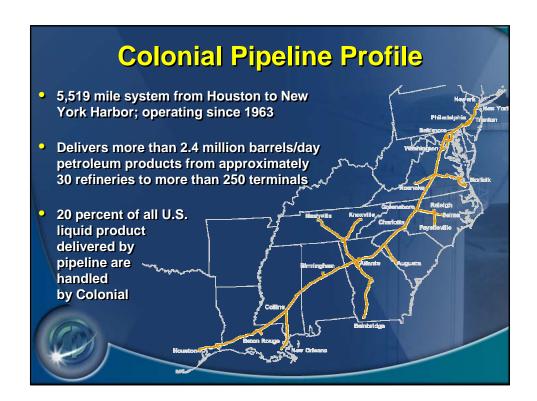
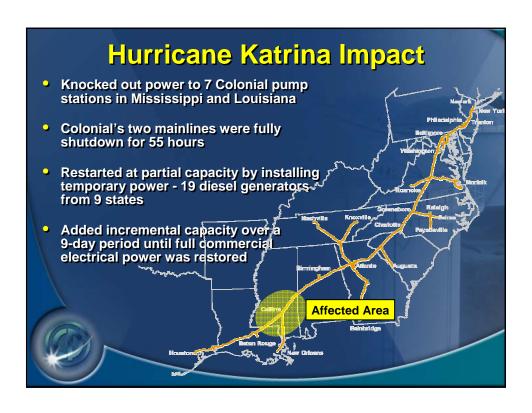


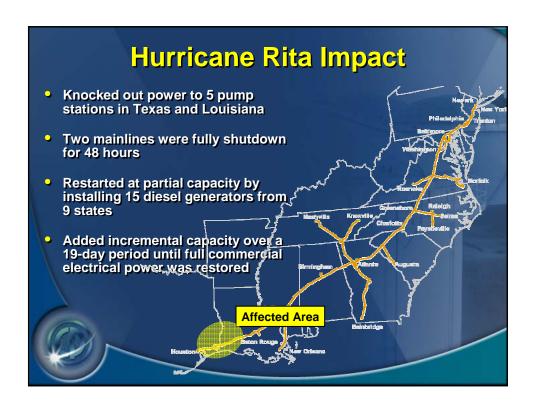
# Colonial Pipeline's Response to Hurricanes Katrina and Rita

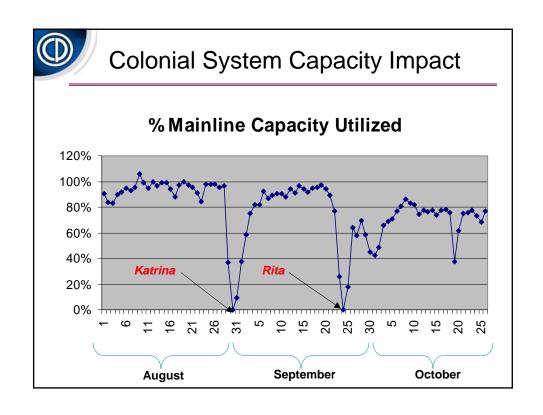
Steve Jacobs
Vice President, Operations
Colonial Pipeline Company

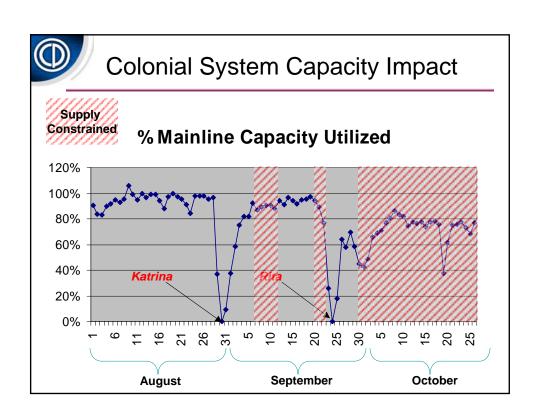
November 2, 2005













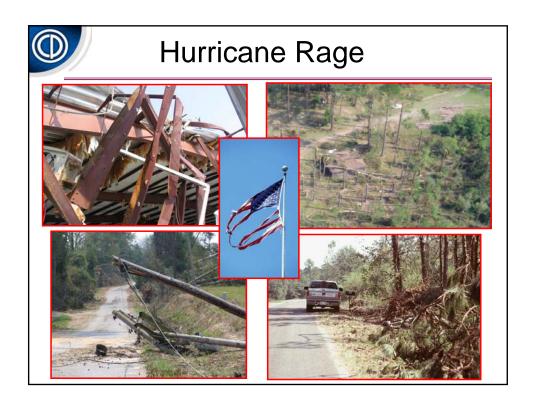
## Hurricane Preparedness Plan Set in Motion Prior to Landfall

