



Ozone System Preparedness Bringing the System Back On-Line

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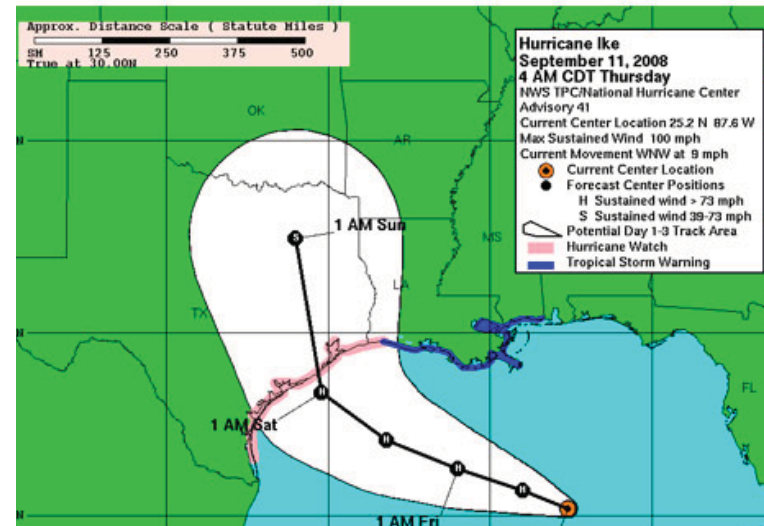






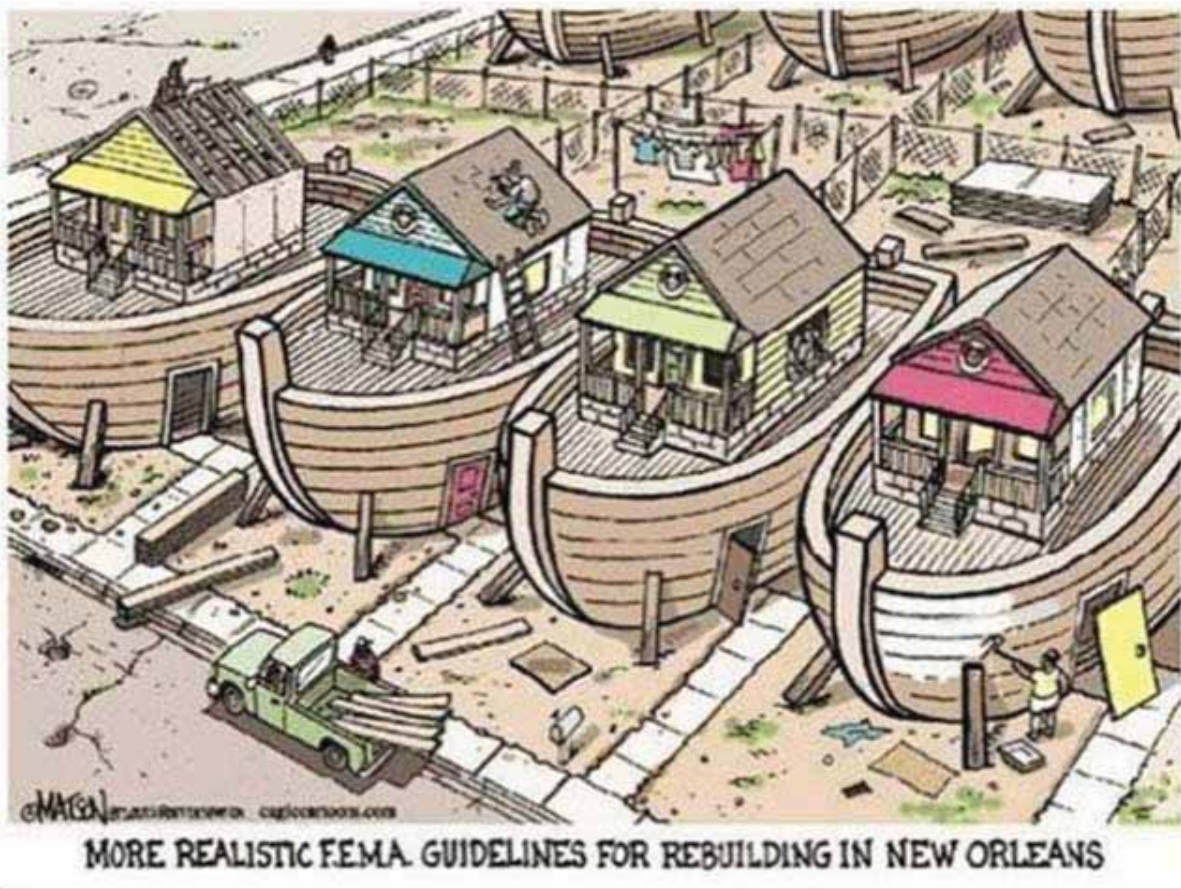
Let's Talk Ozone....

How Did We Prepare For This?



How Did We Move Forward? Brining It Back On-Line

Things to consider this time...



MORE REALISTIC FEMA GUIDELINES FOR REBUILDING IN NEW ORLEANS

Redundancy is Great for Backup...



Not for something like this



- **Wall Mount (Easy In/Out)**
- **120 Volt Plug In**

**How Fast Can we Get
Equipment Out and In?**

Eyebolts
Lift Up-Out
Remove!

Compression
Fittings

Plug In







- **Minimize Plumbing**
- **Air Cooled Now**

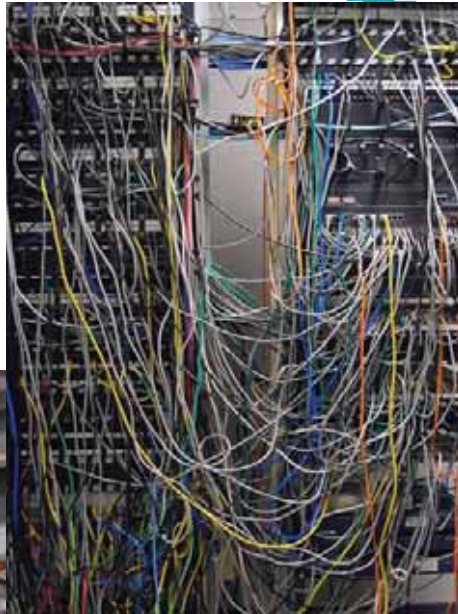


Note: Hard Plumbing Connections

Note: Hard Wired Electrical

Note: Anchor Bolts Don't Allow For Fast Removal





- Keep it “Electrically” Simple
Minimize Power Supplies
Any Circuit Board
Wires

KEEP IT SIMPLE! = Line Frequency



- **Conditioned Space A MUST**
- **Humidity . . .**

- 
- **Equipment Replacement Cost (\$/lb)**
 - **Equipment Salvage Cost (Ebay =OWS Factor)**
 - **Replacement Costs**
 - **Dielectric (Ozone Production – Mechanical)**
 - **Power Supply (Electrical)**
 - **Enclosure**
 - **Air Preparation Equipment**

- **Equipment Availability?**

- **Are these in stock?**
They Better Be...



- **Lead Time – NO WAY!**

SUMMARY

Redundancy is Great for Backup – but...

120 Volt Plug In versus hard wire

Wall Mountable (Floor Mount is Bad)

Minimize Plumbing (Cooling Water)

\$/lb needs to be considered (disposable)

Spare Parts

Module Replacement

Enclosure Replacement

Keep Electronics to a minimum (Transformer and Tube)

Humidity! Room environment control

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THANK YOU !