

LOG OF MEETING
OFFICE OF HAZARD IDENTIFICATION AND REDUCTION

PRODUCT: Swimming Pools

SUBJECT: National Electrical Code (NEC), Sub-Task Group teleconference to review information pertaining to Article 680.26(B)(2) of the NEC regarding equipotential bonding of swimming pool perimeter surfaces.

LOCATION: Teleconference

DATE: October 24, 2022

ENTRY DATE: October 25, 2022

LOG ENTRY SOURCE: Einstein Miller, EXHR

COMMISSION ATTENDEES: Einstein Miller

NON-COMMISSION ATTENDEES: Please contact the National Fire Protection Association (NFPA) for a complete list of attendees.

MEETING SUMMARY:

Following guidance and direction of the NFPA Standards Council a task group was created to review new and/or additional data pertaining to equipotential bonding and the reduction of voltage gradients around the perimeter of swimming pools. The chair of the task group subsequently, split the task group into two sub-task groups.

This was the third and final meeting of sub-task group 1, and the first sub-task group meeting with CPSC in attendance. During this meeting, the sub-task group discussed the merits of two proposals submitted to the overall task group. While there are some similarities between the proposals, they provide differing approaches to the incorporation of equipotential bonding of unpaved perimeter surfaces of a pool. One proposal will allow for the use of either 1) a minimum 8 AWG bare solid copper conductor or 2) copper grid or steel welded wire fabric. The other proposal only specified a copper grid in this application. Following the meeting, the authors of each proposal agreed to meet off-line to combine aspects of both proposals for consideration of the full Task group during the next full Task Group meeting on October 28.