

**Storage Capacity:** Two caverns 7.5 billion cubic feet total working gas capacity  
**Pipelines:** 16 miles of dual 16 inch transmission pipeline



## JEFFERSON ISLAND STORAGE & HUB

Jefferson Island Storage & Hub LLC, owned and operated by Southern Company Gas, is a salt-dome natural gas storage facility located in southern Louisiana. As part of our commitment to safety, we meet or exceed state and federal pipeline safety regulations, routinely performing maintenance and inspections of our facilities, advising residents about how to recognize and prevent natural gas leaks, and working closely with officials to develop emergency response plans.

## ABOUT NATURAL GAS

At Jefferson Island Storage & Hub, we store one of the safest, most efficient, reliable and environmentally friendly energy choices you can make for your home or business. As the cleanest-burning fossil fuel, natural gas produces only half the carbon emissions of coal and is the nation's leading choice for home heating.<sup>1</sup> In fact, the carbon footprint of a house using natural gas for heating and hot water is at least 40 percent lower than that of an all-electric home.<sup>2</sup> And natural gas appliances bring more comfort and convenience to your life – whether it's the cozy warmth of natural gas heat or the convenience a natural gas generator provides during an electricity outage.

## NATURAL GAS SAFETY

Every day, more than two million miles of underground pipelines across the United States safely and efficiently deliver natural gas to millions of businesses and homes.

In addition to following state and federal pipeline safety regulations, we perform extensive quality control checks, educate residents how to recognize and prevent natural gas leaks, and work closely with emergency and public officials to develop emergency response plans.

Emergency officials and first responders should do their part daily to prevent natural gas leaks by keeping the following safety tips in mind:

- If you notice any missing or damaged pipeline markers in the area, contact Jefferson Island Storage & Hub at (337) 685-5766, ext. 0 or 1.

- Be on the lookout for any suspicious activity or unauthorized digging. No one, including homeowners, should be digging, ditching, drilling, leveling or plowing without having contacted our state's One-Call number (811) first.

While natural gas incidents are uncommon, it's still important to be prepared. Here are a few suggestions to keep residents safe in the event of a natural gas leak:

- Call Jefferson Island Storage & Hub immediately with the location and type of emergency at (337) 685-5766, ext. 0 or 1.
- Establish a safety zone around the incident, and control access. You may need to reroute traffic and evacuate the area.
- Avoid doing anything that might ignite leaking gas in the area – prohibit smoking and cell phone use, and don't use any mechanical equipment that could create a spark.
- Do not attempt to operate any pipeline valves.

## PIPELINE INTEGRITY MANAGEMENT

Jefferson Island Storage & Hub has implemented an integrity management program for transmission pipelines in the company's high-consequence areas according to DOT regulations. It is a systematic and comprehensive process designed to provide information to effectively allocate resources for appropriate prevention, detection and mitigation activities. The program builds on the existing foundation of pipeline safety regulations covering design, construction, testing, operation and maintenance that has been in place for many years.

These are the basic steps in the integrity management process:

- **High-consequence area (HCA) identification**

Locations along the pipeline system that meet the criteria for high consequence areas are identified. Generally, these are high-population density areas or difficult-to-evacuate facilities, such as hospitals, prisons or schools, and locations where people congregate, such as churches, office buildings or playgrounds.

### EMERGENCY CONTACT: 1-337-685-5766, ext. 0 or 1

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:		
Natural Gas	1971	115

### LOUISIANA PARISHES OF OPERATION:

Iberia                      Vermilion

*Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.*

- **Threat identification and risk assessment**

Information about the pipeline segments is evaluated to identify the threats of concerns to the pipe and to assess risk.

- **Risk Analysis**

A systematic process in which potential hazards from facility operation are identified, and the likelihood and consequences of potential adverse events are estimated. Each pipeline segment is given a numerical score based on estimated risk.

- **Regulatory Requirements**

The 107th Congress approved bill H.R. 3607 known as the "Pipeline Safety Improvement Act of 2002" on Dec. 17, 2002. Upon becoming a law, it became Public Law 107-355, which can be found in its entirety at <http://www.gpoaccess.gov/plaws/>. The Pipeline Safety Improvement Act of 2002 introduces several new requirements for pipeline operators including those specifically addressing pipeline integrity management. Section 14 of the act titled "Risk Analysis and Integrity Management Programs for Gas Pipelines," mandates several new pipeline integrity-related requirements.

Information about transmission pipelines operating in your community is available through the National Pipeline Mapping System (NPMS) and is available online at [www.npms.phmsa.dot.gov](http://www.npms.phmsa.dot.gov).

1, 2 Emission estimates based on the Department of Energy's electric power emission estimates for all generation energy sources from its Annual Energy Outlook 2006.