

**ELECTRICAL TECHNICAL ADVISORY COMMITTEE
CONCURRENT WITH
SWIMMING POOL TECHNICAL ADVISORY COMMITTEE
TELECONFERENCE MEETING FROM TALLAHASSEE, FLORIDA**

WEB URL <https://global.gotomeeting.com/join/632324309>

AUDIO: DIAL-IN NUMBER 1 866 899 4679

CONFERENCE CODE: 632-324-309

**Tuesday, May 24, 2016
10:00 AM until completion**

ELECTRICAL TAC PRESENT:

Kevin Flanagan, Chairman
Ken Castronovo
Oriol Haage
David Rice
Dwight Wilkes

Neal Burdick
Shane Gerwig
Bryan Holland
Clarence Tibbs

ELECTRICAL TAC NOT PRESENT:

Joseph Territo

Roy Van Wyke

STAFF PRESENT:

Jim Richmond
April Hammonds
Chip Sellers
Nick Duval
Marlita Peters

Mo Madani
Jim Hammers
Joe Bigelow
Jeff Blair

OTHERS PRESENT:

Jennifer Hatfield, Florida Swimming Pool Association
Chris Sloan

Welcome:

Time: 10:00 am

Mr. Blair welcomed everyone to the concurrent teleconference call of the Electrical TAC and Swimming Pool TAC. He provided information for the callers on how to mute systems to avoid background noise.

Roll Call:

Mr. Blair performed roll call for the Electrical TAC. A quorum was determined with 9 members present.

Agenda Approval:

Mr. Wilkes entered a motion to approve the agenda for today's meeting as posted. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 9 to 0.

Approval of the Minutes from April 29, 2016

Mr. Gerwig entered a motion to approve the minutes from the April 29, 2016 meeting as posted. Mr. Tibbs seconded the motion. The motion passed unanimously with a vote of 9 to 0.

Mr. Blair stated he would compile a list of the public attendees that wish to speak on any subject matter and would advise when they would be acknowledged to speak.

Discussion and recommendations to the Commission regarding whether further discussion is necessary to finalize the study regarding minimizing electrocutions linked to swimming pools as directed by [HB 535](#) Swimming Pool TAC:

Mr. Madani provided background information on the subject matter for the call. He continued with a detailed report of the progress of the project as outlined in the report posted on the agenda highlighting the proposed Code updates and changes.

Mr. Richmond stated he would like to preface the call today by echoing some comments that were made in the prior proceedings. He continued by stated with a fathers due respect to Mr. Sloan and the horrific loss of his son, the charge from the Bill does not identify any particular incident that the group is meeting to address. Mr. Richmond stated to the extent that there are concerns that there the items moving forward at this point would not have prevented anything that occurred in the past is not really a reason not to be concerned about it moving forward but whether or not it has been reasonable calculated and reasonable measures to prevent an

Discussion and recommendations to the Commission regarding whether further discussion is necessary to finalize the study regarding minimizing electrocutions linked to swimming pools as directed by [HB 535](#) Swimming Pool TAC (cont):

electrocution around a swimming pool and whether it makes it safer within the realm of reason for Florida pools. Mr. Richmond stated he would like to avoid discussion at this point as to whether or not these measures would have prevented any of the instances that have occurred in the past.

Mr. Blair added that the group is not there to discuss the current code amendments under evaluation as there is a 45 day window for comments and that would be the appropriate venue to do so. He stated if there are specific comments on specific amendments that are under consideration, you will need to submit those through the online procedure and the TACs will evaluate them at their meetings in July, those will not be discussed today.

Mr. Blair continued by saying the meeting today is to discuss whether or not there are additional items that need to be discussed or evaluated not the proposal but should the Commission reconvene the task force to conduct further evaluation or are there additional items to be added for review. He further stated the group needs to stay away from code and direct attention to any additional items that would need to be evaluated.

TAC Comments:

Mr. Wilkes asked if the April 29th action will continue the training module.

Mr. Madani stated as soon as the review is complete it will be reviewed again by the TAC and should be completed by fiscal year end.

Mr. Holland stated the summary is complete and feels that one thing that is not fully addressed is existing pools that may not have permits or alterations. He asked if the Commission would be the route to take to bring this to legislation to educate the public and feels that this needs further addressing.

Mr. Richmond asked if there is something required in legislation that needs to be specifically address or if this is something he feels needs to be done through outreach to the public.

Mr. Holland stated there are special programs that need to be addressed to get information out to the homeowners. He feels that there is a need for stronger emphasis on this area.

Mr. Richmond stated one concern is unpermitted that is covered in statute and unlicensed brings in other licensing boards that have authority to address.

Discussion and recommendations to the Commission regarding whether further discussion is necessary to finalize the study regarding minimizing electrocutions linked to swimming pools as directed by [HB 535](#) Swimming Pool TAC (cont.):

Mr. Madani stated in dealing with existing swimming pools, the Building Code does not get into maintenance or is not retro-active so in that manner you are dealing with outside programs and could be done through other initiatives but he does not see the code to be the mechanism to use.

