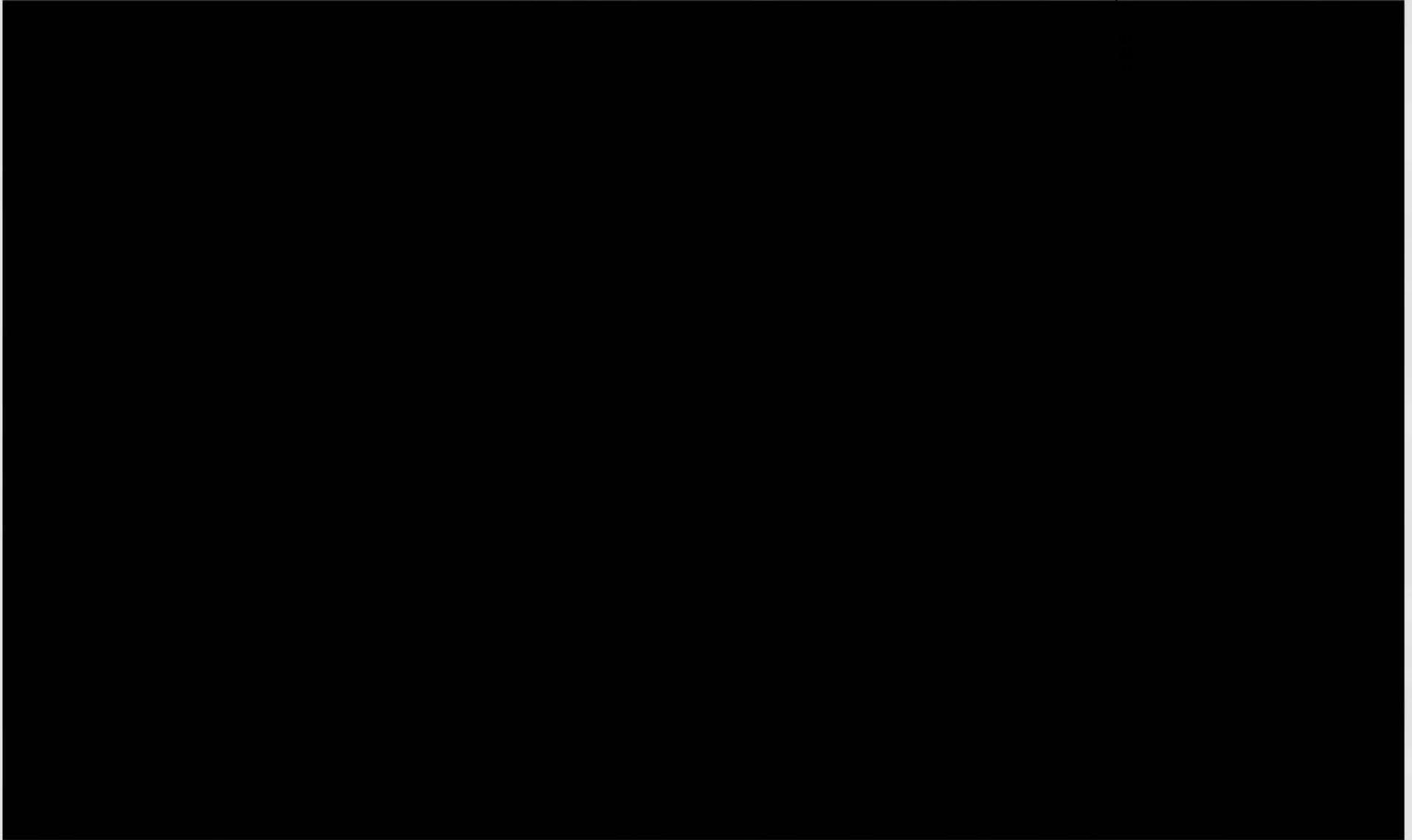


# Distribution Integrity Management Program and Field Operations

Mike Greene  
General Manager, System Integrity  
Gas SBU  
October 8, 2010

# Safety Culture

ideo 1 - Sa



# Hazards, Hazards Everywhere

**HEAT**      **GAS**

Electricity

