

**QUESTION: WHAT IS THE NFPA POSITION ON STRAY VOLTAGE AROUND SWIMMING POOLS?**

**FACT:** Stray voltage exists and can cause serious injury or death. Site conditions, construction variables, along with stray voltage hazard and related injury or death, vary by region.

**FACT:** The NEC as published represents a “*minimum*” level of safety and only the local jurisdiction having authority; can implement a greater safety requirement. Liability lies with the local jurisdiction. So if the **NEC** is only a minimum guideline, then strengthening the Code falls to the “Local Inspection Authority” based on the conditions or “*injury/fatality data*” that may exist warranting such an amendment.

**FACT:** Recent injury/fatalities in Texas, Georgia, Florida and North Carolina show a risk pattern in stray voltage around Swimming Pools where only a single wire is installed.

**FACT:** **No** occurrences of stray voltage deaths or injuries have been reported where equipotential bonding grid requirements were enforced.

**FACT:** The **Equipotential Bonding Grid** has been tested as the safest alternative for protection from Stray Voltage around a Swimming Pool. Testing and data are currently available through verifiable “*Independent and Utility Company Sources*”.

**FACT:** The proven risks associated with stray voltage are mitigated with the installation of a “**Grid System**” around the perimeter of the Swimming Pool.

**FACT:** *Safety should be everyone’s number “1” priority.*

**CLICK:** for the history of how the NFPA previously required a grid in the deck, but later removed it with no testing conducted

**Recommendation:** Reinstate the 2005 version of the NEC section 680.26 and require a grid installed in the perimeter surface around a pool. Several jurisdictions already have. See [www.cmiwebsite.com](http://www.cmiwebsite.com) for more info, Test Reports, testimonials, and blogs.