Mr. Wilkes stated he received an email from Ms. Hatfield and would like to discuss after public comment.

Mr. Flanagan stated he understood we are covering the private pools and existing pools under development in phase two.

Mr. Madani stated yes for inspections, permits, etc. but he thinks what is being addressed is the non-permit for work and the actual process for existing pool permitting.

Ms. Hammonds stated as a legal matter unless there is a triggering event, laws are not allowed to be what is called ex post facto, there are constitutional rights to property where you cannot go into someone's property and asked to see their pool, there would have to be a triggering factor.

Mr. Holland stated the concern he has is there are sections that do require code relevance. He said his concern is that we need this to go back to the legislature from the Commission so that they can be addressed and educate the public. He also said Miami-Dade does have procedures that will allow them to go on the property to inspect.

Mr. Richmond stated that Mr. Holland has brought up issues that clearly has items that could be worthy of further discussion and this is why we are here today so that it can be discussed in the future.

Mr. Blair stated this could be added to the list for the TAC to review and voted on.

Public Comments:

Chris Sloan stated that has been an increasing number of unfortunate incidents, one just happening recently that had a fatality that was caused by faulty wiring. He said there are three companies that have devices that alert if there are any electrical surges in a pool, he feels there needs to be more education on what can be used to detect electrical power in a pools.

Jennifer Hatfield stated that she had sent an e-mail to all and would like these issues to be discussed. She listed the issues and expanded on the ideas.

Discussion and recommendations to the Commission regarding whether further discussion is necessary to finalize the study regarding minimizing electrocutions linked to swimming pools as directed by [HB 535](#) Swimming Pool TAC (cont.):

1. Require an electrical inspection on the entire property, including testing of proper grounding and bonding, at time of sale of the house.
2. Require ongoing electrical inspections of the property to meet insurance renewal requirements every X amount of years (working with the insurance industry to hash out the specifics).
3. Request increased funding for combating unlicensed activity and increased funding for educational outreach similar to the educational materials currently being worked on (to ensure consumers are aware of the pitfalls and dangers of not hiring licensed contractors and not following code requirements).
4. Encourage adoption of the 2017 NEC to ensure Florida has the latest/greatest electrical code requirements, skipping over the 2014 edition (the 2017 NEC has pool lift requirements that are not in the 2014 or 2011 NEC, for example).
5. Request the Legislature to fund a study to determine the extent of pool electrical problems and how best to address the 1.3 million existing residential pools in Florida (this would provide actual data on the depth of the problem and how best to address in future code editions or glitch cycles).
6. Suggest 1 hour of a ch. 489 pool contractor's 14 hours of CE requirements include an electrical education class (which many are already taking voluntarily thru education courses provided by FSPA, IAEE and others).

Mr. Blair stated that there had been several ideas introduced and he is now asking the TACs if they feel there needs to be further meeting of the task force to discuss in joint meeting to prepare for the legislature as mandated.

TAC Comments:

Mr. Wilkes stated whether now or next meeting, the thoughts are whether or not the products are brought in for discussion these should be alternatives in education. He stated on #6 the one hour electrical for electricians and pool contractors just as ADA are mandatory and he feels this may be the best way but could require legislative backing to address. Mr. Wilkes also stated the highly encouraged would be to have the ability the electrical code as any other standard and should be addressed so we are not lagging behind.

Mr. Holland asked when they meet again in July would the two TACs meet at the same time.

Mr. Madani stated the code changes were taken up by both TACs and they will be a joint meeting in July for the code changes with comments.

Discussion and recommendations to the Commission regarding whether further discussion is necessary to finalize the study regarding minimizing electrocutions linked to swimming pools as directed by [HB 535](#) Swimming Pool TAC (cont.):

Mr. Holland asked if they could have additional time in July to further discuss with more information providing it is a month away.

Mr. Richmond stated the Task Force would meet not the TACs. He said staff will meet to set a time to allow this to take place and have time to achieve resolution.

Mr. Blair after July first they would be able to put information together for the Commission to achieve report as mandated by the legislature.

Additional Public Comment:

None

Mr. Blair asked for a motion to accept the six points of discussion proposed by Ms. Hatfield.

Mr. Flanagan stated he also thought we were including Mr. Sloan's suggestion.

Mr. Blair stated yes.

Mr. Flanagan entered a motion to accept the six points of discussion as proposed by Ms. Hatfield and to also include proposal by Mr. Sloan. Mr. Wilkes seconded the motion. The motion passed unanimously with a vote of 9 to 0.

There was no further public comment.

Roll call was performed again with all 9 members remaining on the call.

Mr. Wilkes entered a motion to adjourn the meeting. Mr. Pabst seconded the motion. The motion passed unanimously 9-0.