ELECTRICAL TECHNICAL ADVISORY COMMITTEE
THIS MEETING WILL BE HELD VIA TELECONFERENCE/WEBINAR
MEETING VIRTUALLY AT MICROSOFT TEAMS MEETING
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Phone Conference id: **947 014 835#**

May 29, 2026
10:30 A.M.

Minutes

ELECTRICAL TAC PRESENT:

James Schock, Chairman
Neal Burdick
Ken Castronovo
Steve Chutka for Vince Della Croce
Shane Gerwig
Michael Giordano
Wilfredo Gonzalez
Bryan Holland
Joseph Territo
Clarence Tibbs
Roy Van Wyk

STAFF PRESENT:

Mo Madani
Norman Bellamy
Sabrina Evans
Marlita Peters
Justin Vogel
Jim Hammers
Alan Burke
Melissa Compass

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from Facilitated Solutions, LLC. Consultation, Process Design & Facilitation. Information at: facilitatedsolutions.org

Time: 10:30 a.m.

Mr. Blair welcomed everyone to the meeting of the Electrical TAC.

Roll Call:

Mr. Blair performed roll call for the Electrical TAC. A quorum was determined with 11 members present at roll call.

Agenda Approval:

Mr. Holland moved to approve the agenda for today's meeting as posted. Mr. Burdick seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Approval of the minutes from February 25, 2026:

Mr. Holland moved to approve the minutes from February 25, 2026, as posted. Commissioner Schock seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Declaratory Statements

DS 2026-022 by Shane Kittendorf of City of Cape Coral

Staff:

Mr. Madani provided the background information on the declaratory statement request, along with the questions posed and full staff analysis.

Staff Analysis:

Question #1:

For the specific installation described above, a wood-framed residential dock equipped with electrical systems (boat lift, luminaires, and receptacles), does NEC 555.13, as adopted by the Florida Building Code, require bonding of the permanently affixed metal ladder that extends into and is in direct contact with the water?

Answer:

The answer to the Petitioner's question is yes. Pursuant to Section 555.13 of the 2020 National Electrical Code (NEC), all metal parts in contact with the water, as well as all non-current carrying metal parts likely to become energized, are required to be bonded to the grounding system. Accordingly, the permanently affixed metal ladder at issue must be bonded to the grounding system in accordance with Section 555.13 of the 2020 NEC.

Question #2:

For the same installation, does the presence of energized electrical equipment located on the dock (including a boat lift, luminaires, and receptacles) cause the metal ladder, which is affixed to the structure and in contact with the water, to be considered a “non-current-carrying metal part likely to become energized under NEC 555.13, thereby requiring bonding?

Answer: See answer to question 1.

Question #3:

For the described dock installation, does the requirement in NEC 555.13 for “all metal parts in contact with the water” apply to the metal ladder independent of its connection to the electrical system, solely based on its physical condition of being in contact with the water?

Answer: See answer to question 1.

Question #4:

For the described installation, where electrical equipment is present on the dock and the metal ladder extends into the water, should the potential for electrical current to be introduced into the water be considered in determining whether the metal ladder is required to be bonded under NEC 555.13, due to the risk of electrical shock hazards to the individuals using or swimming near the dock?

Answer: See answer to question 1.

Discussion:

Mr. Territo asked the petitioner a question.

Mr. Kittendorf provided an answer to Mr. Territo’s question.

Petitioner:

Shane Kittendorf, Building Official of City of Cape Coral, provided details on the declaratory statement.

Public Comment:

Joshua Maxwell, Engineer at Bellingham Marine and current member of panel 7 for NFPA 70, provided a comment.

Mike Silvers, Florida Roofing and Sheet Metal Contractors Association (FRSA), provided a comment.

Doug Harvey provided a comment.

Paul Seff, Easton Corporation and current member of panel 7 for NFPA 70, provided a comment.

David Engelhart, Collier County Florida Electrical Plan Reviewer, provided a comment.

Robert Greco, Electrical Contractor in Cape Coral, provided a comment.

Joe Belcher, Florida Home Builders Association (FHBA), provided a comment.

Discussion:

Commissioner Schock provided a comment.

Motion:

Commissioner Schock entered a motion to recommend approval of the staff's analysis. Mr. Holland seconded the motion.

Discussion:

Members of the TAC and staff went into discussion with questions and comments.

Motion Continued:

The motion passed with a vote of 8 to 3.

Other TAC Business:

None.

Public Comment:

None.

Member and Staff Comment:

None.

Adjourn:

There being no further business before the Committee, Chairman Schock adjourned the meeting at 11:10 a.m.