Hurricane Preparation

Commonly overlooked items

Erron Pettry

- Datacenter Background in Florida
- Knowledge of redundant systems
- High rise buildings in large metros
- Experience coordinating with city emergency planners

James Ashton

- Worked in and on datacenters throughout Florida
- Mechanical engineering and fabrication work
- Underground fuel systems

Common items you may need

Simple Tools
- ✓ Bolt cutters and a crow bar
- ✓ Tarps and plastic sheeting (the donkey cart effect)
- ✓ Rolls of duct tape (it is your friend)

Spare parts
- ✓ Batteries (charged)
- ✓ Generator filters (changeable while running, "RACOR")
- ✓ Customer, Network, Power (for use during emergency)

Employee Necessities
- ✓ Water, electrolyte packets, and water purification
- ✓ Caffeine!!!! (mountain dew and snickers bars)
- ✓ Shelter in place kit and toilet paper, with a lid for the bucket!
- ✓ Minimal food necessities (mountain house, MRE, and ramen)
- ✓ Digital Antenna for News (local information acquisition)

Operational Setup – Where are your people?

Staff Access
- ✓ Transport? (getting your people to the building)
- ✓ Access into the building (is building security system functioning)
- ✓ Providers spaces, MMR? (use crowbar now, ask forgiveness later ☺)

Staff Mobility
- ✓ Laptops and accessories (air cards, serial cables, spare batteries, ect)
- ✓ Flash Lights (LED!)
- ✓ Protected environmental systems for employee work spaces

Communication
- ✓ Two way radio
- ✓ Satellite phone (outdoor antenna extension) (emergency contact list)
- ✓ What are others doing? (who's listing)

Planning for failure

Carriers
- ✓ May need power (carriers may not be as redundant as you are)
- ✓ Tech relationships
- ✓ Sometimes request local knowledge, emergency cross connects, and resources
- ✓ Not able to be on site

Fuel
- ✓ Is emergency power available for fuel pumps
- ✓ Diesel fuel movement inside the building
- ✓ Hand pumps, Drum siphon, Hose, Barrels, ect
- ✓ 72 hours of runtime or more?

Supplies
- ✓ Rotate perishables (water stock, food stuffs)
- ✓ Centralized supplies container (does everyone know where it is?)

Testing Processes

Fuel transfer testing
- ✓ Pump Issues (heat can trip pump off)
- ✓ Fuel transfer test while on generator
- ✓ Siphon plastic degrades

Emergency lighting and access to emergency power
- ✓ Night time lighting
- ✓ Receptacles on the roof

Testing of other things
- ✓ Spot coolers or other emergency HVAC components
- ✓ Employee emergency phone numbers (do they still work?)
- ✓ Testing with critical customers
- ✓ Do out of town employee access badges work?
- ✓ Are vendors aware of your processes and procedures

Thank you!

Questions?