf of this item. Al Bass made a motion to grant the petition. Alan Perdue seconded the motion. The motion carried.

**Item B-6     Request by Icynene, Inc. to adopt section R806.4, Conditioned Attic Assemblies of the 2004 supplement to the International Residential Code.**

Randy Nicklas spoke to the council on behalf of this petition. Marshall Knight made a motion to Grant this Petition. John Hitch seconded the motion. The motion carried.

**Item B-7     Request by the North Carolina Building Code Council to adopt the “Rehabilitation Code” as cited in the North Carolina Session Law 2001-372. The document is available online at the following site: [www.ncrehabcode.com](http://www.ncrehabcode.com).**

John Dalrymple expressed gratitude to the council for their diligence in working on the Rehabilitation Code. Jim Bartl addressed the council in regards to this petition. Wanda Edwards, NCDOI staff, questioned who would train the inspectors in regards to the Rehabilitation code. Dave Crawford stated that training would be provided through a series of education seminars and would be open for the staff of NCDOI. Rex Pace addressed the issue of potential confusion with code language after the pilot program comes to an end in December 2005. Chairman Dan Tingen expressed thanks to the members of the Rehabilitation Code pilot program. Butch Simmons advised that all concerns be dealt with between NCDOI staff and members of the pilot program before March of 2005. Diane Miller warned that all responsibility would be placed on NCDOI. Alan Perdue suggested planning for potential appeals to the Rehab code due to the fact that most of the language in the code is written to be reasonable. Tim Bradley suggested a merger of the NC Existing Building Code and the Rehabilitation code and that strain would be placed on the NC Qualification Board to provide specialized training in the code. John Hitch made a motion to grant this petition. Butch Simmons seconded the motion. The motion carried.

## Part C – Notice of Rulemaking Proceedings and Public Hearing

The attached Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings has been made. The Public Hearing was held December 13, 2004 and the Final Adoption meeting will take place on or after March 8, 2005. No further action is required by the Council at this time.

### Item C-1 Request by NCBIA to modify the 2003 International Building Code as follows:

**707.14.1 Elevator lobby.** ~~An elevators opening into a fire resistance rated corridor as required by Section 1016.4 lobby shall be provided with an elevator lobby at each floor containing such a corridor where an elevator shaft enclosure connects more than three stories. The lobby shall separate the elevators shaft enclosure doors from the corridor each floor by fire partitions and the required opening protection. Elevator lobbies shall have at least one means of egress complying with Chapter 10 and other provisions within this code.~~

#### Exceptions:

1. (No change to current text)
2. Elevators not required to be located in a shaft enclosure in accordance with Section 707.2.
3. (No change to current text)
4. In other than Group I-3, and buildings having occupied floors located more than ~~four stories~~ 75 feet above the lowest level of fire department vehicle access, lobby separation is not required where the building, ~~including the lobby and corridors leading to the lobby,~~ is protected by an automatic sprinkler system installed ~~throughout~~ in accordance with Section 903.3.1.1 or 903.3.1.2.
5. Smoke partitions shall be permitted to separate the elevator lobby at each floor where the building is protected by an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.
6. Elevator lobbies are not required provided that the elevator shaft enclosure is pressurized in accordance with Section 909.20.5.

Barry Gupton, NCDOI staff member, addressed the council on behalf of the NCBIA.

### Item C-2 Request by NCBIA to modify the NC Building Code as follows:

**1003.3.1.8 Locks and Latches.** Egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

#### Exceptions

1. Places of detention or restraint
2. In buildings in occupancy Group A having an occupant load ~~300~~ less than 100, Groups B, F, M and S, ~~and in churches~~ the main exterior door or doors are permitted to be equipped with key operated locking devices from the egress side provided:

2.1 The locking device is readily distinguishable as locked and provided with a key that cannot be removed when the door is locked from the inside.

This brings the section in line with the requirements for panic hardware in section 1003.3.1.9.

Lon McSwain, staff with Mecklenburg County, addressed the council regarding this item.

