

OKLAHOMA UNIFORM BUILDING CODE COMMISSION

**ELECTRICAL TECHNICAL COMMITTEE
MEETING MINUTES**

**CONSTRUCTION INDUSTRIES BOARD/UNIFORM BUILDING CODE COMMISSION
CONFERENCE ROOM**

**2401 NW 23RD STREET, SUITE 2F
OKLAHOMA CITY, OK 73107
DECEMBER 5, 2018 - 1:30 P.M.**

COMMITTEE MEMBERS PRESENT:

Ross Barrick, Jack Bradley, James Sorenson, and Anthony Stewart

COMMITTEE MEMBERS ABSENT:

David Adcock, Steve Nievar, John Staires

ALTERNATE MEMBERS PRESENT:

Samuel Haberman and Derric Pruitt

ALTERNATE COMMITTEE MEMBERS ABSENT:

Larry Rogers

OTHERS PRESENT:

Kathy Hehnlly (Staff - OUBCC), Lindsay Heinrichs (Staff-OUBCC), Jeff Sargent (NFPA representative), and Gary Williamson (CIB)

CALL TO ORDER:

Mr. James Sorenson called the meeting of the Oklahoma Uniform Building Code Commission (OUBCC), Electrical Technical Committee (ETC) to order at 1:34 p.m. in the Construction Industries Board/Uniform Building Code Commission Board Room at Shepherd Mall, 2401 NW 23rd St., Suite 2F, Oklahoma City, OK 73107.

CONFIRMATION OF ALTERNATES:

Mr. Sorenson asked Ms. Heinrichs to identify any alternates present and if they would be able to motion and vote. Ms. Heinrichs noted the two alternatives Mr. Samuel Haberman and Derric Pruitt were present and would not be able to motion and vote.

DISCUSSION AND ACTION ITEMS:

Discussion and possible action on the review of Chapter seven of the 2017 National Electrical Code®

Mr. James Sorenson stated he was tabling Chapter 7 because he felt there wasn't enough time for the committee to review from last week's meeting. The committee agreed.

Discussion and possible action on ETC CCF #14, Article 700.16 – Emergency Illumination

Mr. Samuel Haberman stated in Article 700.16 Emergency lighting systems were defined shall be designed and installed so the failure of an individual lighting element doesn't leave a space in complete darkness. He added his understanding of the code context was more from a pre LED

market terminology (as he knew for it to exist before emergency LED within the lighting industry over the last ten years. He noted in his opinion it was not clear if the definition applied to the lighting element being the source of the light like the lamp; if it was the driver, or was it the extent of the fixture itself. He asked when a person had an exterior wall pack above an egress door if it didn't have two drivers was a person required to have two lights above the door. He added he believed a person would, but was not practiced. He noted he sent the comment form in for clarification and possibly to add or exclude the driver and ballast from the definition of a lighting element. He stated based on his experience, the driver and ballast would be excluded from the definition of lighting element. Mr. Barrick stated if this was just one area he could understand a lamp because that would be a maintenance problem, but if a driver or ballast failed, technically a person should have an electrician to do the work which could increase the time frame of scheduling which would be a longer delay for the area to not be illuminated. There was discussion on a room having a laminar or lighting fixture over an egress door and leaving the word "lamp" so the room would have a backup and would not be in complete darkness. The committee agreed the room should have two sources of lighting. There was discussion on the lamp or driver being a single point of failure; that a "lighting element wasn't defined in the NEC®; providing more than one fixture in a room; and if the fixture would be on battery back up for emergency situations. There was further discussion on including the driver as part of the fixture for safety. There was discussion on the wording in the comment form concerning where to add in the words "Ballast and LED driver" and whether to leave the words "Burning out" or change to "Failure".