**Heights**

**Insects**

Excavations

**DOGS**

Heavy  
Machinery

**Construction Sites**

Driving

Snakes

**Confined Spaces**

# Hazards, Hazards Everywhere

Driving



# SCE&G Gas Operations

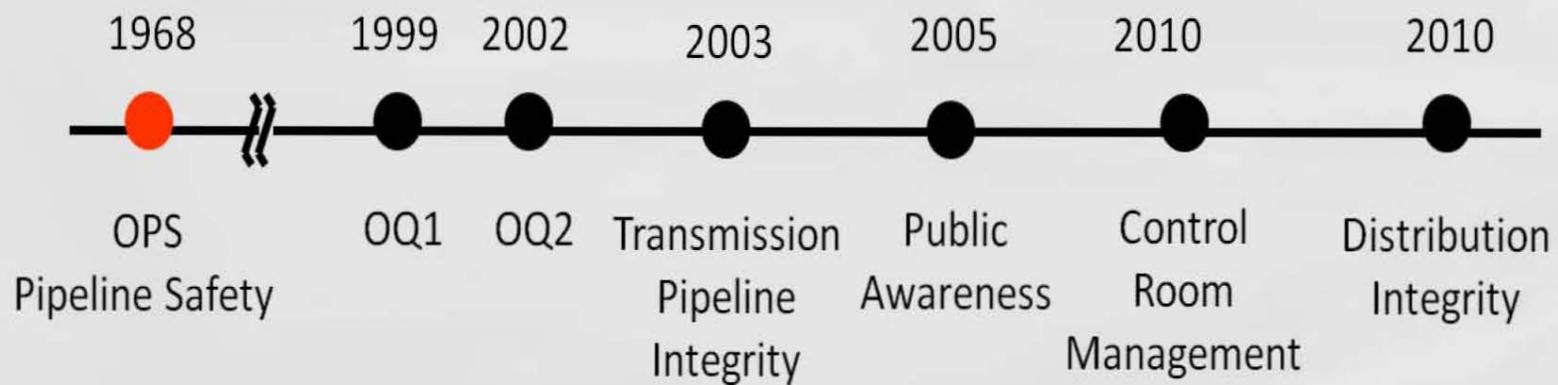
## Accident Frequency Rate & SGA Ranking



