

**FLORIDA BUILDING COMMISSION
LIGHTNING PROTECTION WORKGROUP
EMBASSY SUITES BY HILTON
9300 BAYMEADOWS ROAD
JACKSONVILLE, FLORIDA 32256**

**February 12, 2018
9:00 a.m.**

WORKGROUP MEMBERS PRESENT:

John Barber
Joe Belcher
Eric Boettcher
Jay Carlson
Ken Castonovo
Mike Dillon
Kevin Flanagan
Shane Gerwig

Jeff Gross
Bryan Holland
Mark Morgan
David Rice
Jeff Sargent
Brad Schiffer
Joseph Territo

WORKGROUP MEMBER NOT PRESENT:

DEPARTMENT STAFF PRESENT:

Tom Campbell
Mo Madani
Chris Burgwald
Jim Hammers

Justin Vogel
Chris Howell
Robert Benbow

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from the FCRC Consensus Center at Florida State University. Information at: <http://consensus.fsu.edu/>

Welcome and Introduction:

Mr. Blair stated it is now 9 a.m. and he welcomed Workgroup members, staff and the public to the February 12, 2018 meeting of the Lightning Protection Workgroup.

Roll Call:

Mr. Blair called the roll and a quorum was determined with 15 of 15 members present.

Agenda Review and Approval:

Mr. Blair covered the agenda and purpose of the meeting today. He then asked for a motion to approve the agenda as posted.

Commissioner Flanagan entered a motion to approve the agenda as posted. Mr. Belcher seconded the motion. The motion passed unanimously with a vote of 15 to 0.

**Review and Approval of Minutes and Facilitator's Summary Report for January 18, 2018
Teleconference Call:**

Mr. Morgan advised that Lightning was spelled incorrectly on the minutes.

Commissioner Schiffer entered a motion to approve the Minutes as amended and Facilitator' Summary Report for the January 18, 2018 Teleconference call as posted. Mr. Belcher seconded the motion. The motion passed unanimously with a vote of 15to 0.

Review of the Commission's Workgroup Meeting Guidelines, Consensus-Building and Decision-Making Process and Sunshine Requirements:

Mr. Blair provided a brief overview of the decision-making process, procedural policies and reminded the group of the Sunshine Law. He advised the group of the requirement of a 75% favorable vote on recommendations to mandate a decision should a 100% vote not be achievable. Mr. Blair stated that should the group not be able to achieve the 75% acceptance, documentation of differences would be provided for those options that achieved 50% or more support from the Workgroup.

Briefing on Project Background Information:

Mo Madani, provided members with an overview of relevant background information. He advised that there was background documents linked to the Workgroup Agenda

Work Plan:

Mr. Madani explained the full work plan for the group.

Presentations:

Bryan Holland, NEMA provided a power point presentation providing reasoning to add this mandate to the Florida Building Code. In addition during the presentation he provided a list of recommendations.

Work Group Discussion:

Discussion was held among the members of the Workgroup.

A) Status Quo Proposal: No Change to FBC

Mr. Barber and Mr. Territo provided the examples of their reasons to keep status quo.

Public Comment:

Public comments were heard by the Workgroup.

Mr. Blair requested the rating for Option A.

Rating of A:

8= Acceptable, I agree

0= Acceptable, I agree with minor reservations

2= Not Acceptable, I don't agree unless major reservations addressed

5= Not Acceptable

53% in favor Option did not achieve consensus level of support.

Option B:

Mr. Blair stated at this time Option B would be skipped and the group would proceed to Option C.

Option C: Chapter 27 requirement for all occupancies of the FBC-B (Modification 6460 with minor revisions):

Mr. Holland explained Option C with reference to his presentation and the need for this requirement to be added to the Code. He did state that family dwellings could be included as he feels that it should and would be beneficial.

