

May 17, 2002

Mr. Barry Gardner
Shelco, Inc.
3120 Highwoods Blvd./Ste 100
Raleigh, NC 27604

RE: Agenda for the June 11, 2002 Building Code Council Meeting

Dear Barry:

This is to officially notify you and other interested parties of a regularly scheduled meeting of the Building Code Council to be held at 9:00am, June 11, 2002 at the Wake County Commons located at 4011 Carya Drive, Raleigh, NC 27610. The work session is scheduled for June 10, 2002 at 1:00pm at the same location. The work session is open to the public on a non-contributing basis.

Persons requiring auxiliary aid or service should notify the Council at least (10) working days prior to the meeting.

There are four new Council members joining the Council. Terry Greene, gas industry representative is replacing Robert Pierce; Lon Culbertson, electrical engineer, is replacing Greg Mulholland; Barry Maness, mechanical contractor; is replacing William Bullock and Tim Reynolds, electrical contractor is replacing Dennis Norris.

ITEM 1 - APPROVAL OF MINUTES OF THE DECEMBER 11, 2001, BUILDING CODE COUNCIL MEETING.

ITEM 2 - DISCUSSION OF MOTION APPROVED AT LAST COUNCIL MEETING TO INCORPORATE FUTURE EDITIONS OF THE INTERNATIONAL CODES BY REFERENCE INTO THE NORTH CAROLINA CODES

ITEM 3 - ELECTION OF OFFICERS

ITEM 4 - APPEAL BY ARCADIS ENGINEERING OF REQUIREMENT FOR SMOKE DETECTION SYSTEM FOR BIOSOLIDS COMPOSTING FACILITY IN THE CITY OF GOLDSBORO

ITEM 5 - RESOLUTIONS HONORING GREG MULHOLLAND, ROBERT PIERCE, DENNIS NORRIS AND WILLIAM BULLOCK

NOTICE

In accordance with the Administrative Procedures Act, the Council will take no action on the items listed below. The APA requires an agency to accept comments on proposed rule changes for 60 days after publication in the Public Register. The publication was released on May 15, 2002; therefore, the Council will not take action on any proposed code changes until after July 15, 2002 and until fiscal notes are prepared.

COMMITTEE REPORTS

BUILDING COMMITTEE

The Building Committee met on March 12, 2002 and April 23, 2002, and considered the following proposals:

ITEM 6 - PROPOSAL BY BILL ZIEGERT OF THE SMOKE SAFETY COUNCIL TO REVISE SECTION 707.14.1 OF THE NC BUILDING CODE AS FOLLOWS:

707.14.1 Elevator lobby. Elevators opening into a fire resistance rated corridor as required by Section 1004.3.2.1 and elevators opening into non-rated corridors of A, E, I, M, and R occupancies with occupant loads of 30 or more, shall be provided with an elevator lobby at each floor containing such a corridor. The lobby shall completely separate the elevators from the corridor by ~~fire barriers~~ smoke partitions as defined in Section 710, and required opening protection. Elevator lobbies shall have at least one means of egress complying with Chapter 10 and other provisions of this code.

Committee recommendation: Denied.

ITEM 7 - PROPOSAL BY THE NC BUILDING INSPECTOR'S ASSOCIATION TO REVISE SECTION 302.3.3 EXCEPTION 2 AS FOLLOWS:

The private garage R-3 occupancies shall be separated from the residence and its attic area by means of minimum ½ inch (12.7 mm) gypsum board applies to the garage side. Door openings between the garage and the residence shall be equipped with either solid wood doors not less than 1-3/8 inches (35 mm) thick, solid or honeycomb core steel doors not less than 1-3/8 inches (35 mm) thick or doors in compliance with Section 714.2.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.

Committee recommendation: Approved as amended.

BUILDING AND FIRE PREVENTION COMMITTEES

The Building and Fire Prevention Committees met jointly on March 12, 2002 to study the following item:

ITEM 8 – STUDY THE REQUIREMENT IN SECTION 903.2.1.3 FOR CHURCHES WITH OCCUPANCIES OF 300 OR GREATER TO BE SPRINKLERED AND MAKE RECOMMENDATIONS TO THE FULL COUNCIL.