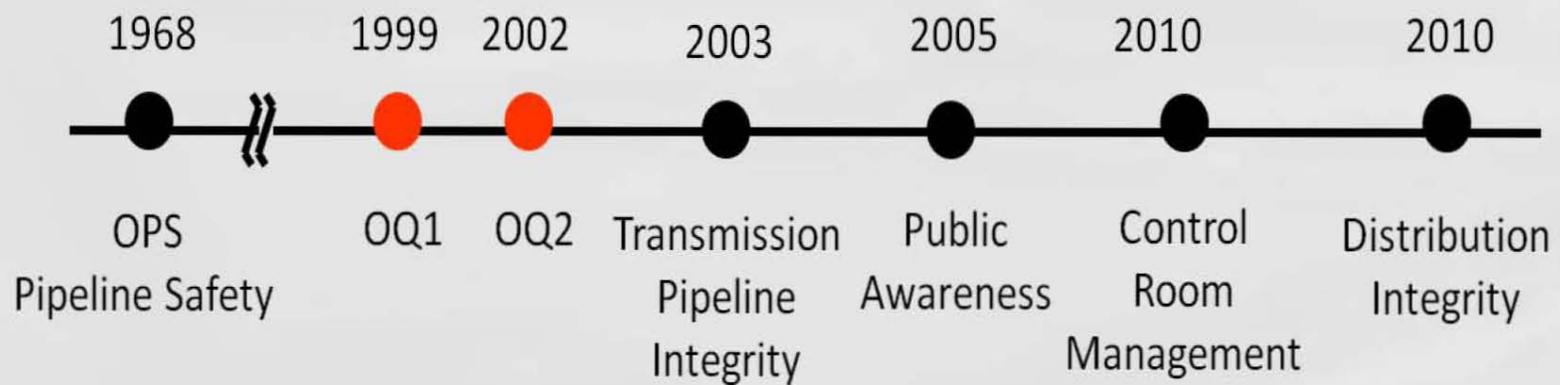
*SGA Ranking*

AFR

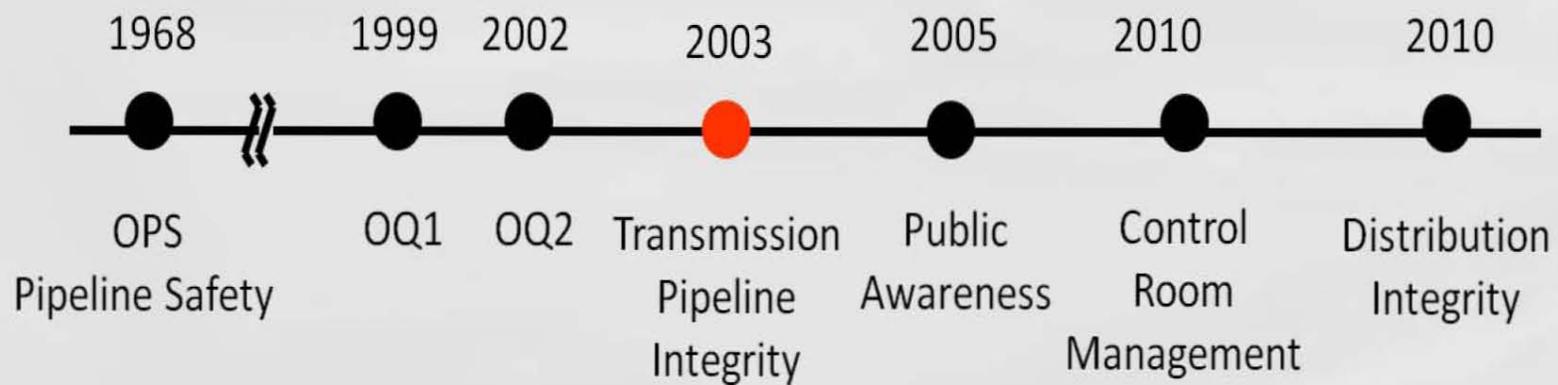
# History of the Safety



# History of the Safety



# History of the Safety



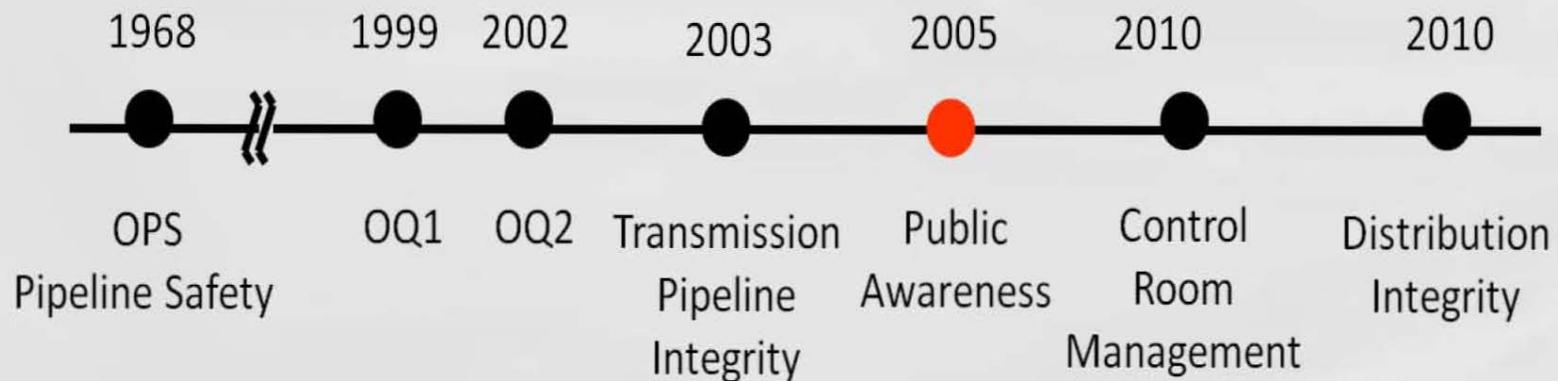
# History of the Safety



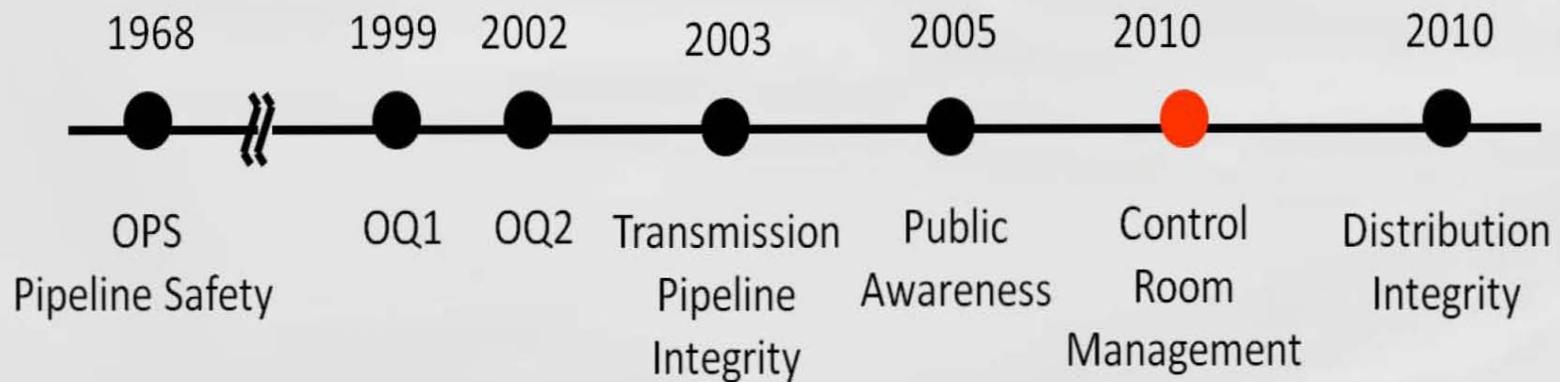
**Know what's below.  
Call before you dig.**