MR. JACK BRADLEY MADE A MOTION WITH A SECOND BY MR. ROSS BARRICK TO APPROVE CCF #14 WITH MODIFICATIONS BY STRIKING THE WORDS "BURNING OUT" AND REPLACING IT WITH THE WORD "FAILURE" AND ADDING THE WORDS "BALLAST, OR LED DRIVER," AFTER THE WORD "LAMP," AND STRIKING THE LAST SENTENCE "INDIVIDUAL LIGHTING ELEMENT DOES NOT APPLY TO THE DRIVER OR BALLAST OF THE LUMINAIRE."

VOTING AYE: Ross Barrick
 Jack Bradley
 James Sorenson
 Anthony Stewart

VOTING NAY: None

ABSENT: David Adcock
 Steve Nievar
 John Staires

ABSTAIN: None

Discussion and possible action on setting a future meeting schedule to include:

(1) Meeting dates

Mr. Sorenson stated the dates available for the months of January, February, March, April and May of 2019. The committee agreed on dates for the upcoming meetings.

MR. JACK BRADLEY MADE A MOTION WITH A SECOND BY MR. ANTHONY STEWART TO APPROVE THE FUTURE MEETING DATES

VOTING AYE: Ross Barrick
 Jack Bradley
 James Sorenson
 Anthony Stewart

VOTING NAY: None

ABSENT: David Adcock
 Steve Nievar
 John Staires

ABSTAIN: None

Discussion and possible action on public comment forms received to date, if any:

There were no submitted public comment forms.

Assignment to review for the January 9, 2019 meeting

Mr. Sorenson stated for the next meeting the committee would need to review chapters 7 and 8. Ms. Heinrichs added the comment forms from Mr. Staires from chapters 5 and 6 would also be on the agenda as they were previously tabled.

PUBLIC COMMENTS:

Mr. Jeff Sargent representing National Fire Protection Association (NFPA) stated it was a pleasure to be at the meeting and to serve the committee. He added he wished he could have been here for some of the earlier meetings, but his schedule didn't permit. He stated one point he wanted to make because the committee was well into the life expectancy of the 2017 NEC®, there was 17 amendments issued for the 2017 NEC® and he wanted to make the committee aware of it and ask the question if the committee was reviewing the Tentative Interim Amendments (TIA) as part of the review process. Mr. Barrick replied he was going to get those and while the committee was reviewing the NEC® to review those as well. Mr. Sargent stated some of them had an impact, the one on the marinas as far as the GFP protection was better than what is in the first printing of the 2017 NEC®. He explained the TIA process was a process in which the NEC® could be changed in between regular revision cycles. He added they did go for public review, and it was kind of a bridged code revision process. He stated any TIA's that were accepted for a certain addition to the code automatically went into the hopper for public input for the next edition of the code. So for the 2020 NEC® the TIA's were put in for the committees to review. He added one more thing, in the section the committee talked about making the amendment there has been some action on that in the 2020 NEC® revision process, but nothing was official at this point, but he could share with the committee that they did specifically during the second comment phase of the process the liability of unit equipment and it wasn't balloted it so he didn't want to say too much, but the committee could go on the website and take a look at what the committee had done so far. They did remove a single lighting element and talked about lighting sources and some concerns that it was to the point which needed two battery packs and in the second round they addressed that issue which

hasn't been balloted yet and he didn't want to share the information with the committee and wasn't official. He thanked the committee for allowing him to speak today.

ADJOURNMENT: 2:19 p.m.

MR. JACK BRADLEY MADE A MOTION WITH A SECOND BY MR. ANTHONY STEWART TO ADJOURN

VOTING AYE: Ross Barrick
 Jack Bradley
 James Sorenson
 Anthony Stewart

VOTING NAY: None

ABSENT: David Adcock
 Steve Nievar
 John Staires

ABSTAIN: None

Minutes approved in Committee Meeting on the 9th day of January, 2019.

JOHN STAIRES
Mr. John Staires, Chairman
Electrical Technical Committee

PREPARED BY: LINDSAY HEINRICHS
Ms. Lindsay Heinrichs, Administrative Assistant
Oklahoma Uniform Building Code Commission

Official Copy: Original with signatures in office file