SWIMMING POOL TECHNICAL ADVISORY COMMITTEE
CONCURRENT WITH
ELECTRICAL TECHNICAL ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA
WEB URL https://global.gotomeeting.com/join/305857077
AUDIO: DIAL-IN NUMBER 1 877 309 2070
CONFERENCE CODE: 305-857-077
Friday, April 29, 2016
10:00 AM until completion

SWIMMING POOL TAC PRESENT:

Jordan Clarkson      Bill Dumbaugh
Mark Pabst       Gordan Shepardson
Bob Vincent       John Whaler

SWIMMING POOL TAC NOT PRESENT:

James Batts, Chairman Thomas Allen
Kevin Flanagan John O'Connor
Corky Williams

STAFF PRESENT:

Jim Richmond Mo Madani
April Hammonds Chris Burgwald
Chip Sellers Joe Bigelow
 Robert Lorenzo Nick Duval
 Marlita Peters

OTHERS PRESENT:

Jennifer Hatfield, Florida Swimming Pool Association
Craig Miller, University of Florida
Bruce Kershner, United Pool and Spa Association
Cam Fentriss, Building a Safer Florida
Jamie Gascon, Miami-Dade County
Tom Baker, CED Technology
Russell Simmons, CED Technology
Welcome:

Time:  10:00 am

Marlita Peters welcomed everyone to the concurrent teleconference call of the Swimming Pool TAC and ElectricalTAC. She provided information for the callers on how to mute systems to avoid background noise.

Roll Call:

Ms. Peters performed roll call for the Swimming Pool TAC. A quorum was determined with 6 members present.

Agenda Approval:

Mr. Whaler entered a motion to approve the agenda for today’s meeting as posted. Mr. Pabst seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Approval of the Minutes from April 4, 2016

Mr. Whaler entered a motion to approve the minutes from the April 4, 2016 meeting as posted. Mr. Pabst seconded the motion. The motion passed unanimously with a vote of 6 to 0.

Review/Approval Swimming Pool Electrical Safety Factsheet and Educational Training Module Content

Mr. Madani provided a brief summary of the project and why this meeting is necessary. He gave background of how the project was brought forward. Mr. Madani stated the reason for this meeting is to review the outline of the education part as presented by the University of Florida by contract through BASF. He provided detail of the outline for the TAC. Mr. Madani stated that the project is funded by BASF and contracted through UF. He said Cam Fentriss and Craig Miller are both on the line and can answer questions. Mr. Madani stated that we would like their comments on this project as the plan is to be completed by the end of this fiscal year, so we have until around June 15 to complete this.

Mr. Miller stated that based on the outline provided and feedback from some resources, the proposal that Mr. Madani provided gives the target audience and content outline that will be covered in the fact sheet. He said the components will be supported by existing resources and as needed massage these to get the summaries where they are understandable. Mr. Miller said there will be a four to six page fact sheet that will be the basis for a one hour CEU course that would address current issues as they evolve between now and June thus allowing updating as we go
forward. He further stated that they would like to have a self-assessment included in this for the participants, it would not be a posttest it would just be an assessment that yes they understand the content of the issues or no they need to do some refreshing. Mr. Miller said if there were any questions feel free to ask. He said from feedback and what Mr. Madani has presented this would be a 1 hour approved CEU course on the swimming pool and electrical safety.

Cam Fentriss stated that BASF is the one is doing this under the contract that they have with DBPR and the Florida Building Commission, they oversee this.

Mr. Gerwig asked after the review of the fact sheet why the Miami-Dade technical amendment is listed that is not consistent with the current requirement. He asked if this is included as part of the fact sheet will it make it confusing to the remainder of the State.

Mr. Madani said this is more of informational piece and if you feel that this is going to cause a problem feel free to ask that it be removed, however, this is a fact sheet just to provide information there is nothing that will be mandated. Mr. Madani stated that Miami-Dade requirements are already has a mandate as a local requirement. He said this is an informational piece for educational purposes and should not be interpreted as a requirement

Mr. Tibbs stated that he agrees it is confusing to see Miami-Dade on the sheet.

Mr. Territo stated he would like to see GFI protection and bonding added to the content.