Before you or someone you hire start digging on your property, no matter how big or small the job, remember to call 811 first. South Carolina law requires that you notify the Palmetto Utility Protection Service (PUPS) to have your lines marked at least 72 hours before you or your contractor begin any excavation work.

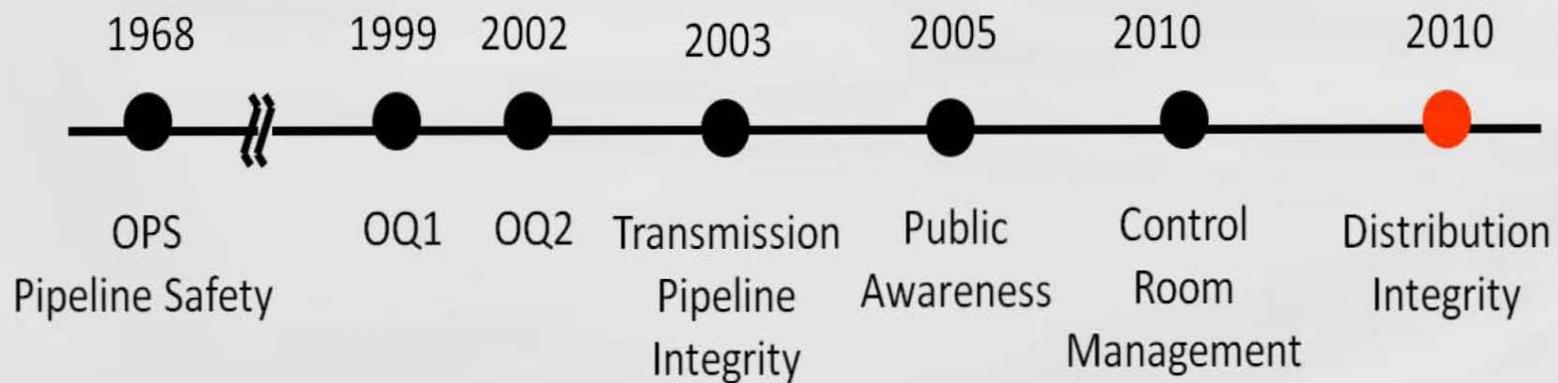
Visit [sceg.com/gassafety](http://sceg.com/gassafety) for details.