Committee recommendation: Revise Section 903.2.1.3 as follows:

903.2.1.3 Group A-3. An automatic sprinkler system shall be provided for Group A-3 occupancies where one of the following conditions exists:

1. The fire area exceeds 12,000 square feet (1115 m²).
2. The fire area has an occupant load of 300 or more.

Exceptions:

1. This requirement shall not apply to assembly occupancies used primarily for worship with fixed seating and not part of a mixed occupancy or a non-separated use.
2. This requirement shall not apply to assembly occupancies consisting of a single multipurpose room of less than 12,000 ft² (1100 m²) that are not used for exhibition or display and are not part of a mixed occupancy or a non-separated use.
3. The fire area is located on a floor other than the level of exit discharge.

MECHANICAL COMMITTEE

The Mechanical Committee met on March 13, 2002 and considered the following proposals:

ITEM 9 – REQUEST BY DANIEL GLEIBERMAN OF FALCON WATERFREE TECHNOLOGIES TO REVISE SECTION 419 AND 425 AS FOLLOWS:

419.1 Approval. Urinals shall conform to ASME 112.19.2, CSA B45.1 or CSA B45.5. Urinals shall conform to the water consumption requirements of Section 604.4. Urinals shall conform to the hydraulic performance requirements of ASME 112.19.6, CSA B45.1 or CSA B45.5.

Urinals that do not use water shall be permitted provided the urinals

- (1) provide a barrier liquid sealant contained in a removable trap to maintain the trap seal;
- (2) permit the uninhibited flow of water through the trap to the sanitary drainage system;
- (3) comply with ANSI Z124.9 and ASME 112.19.2, as applicable,
- (4) a working water supply line shall be provided and installed for all urinal rough-ins; however, a flushometer valve, flush tank, or similar device shall not be required for urinal fixtures that comply with the waterless test requirements of ANSI Z124.9.

425. Flushing devices required. Each water closet, urinal, clinical sink, and any plumbing fixture that depends on trap siphonage to discharge the fixture contents to the drainage system shall be provided with a flushometer valve, flushometer tank or a flush tank designed and installed to supply water in quantity and rate of flow to flush the contents of the fixture, cleanse the fixture, and refill the fixture trap.

A flushometer valve, flush tank, or similar device shall not be required for urinal fixtures that comply with the waterless test requirements of ANSI Z124.9 and which:

- (1) provide a barrier liquid sealant contained in a removable trap to maintain the trap seal;
- (2) permit the uninhibited flow of water through the trap to the sanitary drainage system;
- (3) comply with ANSI Z124.9 and ASME 112.19.2 as applicable, and
- (4) a working water supply line shall be provided and installed for all urinal rough-ins.

Committee recommendation: Approved.

ENERGY COMMITTEE

The Energy Committee met on March 13, 2002 and considered several proposals. The items were recommended for further study pending a joint meeting of the Residential and Energy Committees. Prior to the joint committee meeting, two of the proposals were withdrawn. The Residential and Energy Committees met on April 23, 2002. The third item was denied by the committee and was not appealed by the proponent.

JOINT STRUCTURAL AND RESIDENTIAL COMMITTEES

The Structural and Residential Committees met jointly on March 19, 2002 to consider the following items and proposals:

ITEM 10 – PROPOSAL BY NANETTE McELMAN OF IBHS TO INCLUDE WINDBORNE DEBRIS PROTECTION IN BUILDING CODE AS PRINTED IN SECTION 1609.1.4, TABLE 1609.1.4 AND SECTION 1609.2 OF THE 2000 INTERNATIONAL BUILDING CODE

Committee recommendation: Include windborne debris protection for structures within 1500 feet of the mean high water mark of the Atlantic Ocean, as printed in Section 1609.1.4, Table 1609.1.4 and Section 1609.2 of the 2000 International Building Code.

ITEM 11 – PROPOSAL BY NANETTE McELMAN OF IBHS TO INCLUDE WINDBORNE DEBRIS PROTECTION IN RESIDENTIAL CODE AS PRINTED IN SECTION R301.2.1.2, TABLE R301.2.1.2 AND SECTIONS R613.4 AND R613.7 OF THE 2000 INTERNATIONAL RESIDENTIAL CODE

Committee recommendation: Include windborne debris protection for structures within 1500 feet of the mean high water mark of the Atlantic Ocean, as printed in

**Section R301.2.1.2, Table R301.2.1.2 and Sections R613.4 and R613.7 of the
2000 International Residential Code.**

ITEM 12 - OTHER ITEMS

Sincerely,

Wanda D. Edwards, PE
Secretary