Mr. Holland said that part 5 has a huge gap between new construction and maintenance and repair. He said the focus should be on this.

Public Comments:

Jennifer Hatfield stated that they agree with comments that have been made and that focus is on repairs but all is good. She said that UL1081 reference should be included and additional stray voltage. Ms. Hatfield said she understood from the October meeting there was direction for the contractors; however, there was also recommendation for flyers and communications for consumers are completed.

Ms. Hammonds asked who they would recommend distribute the flyers and other communications.
Review/Approval Swimming Pool Electrical Safety Factsheet and Educational Training Module Content (cont.):

Ms. Hatfield said the Associations would be glad to help

Ms. Fentriss said that they already have thirty different faxes out and they received calls on them. She said most of these have been developed by Mr. Miller’s group at UF and they have done a great job with the information provided.

Mr. Wilkes joined and stated he had been on the call from the beginning but was having issues with the phone system. He said that he supports Miami-Dade being included. He asked if this could be the Legislative request or mandate, the Code requirements.

Mr. Madani stated this is for educational purposes and not the mandate from the Legislature.

Mr. Hammonds stated this issue could be discussed with Mr. Richmond.

Mr. Richmond advised this would have to be discussed at a future meeting as it is not included on the agenda and not part of this outline up for discussion today.

Mr. Wilkes stated he would recommend at that meeting that this be mandatory for all pool contractors.

Mr. Wilkes stated that Miami-Dade should require handouts for the Contractors to provide to their clients.

Ms. Hammonds suggested that Mr. Wilkes take the requirement for pool contractors to be taken to the Construction Board as the Commission does not have any regulatory authority.

Mr. Holland stated the public is acting favorably to the education requirements as well as the industry.

Mr. Vincent entered a motion exactly the same as the Electrical TAC for approval of the outline with amendments Attachment A. Mr. Whaler seconded the motion. There was a role vote called.

Mr. Clarkson - Yes, Mr. Dumbaugh – Yes, Mr. Pabst – Yes, Mr. Shephardson – Yes, Mr. Vincent – Yes, Mr. Whaler – Yes. The motion passed unanimously with a vote of 6 to 0.

There was no further public comment.

Roll call was performed again with all 10 members remaining on the call.

The meeting adjourned at 10:48 am.
ATTACHMENT A - Swimming Pool Electrical Safety
Factsheet and Educational Training Module Content Outline

I. Informational/Educational Fact Sheet (4-6 pages)

Target Audience: Professionals installing, maintaining, repairing or replacing luminaires or related equipment in and around public and private swimming pools.

Content Outline:

i. Licensing, permit requirements and relevant definitions/safety issues.

ii. Relevant codes and standards, review to include:
   a. FBC, Building Chapter 4, Section 454.1.4 Electrical systems
   b. FBC, Residential Chapter 42 Swimming Pools [Electrical Provisions]
   c. NEC Article 680 Swimming Pools, Fountains, and Similar Installations
   d. UL 676: Underwater Luminaires and Submersible Junction Boxes
      (NEMA resources)
   e. Miami-Dade Technical amendments to FBC

iii. Underwater luminaires and related equipment - Low voltage lighting, bonding (equipotential bonding), grounding (wet-niche, no-niche luminaire), field wiring (dry niche luminaire).

iv. Products under UL 676 standard.

v. Maintenance and Repair – preventative maintenance, retrofitting/replacement, safety precautions. (Expand...)

vi. Appropriate reference and relevant local, state, and industry contacts.

vii. GFI Protection and Bonding

viii. UL 1081

ix. Stray Voltage

II. Training Module (~ 1- hour presentation)

Target Audience: Professionals involved with swimming pool design, construction, maintenance and repair.

Content Outline:

i. Current issues/status of code amendments

ii. Summary of relevant FBC and NEC codes and standards (UL)

iii. Overview of proper ground and luminaire bonding

iv. Review of proper maintenance/servicing, repair and retrofitting

v. Self-assessment question/answer (handout)

vi. Training Evaluation (handout)

For comments/feedback/questions, please contact Craig Miller, UF/PREC, (352) 392-1513 or craigmil@ufl.edu