# History of the Safety

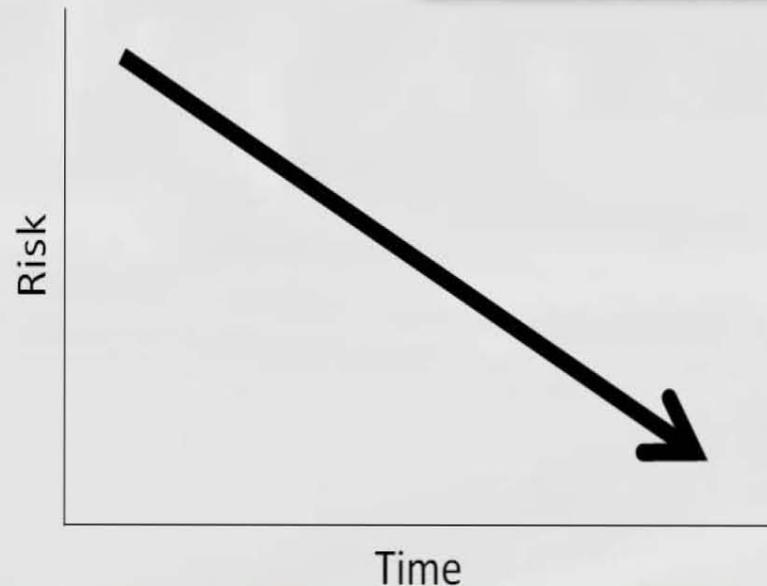


# History of the Safety



# What Is Distribution Integrity?

- Know your system
- Understand the risks
- “Data is knowledge”
- Continuous improvement



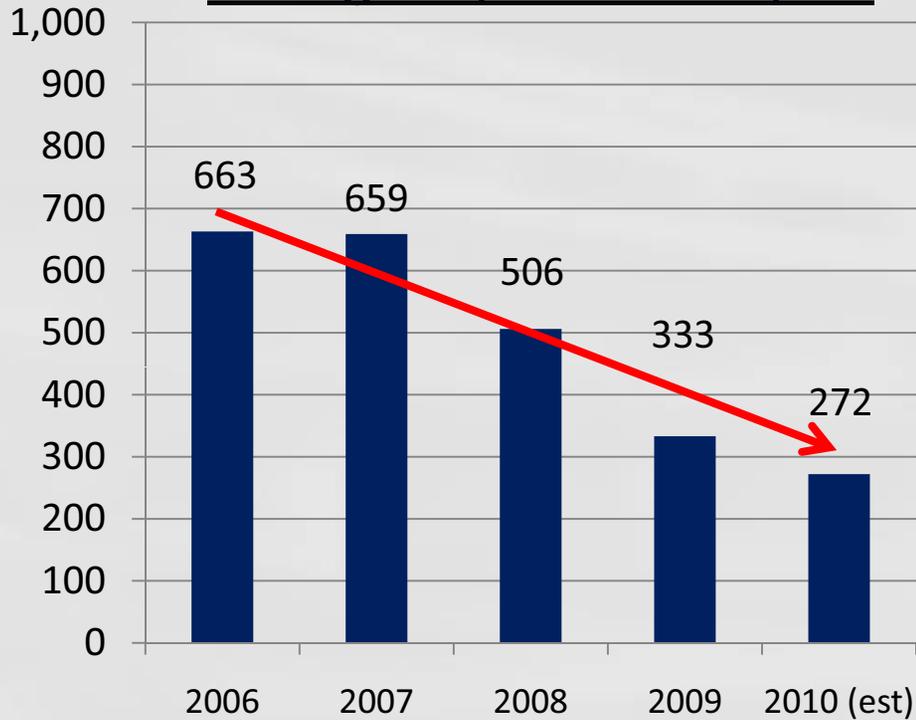
# What Are Risks?