**Item C-3 Request by the Residential Code and Energy Conservation Code Committees to revise the requirements for moisture control as dealt with in the International Energy Code.**

Delete section 502.1.1 and substitute the following:

**502.1.1 Moisture Control.** The building design shall not create conditions of accelerated deterioration from moisture condensation. Only in Zone 11, above grade shall frame walls, floors, and ceilings not ventilated to allow moisture to escape be required to have an approved vapor retarder. The vapor retarder shall be installed on the warm-in-winter side of the thermal insulation.

**Exceptions:**

1. In construction where moisture or its freezing will not damage the materials.
2. Where other approved means to avoid condensation are provided.

Delete section 802.1.2 and substitute the following:

**802.1.2 Moisture Control.** Only in Zone 11, shall all frame walls, floors, and ceilings not ventilated to allow moisture to escape be required to have an approved vapor retarder having maximum permeance rating of 1.0 perm ( $5.72 \times 10^{-8}$  g/Pa-s-m<sup>2</sup>) when tested in accordance with Procedure A of ASTM E96, on the warm-in-winter side of the thermal insulation.

**Exceptions:**

1. In construction where moisture or its freezing will not damage the materials.
2. Where other approved means to avoid condensation in unventilated frame wall, floor, roof, and ceiling cavities are provided.

Marshall Knight addressed the council regarding this item.

**Item C-4 Request by the Residential Code and Energy Conservation Code Committees to revise the requirements for vapor retardation as dealt with in the International Energy Code.**

IBC Section 1403.3 is revised below to be consistent with action that passed concerning EC 32-03/04. Revise the 2002 NC Building Code, Section 1403.3 as follows:

**1403.3 Vapor retarder.** ~~An approved interior noncorrodible vapor retarder shall be provided. Vapor retarders shall be tested in accordance with ASTM E 96.~~ Vapor retarder requirements shall comply with the *International Energy Code*.

**Exceptions:**

- ~~1. Where other approved means to avoid condensation and leakage of moisture are approved.~~
- ~~2. Plain and reinforced concrete or masonry exterior walls designed and constructed in accordance with Chapter 19 and Chapter 21, respectively.~~

No comment was made regarding this item.

**Item C-5 Request by NC Fire Service Code Revision Committee to modify the NC Fire Prevention Code as follows:**

**804.1.1 Restricted occupancies.** Natural cut trees shall be prohibited in Group A, E, I-1, I-2, I-3, I-4, M, R-1, R-2, and R-4 occupancies.

**Exceptions**

1. Trees located in areas protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 shall not be prohibited in Groups A, E, M, R-1 and R-2.
2. *In religious assembly occupancies when in the opinion of the Fire Official adequate safeguards have been taken treated natural cut Christmas trees are permitted. The tree shall be treated and maintained flame resistant in accordance with the test protocol listed in Appendix H.*
3. Trees shall be permitted within dwelling units in Group R-2 occupancies.

No comment was made regarding this item.

**Item C-6 Request by Tim McLaughlin to modify the NC Mechanical Code as follows:**

**1301.2 Permits.** Fuel-oil storage systems shall comply with the International Fire Code. Fuel-oil piping systems shall comply with the requirements of this code.

**Exception**

Fuel-oil storage tanks for one- and two-family dwellings and townhouses shall comply with Section 1309.

**Section 1309 Oil tanks for one- and two-family dwellings and townhouses.**

**1309.1 Materials.** Supply tanks shall be listed and labeled and shall conform to UL 142 for aboveground tanks, UL 58 for underground tanks, and UL 80 for inside tanks.

**1309.2 Above-ground tanks.** The maximum amount of fuel oil stored above ground or inside of a building shall be 660 gallons (2498 L). The supply tank shall be supported on rigid noncombustible supports to prevent settling or shifting.

**1309.2.1 Tanks with buildings.** Supply tanks for use inside of buildings shall be of such size and shape to permit installation and removal from dwellings as whole units. Supply tanks larger than 10 gallons (38 L) shall be placed not less than 5 feet (1524 mm) from any fire or flame either within or external to any fuel-burning appliance.