#### **Assets**

- Began <u>reviewing hurricane emergency plans</u> with personnel in targeted region and Atlanta headquarters 5 days before landfall
- Secured tanks and facilities
  - Slowed pipelines prior to the storm
  - Ensured specific level of product in tankage
  - Dispatched satellite phones in anticipation of losses to normal communication

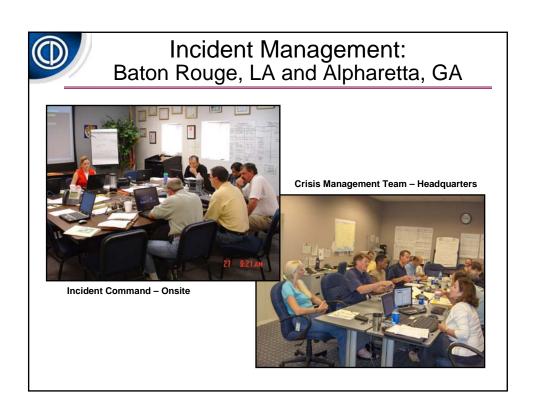
### **People**

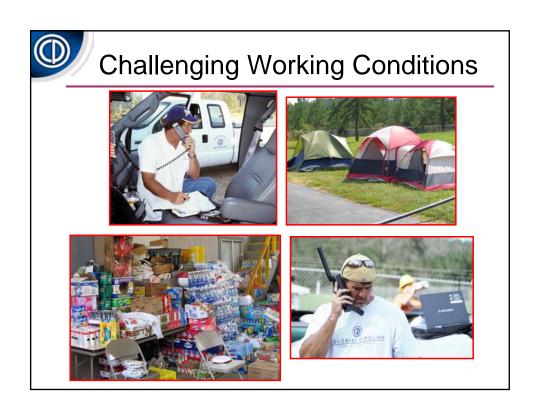
- Gathered <u>contact information</u> for all area employees
- Evacuated employees in MS and LA just prior to landfall
- Following landfall, all employees were contacted to confirm their safety; then <u>maintained contact</u> as they returned home and reported to work locations



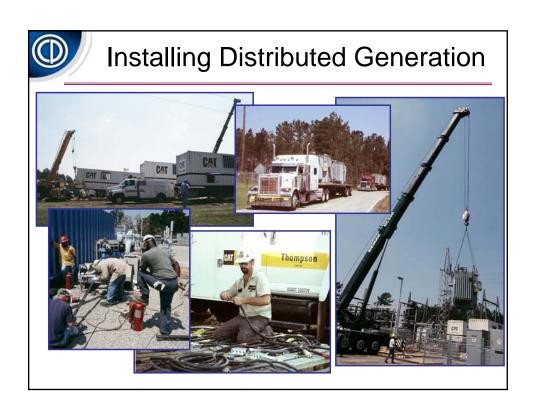














# Successful Generator Installation





# Lessons Learned: Industry and Colonial

## **Commercial Power Reliability**

- <u>Excellent response by most primary power suppliers</u>; however, some utilities do represent risk to power reliability
- Colonial is <u>evaluating redundant power supply</u> options

## **Communications**

- Communication was critical to manage Colonial's response effort
- Without land line and cell service, <u>satellite phones provided good</u> <u>coverage initially</u>; however, the network became quickly oversubscribed as emergency responders flocked to the area

## **Federal Relations**

- Communication with federal agencies was critical to enable vital support in terms of waivers and escorts for generator transportation
- More clearly defined contact points within the federal government made <u>Rita response easier than Katrina response</u> (far fewer duplicate requests and clearer channel to contact government)



# Lessons Learned: Industry and Colonial

#### **Humanitarian Assistance**

 Providing support to employees and their families first enabled them to then focus on Colonial restoration of service without distraction

#### **Physical Security and Access**

- Colonial <u>hired private security</u> for facilities and to serve as escorts for employees traveling to and from facilities.
- DOT assisted Colonial with providing <u>escorts for generators as they traveled</u> across the country

#### **Aerial Reconnaissance**

- Colonial contracted <u>charter aerial patrol to assess damage</u> to facilities and stage repairs
- Some other operators reported <u>difficulty getting clearance</u> to conduct similar flyovers; would be helpful if the FAA could determine priorities and inform companies of those priorities

### Media Coverage

Extensive media coverage created a high profile for the pipeline industry;
 This required focus on accurate, frequent, and proactive communication with regulators, customers, and the media



"Look for solutions to constraints versus constraints to solutions."