- Material Failure
- Corrosion
- Third Party Damage

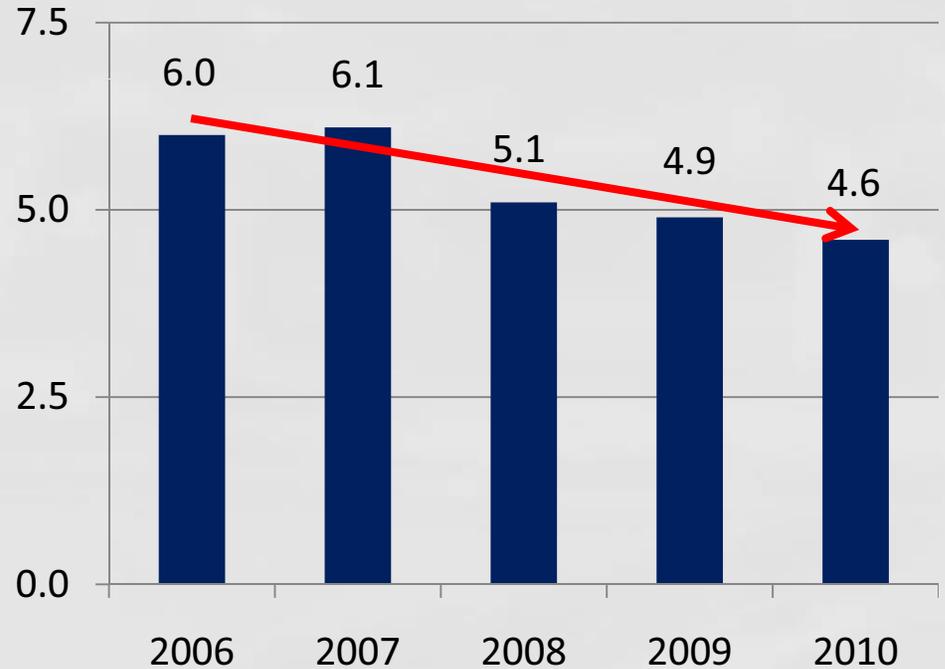


# Third Party Damages

Damages w/o Locate Request



Damages Per 1,000 Locates



# Field Operations

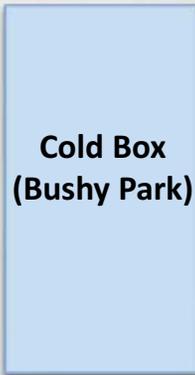
## Natural Gas Delivery System





# LNG Plants

Gas In