**1309.2.2 Outside above-ground tanks.** Tanks installed outside above ground shall be a minimum of 5 feet (1524 mm) from an adjoining property line. Such tanks shall be suitably protected from the weather and from physical damage.

**1309.3 Underground Tanks.** Excavations for underground tanks shall not undermine the foundations of existing structures. The clearance from the tank to the nearest wall of a basement, pit or property line shall not be less than 1 foot (305 mm). Tanks shall be set on and surrounded with non-corrosive inert materials such as clean earth, sand or gravel well tamped in place. Tanks shall be covered with not less than 1 foot (305mm) of earth. Corrosion protection shall be provided in accordance with section 1309.8.

**1309.4 Multiple tanks.** Cross connection of two supply tanks shall be

permitted in accordance with Section 1309.7.

**1309.5 Oil Gauges.** Inside tanks shall be provided with a device to indicate when the oil in the tank has reached a predetermined safe level. Glass gauges or a gauge subject to breakage that could result in the escape of oil from the tank shall not be used.

**1309.6 Flood-resistant installation.** In areas prone to flooding as established by Table R301.2(1) of the International Residential Code, tanks shall be installed at or above the design flood elevation established in Section R327 of the International Residential Code or shall be anchored to prevent flotation, collapse and lateral movement under conditions of the design flood.

**1309.7 Cross connection of tanks.** Cross connection of supply tanks, not exceeding 660 gallons (2498 L) aggregate capacity, with gravity flow from one tank to another, shall be acceptable provided that the two tanks are on the same horizontal plane.

**1309.8 Corrosion protection.** Underground tanks and buried piping shall be protected by corrosion resistant coatings or special alloys or fiberglass-reinforced plastic.

Marshall Knight addressed the council regarding this item.

**Item C-7 Request by Residential Committee to clarify the current code language dealing with waterproofing that is required for habitable basements as detailed in the Residential Code.**

**R406.2 Concrete and masonry foundation basement waterproofing.**

~~In areas where a high water table or other severe soil water conditions are known to exist,~~ Exterior foundation basement walls that retain earth and enclose habitable or usable spaces located below grade shall be waterproofed with a membrane extending from the top of the footing to the finished grade.

**Exception**

Exterior basement walls that retain earth and enclose usable spaces located below grade may be dampproofed where a subsurface soil investigation is performed to determine that the existing ground-water table is not within 5 feet (1524 mm) below the lowest floor level.

The membrane shall consist of 2-ply hot-mopped felts, 55 pound (25 kg) roll roofing, 6-mil (0.15 mm) polyvinyl chloride, 6-mil (0.15 mm) polyethylene or 40-mil (1 mm) polymer-modified asphalt. The joints in the membrane shall be lapped and sealed with an adhesive compatible with the waterproofing membrane.

**Exception:** Organic solvent based products such as hydrocarbons, chlorinated hydrocarbons, ketones, and esters shall not be used for ICF walls with expanded polystyrene form material. Plastic roofing cements, acrylic coatings, latex coatings, mortars and parings are permitted to be used to seal ICF walls. Cold setting asphalt or hot setting asphalt shall conform to type C of ASTM D449. Hot asphalt shall be applied at a temperature of less than 200 degrees.

No comments were made regarding this item.

**Item C-8     Request by NCBIA to modify the NC Residential Code as follows:**

**R318.3 Specific approval.** Plastic foam not meeting the requirements of Sections R318.1 and R318.2 may be approved specifically on the basis of one of the following approved tests: ~~ASTM E 84~~, FM 4880, UL 1040, ASTM E 152, or UL 1715, or fire tests related to actual end-use configurations. The specific approval may be based on the end use, quantity, location and similar considerations where such tests would not be applicable or practical.

Ray Adams of NCBIA, Dave Lovich of Owens-Corning, and Cyrus Dastur of Advanced Energy addressed the council regarding this item. An interpretation received from NCDOT on August 23, 1993 was given to the council to review in regards to this item.

