

# Around the House

From Our Greenwave Electric  
Family to Yours



## *greenWaveelectric*

### What Greenwave Does:

- Aluminum Wiring Replacement.
- Electrical Safety Inspections.
- Home Generators.
- Home Re-Wiring.
- Electrical Repairs.
- Data Cable Wiring  
Phone TV  
Satellite.
- Lighting.
- Residential Pools.
- Panel Upgrades.
- Service Upgrades.
- Surge Protection.

### Benefits of Using Greenwave:

- On Time Every Time, or We Buy You Dinner!
- Professional Technicians.
- Up-Front Proposals.
- Shoe Covers for Floor Protection.
- Detailed Clean-up When We're Finished.

## May

When the month of May rolls around, we are reminded that summer is just around the corner. It is marked by school graduations, rising heat indexes, and the opening of swimming pools. If you own a swimming pool yourself, you'll know that there is plenty of work involved, mainly in terms of up-keep; but what about installation?

If you are planning on installing a pool, or even if you have had one for some time, there is more to think about than PH levels, and chlorine tablets.

While water clarity and algae prevention is important, we must not forget that electrical safety is more important. The biggest safety features for swimming pools are GFCI outlets, and grounding. They are most commonly overlooked and extremely important.

GFCI outlets help keep you safe by sensing the difference in the amount of electricity flowing into the circuit to that flowing out. If it senses a difference of even 4 or 5 thousandths of an amp, it will shut off the circuit in less than 1/10 of a second, cutting the power to the outlet and YOU!

A GFCI power outlet should be used in all places where electrical power is accessible and moisture or water is present. All plug sockets that supply power to pool equipment must be GFCI outdoor receptacles.

**This includes pool lights, power operated pool covers, and especially the pool's motor.**

**Grounding provides a low resistance path to conduct enough power back to the main panel to trip the circuit breaker.**

**It is always important to research everything involved in installing a pool. For in-ground pools, all of these safety features should be installed to protect you and your family. For above-ground pools, grounding and bonding may not be as much of a necessity, but you should definitely have everything plugged into grounded GFCI outlets to prevent the risk of electric shock.**