Refrigeration  
Plant



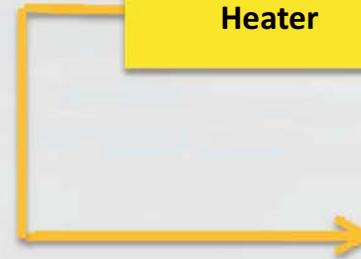
LNG  
pump



Liquid  
Out

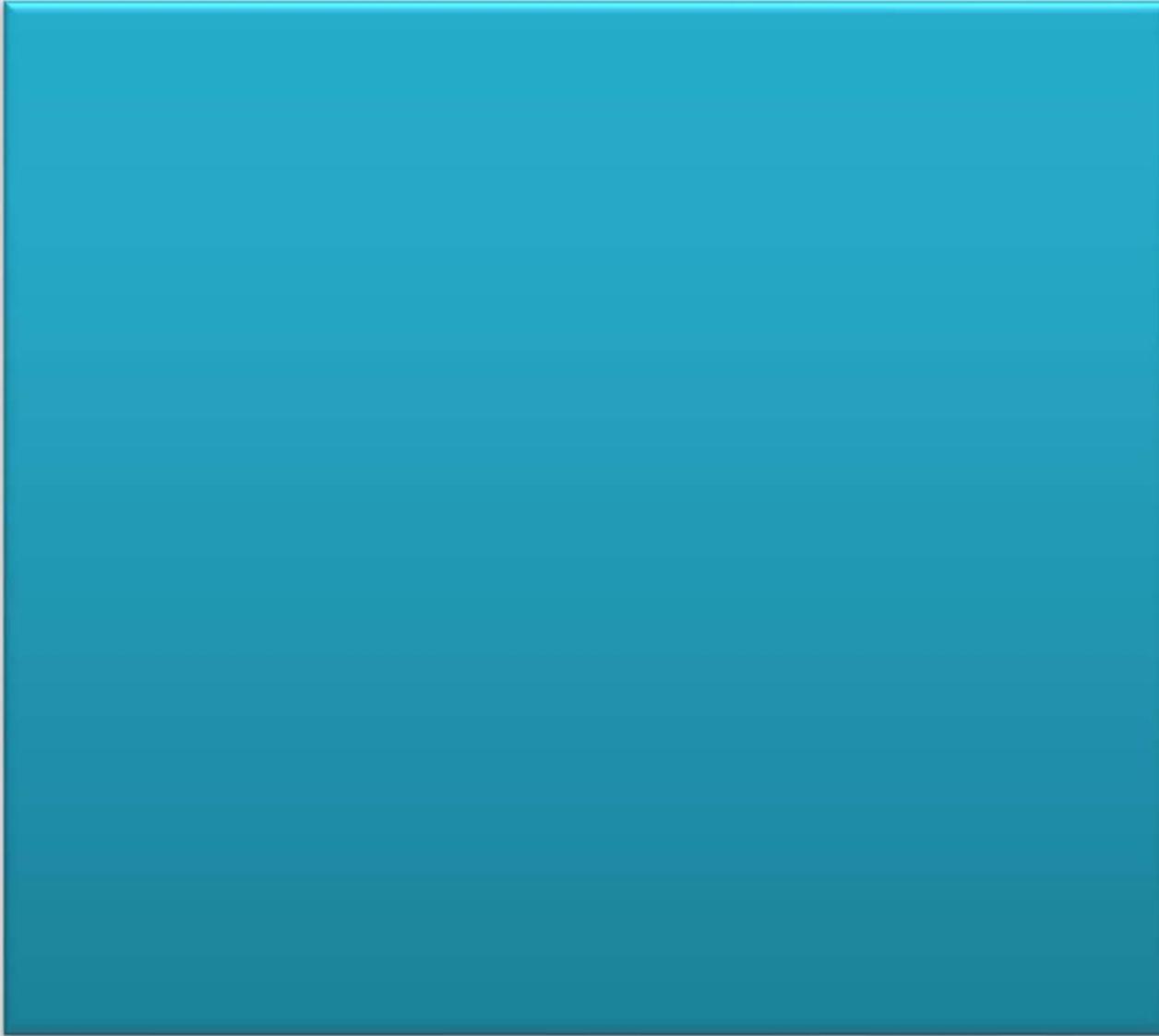


Vapor  
Liquid



Gas Out

# Why Liquefy Gas?



We can store over 600 times the amount of liquid in the same space it takes to store the gas.