**Item C-9     Request by the Residential Code and Energy Code Committees to revise section R322.1 dealing with Moisture Control in the Residential Code.**

Delete section R322.1 and substitute the following:

**R322.1 Moisture Control.** Only in Zone 11 counties identified in Table N1101.2, above grade shall frame walls, floors and ceilings not ventilated to allow moisture to escape be required to have an approved vapor retarder. The vapor retarder shall be installed on the warm-in-winter side of the thermal insulation.

**Exceptions:**

1. In construction where moisture or its freezing will not damage the materials.
2. Where the framed cavity or space is ventilated to allow moisture to escape.

Delete the following without replacement:

1. Note "a" in Table N1101.2 without replacement.
2. Superscript "a" that appears beside certain counties in Table N1101.2 for the state of North Carolina.

No comments were made regarding this item.

**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 Hearing was held September 13, 2004 and the Final Adoption meeting took place on December 14, 2004. 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 staff to adopt the 2005 NEC, including amendments from the 2002 NC Electrical Code. The committee recommends approval of amendment 210-8(A)(3) for sewage lift pumps. The committee does not recommend approval of amendment 210.71 for smoke alarms.**

Lon Culbertson, NCBCC member and chairman of the Electrical Code Ad Hoc Committee, spoke on behalf of this item. Mr. Culbertson expressed his desire to not modify the NEC in any way. Alan Perdue questioned the issues of the electrical contractors role, final inspections, and the location and wiring of smoke alarms. Marshall Knight expressed his concern with issues regarding the electricians not having the correct codes and raising

construction costs for the contractor and homeowner. Mack Nixon mentioned the burdens placed on inspections departments and time conservation issues for home owners and contractors. Butch Simmons did not concur with Mr. Nixon's argument. Ron Chilton, NCDOT staff member, addressed the council regarding this issue. Mr. Chilton discussed the concerns of homeowners in neighborhoods with pools and the unexplained voltage found in those neighborhoods. Jim Bartl questioned the making of a code rule that was once optional into a requirement. Mack Nixon made a motion to retain the 2002 NEC, 250.50 language. Marshall Knight seconded the motion. The motion carried. The issue will be reviewed by NCDOT staff. Marshall Knight made a motion to adopt the rule. Barry Maness seconded the motion. The motion carried. March 1, 2005 will be the effective date.

**Item D-2 Request to add a new Section 102.5 in the Administrative Code and in the scoping provisions of all other codes to notify owners, designers, contractors, and licensees that other agencies, boards, and commissions may have additional minimum construction requirements for licensure. [Hearing only]**

**102.5 Requirements of other State agencies, occupational licensing boards, or commissions.** The North Carolina State Building Codes do not include all additional requirements for buildings and structures that may be imposed by other State agencies, occupational licensing boards, and commissions. It shall be the responsibility of a permit holder, design professional, contractor, or occupational license holder to determine whether any additional requirements exist.

Butch Simmons stated that it appears that the boards do not want to cooperate with the inspections departments. Mr. Simmons said he would compose a letter to send to the boards regarding this issue. John Hitch requested clarification of the numbering of this item. Diane Miller stated that the proposed language would be renumbered to fall in numerical order with the rest of the Administrative Code. Marshall Knight made a motion to adopt the rule. Tim Reynolds seconded the motion. The motion carried.

**Part E - Reports**

**Building Code Council Standing Committee Reports**

**Ad Hoc Committee Reports and Meeting Dates**

**Building Code Committee (Chapters 1-15)**

Butch Simmons, Chairman

Meeting dates: January 13, 2005; February 3, 2005

Proposed completion date: February 2005

**Building Code Committee (Chapters 16 - end)**

Tom Avery, Chairman

No meeting has been scheduled at this time.