Mr. Holland then explained **Option D** Chapter 27 requirement for the uses and occupancies detailed in Chapter 4 of the FBC-B, with 10 exceptions, **Option E** Chapter 4 requirement for the uses and occupancies detailed in the Chapter, with 10 exceptions, **and Option F** Chapter 4 requirement applying to the (9) medical-type uses and occupancies only (Section 449, 450, 451, 452, 457, 463, 464, 467, and 469) for comparison to **Option C**.

LUNCH BREAK 11:40 a.m.:

Mr. Blair excused the group for a lunch break.

Reconvene 1:05 p.m.:

Mr. Blair brought the meeting back to order, he stated he would like to offer some suggestions one not repeating points already discussed go for clarifying questions and logical next steps.

Commissioner Flanagan asked what will occur if there is not a 75% consensus on one of the options.

Mr. Blair said if there are any additional proposals today, then probably the most likely suggestion would be send their ideas to the TACs.

Mr. Blair requested the rating for Option C.

Rating of C:

5= Acceptable, I agree

1= Acceptable, I agree with minor reservations

1= Not Acceptable, I don't agree unless major reservations addressed

8= Not Acceptable

40% in favor Option did not achieve consensus level of support.

Commissioner Flanagan stated he would like the same language in D and E that we added to C.

Mr. Holland said it would be in all 4 proposals.

Mr. Blair requested the rating for Option D.

Rating of D:

5= Acceptable, I agree

1= Acceptable, I agree with minor reservations

1= Not Acceptable, I don't agree unless major reservations addressed

8= Not Acceptable

40% in favor Option did not achieve consensus level of support.

Mr. Blair requested the rating for Option E.

Rating of E:

5= Acceptable, I agree

1= Acceptable, I agree with minor reservations

1= Not Acceptable, I don't agree unless major reservations addressed

8= Not Acceptable

40% in favor Option did not achieve consensus level of support.

Mr. Blair requested the rating for Option F.

Rating of F:

5= Acceptable, I agree

2= Acceptable, I agree with minor reservations

0= Not Acceptable, I don't agree unless major reservations addressed

8= Not Acceptable

45% in favor Option did not achieve consensus level of support.

Mr. Blair requested the rating for Option G.

Rating of G:

2= Acceptable, I agree

2= Acceptable, I agree with minor reservations

2= Not Acceptable, I don't agree unless major reservations addressed

11= Not Acceptable

27% in favor Option did not achieve consensus level of support.

Mr. Blair stated that H and I would only be rated if there was a consensus which there has not been so therefore the group can look at B option.

Mr. Morgan stated B would be the same as H and I if there was a consensus which there was not.

Mr. Blair advised there was not a consensus reached on any of the proposals and asked if there had been any change of mind on any of the votes.

Commissioner Flanagan stated his concerns on not hearing H. He would like to see these systems added and mandated in the code excluding 1 and 2 family buildings.

Mr. Blair said it would combine C and H.

Discussion followed on the combination of C and H.

Mr. Blair requested the rating for the combination of Options C and H.

Rating of C+H:

2= Acceptable, I agree

1= Acceptable, I agree with minor reservations

3= Not Acceptable, I don't agree unless major reservations addressed

9= Not Acceptable

27% in favor Option did not achieve consensus level of support.

H and I were not rated separately as they were conditioned on a favorable vote of an option.

Mr. Blair asked if the members to express concerns as Mr. Holland will be bringing a code modification on this matter.

The Workgroup members expressed their thoughts on a code modification.

Public Comments:

Ken Friend, Jasper Thompson Lightning Protection stated NFPA, provided information on one the prior statements of 780 not referring to UL 96. He further provided data on other countries and their process for new technologies. Mr. Friend stated the new technologies need to be reviewed from overseas.

Next Steps:

Mr. Blair stated this will conclude this workshop. He advised this will need to be addressed during the 2020 code cycle.

Adjourn:

Commissioner Schiffer entered a motion to adjourn. Commissioner Flanagan seconded the motion. The motion passed unanimously with a vote of 15 to 0.

The meeting adjourned at 2:13 p.m.