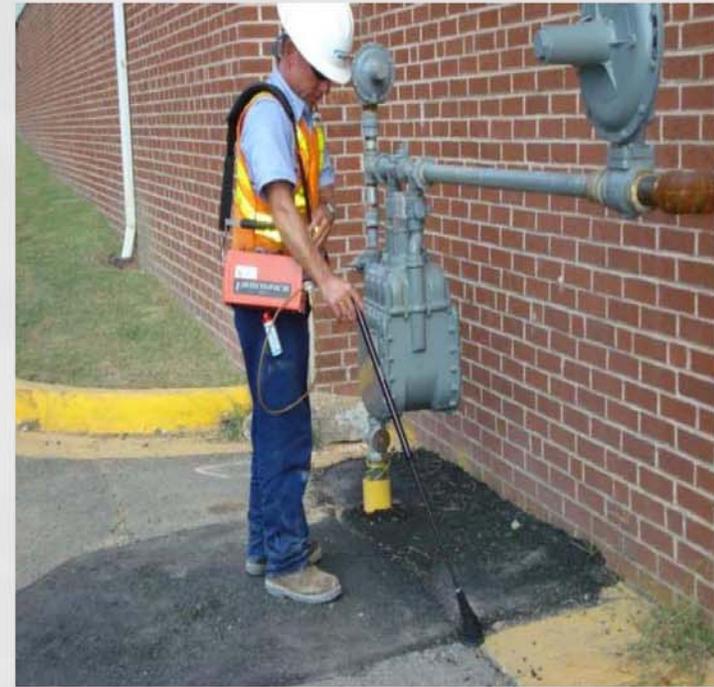
# Bushy Park LNG Plant

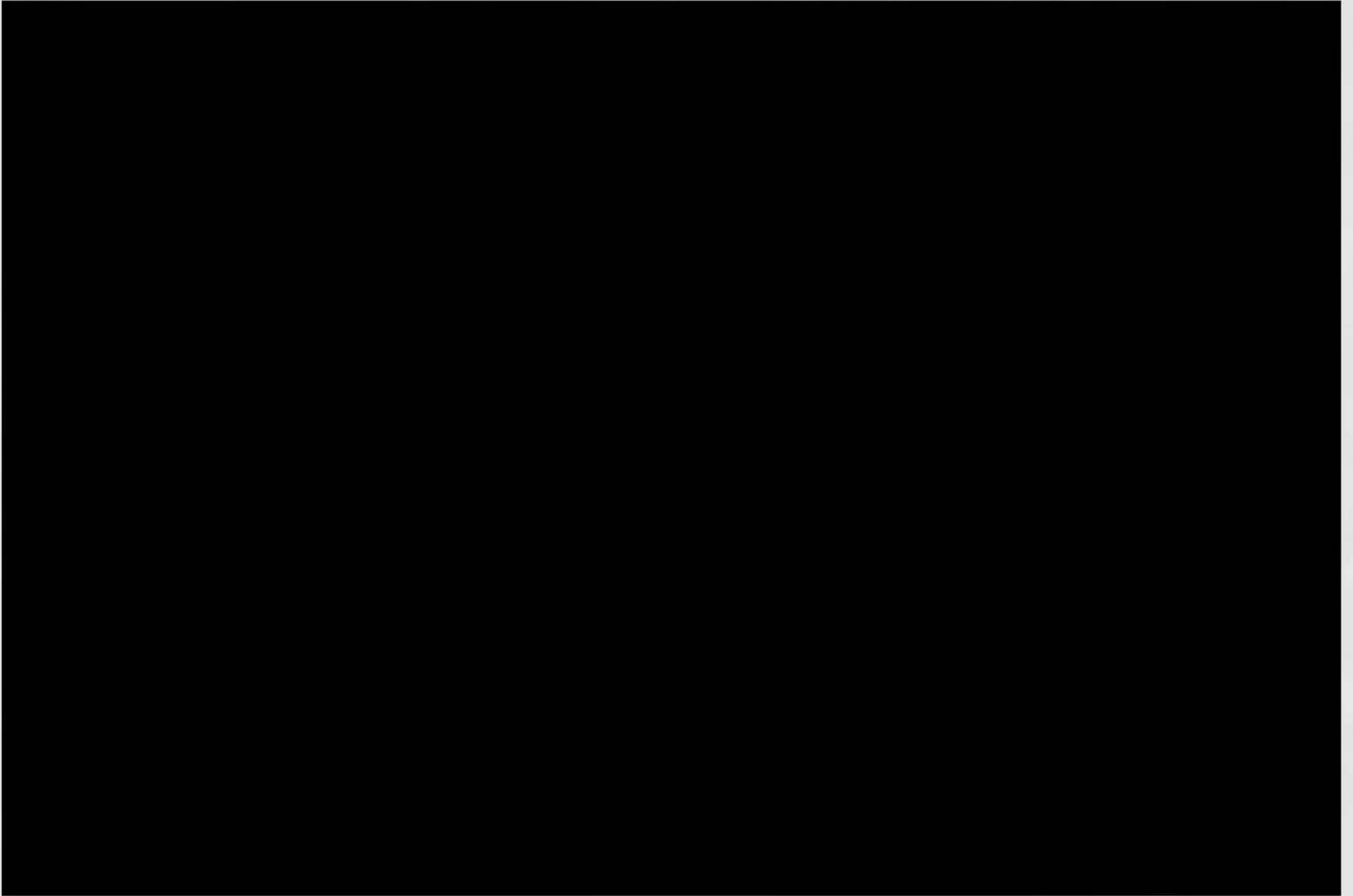


# Salley LNG Plant



# Distribution Operations





See Video 3 - 3rd Party Damage.mpg.mpg

# Distribution Operations Third Party Damage Simulation



# Pipeline Construction



See Meter\_and\_Metal\_and\_Plastic\_piping.JPG

# Meter Operations

- Technology
- Sample testing
- Periodic testing