Proposed completion date: March 2005

**Electrical Code Committee**

Lon Culbertson, Chairman

### **Energy Code Committee**

Tom Turner, Chairman

Meeting dates: January 18, 2005; February 1, 2005

Proposed completion date: February 2005

### **Fire Prevention Code Committee**

Alan Perdue, Chairman

Meeting dates: January 6, 2005

Proposed completion date: March 2005

### **Fuel Gas Code Committee**

Terry Greene, Chairman

Meeting dates: January 12, 2005; January 26, 2005; February 9, 2005

Proposed completion date: March 2005

### **Mechanical Code Committee**

Al Bass, Chairman

Meeting dates: January 19, 2005; February 16, 2005

Proposed completion date: March 2005

### **Plumbing Code Committee**

Al Bass, Chairman

Meeting dates: January 5, 2005; February 2, 2005

Proposed completion date: March 2005

### **Residential Code Committee**

Marshall Knight, Chairman

Meeting dates: January 4, 2005; January 27, 2005; February 8, 2005;

February 22, 2005; March 22, 2005; April 5, 2005; May 3, 2005

Proposed completion date: May 2005

**Please note: All Ad Hoc Committee meetings will begin at 9:00AM, with the exception of the Energy Code Ad Hoc Committee which meets at 9:30AM, and will be held at the NC Department of Insurance located at 322 Chapanoke Road, Suite 200, Raleigh, NC 27603. Any changes will be relayed to the appropriate committee and its members.**

### **Staff Reports**

Wanda Edwards addressed the council in regards to the printing of the 2006 NC Code Books. She presented two sets of options to the council. The first set of options are as follows:

1. Printing the codes as they are presently (International Code pages with NC Amendment pages inserted) and printing the commentary separately.
2. Printing the codes with commentary and blue pages.
3. Printing options one and two.

The second set of options are as follows:

1. Printing the NC Code (International Code with NC Amendments) and printing the commentary separately.
2. Printing the NC Code (International Code with NC Amendments) and commentary together.
3. Printing options one and two.

Marshall Knight made a motion to print the NC Code with the Commentary included. Barry Maness seconded the motion. The motion carried.

Ms. Edwards also addressed the issues of putting the codes on CD. Vaughn Wicker, an ICC representative, explained the process to the committee.

Ms. Edwards also informed the council that the minutes of the Ad Hoc Committee meetings would be put on the website [www.ncbuildingcodes.com](http://www.ncbuildingcodes.com).

Ms. Edwards also informed the council of the schedule for final adoption of the codes. Final adoption of the 2006 NC codes will be September 2005. January or March 2006 will be the effective date with the exception of the Residential Code. This time frame is to allow for training. Marshall Knight made a motion to accept this time frame. Barry Maness seconded the motion. The motion carried.

Ms. Edwards also presented the council with a Power Point presentation in regards to the achievements of the NC Department of Insurance after the reorganization in April 2004. She gave statistics regarding the volume of telephone calls received, plans reviewed, interpretations written, and visitors received for the Interpretations and Plan Review Sections. Ms. Edwards also revealed the departments desire to build a team concept within these two sections. The sections plan on making all plan reviews available to the public via the internet, attending designer education classes on plan reviews, holding "round table" discussions and/or surveys for the customers they serve, and analyzing software.

During the work session on Monday December 13, 2004, Ms. Edwards also discussed an email sent to Chairman Tingen regarding fiscal note requirements. It was decided that the economic impact of modifications to the codes will be decided upon in the ad hoc committees. Documents regarding additional costs and savings shall be prepared. The emphasis will be placed on mandatory changes made in the codes.

### **Other Reports**

The issue concerning appendices in the codes was discussed. The council expressed concern with some of the information found in the appendices because it is not enforceable. The council decided to leave the decision making up to the ad hoc committees.

### **Part F - Appeals**

The following Appeals have been scheduled since the last Council meeting. These Appeals require Council hearing and action but are not subject to the Rulemaking process.

#### **Item F-1 Hocutt Memorial Baptist Church of Burlington, NC vs. the Burlington Fire Department (Inspections)**

Mack Nixon made a motion to uphold the decision of the Burlington Fire Marshal. Alan Perdue seconded the motion. The motion carried.

Sincerely,

Barry Gupton, PE  
Secretary, NC Building Code Council