



# ENERGY ASSURANCE DAILY

Friday Evening, February 10, 2012

## **Electricity**

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### **Study Concludes U.S. Nuclear Plants Need More Security against Intentional Attacks, Sabotage**

The Federation of American Scientists (FAS) and Washington and Lee University on Wednesday released a study, *The Future of Nuclear Power in the United States*, which includes an analysis of the plausible threats that nuclear plants confront and must defend against. The study concludes that while most safety procedures and precautions at U.S. nuclear plants are geared towards accidents, more attention needs to be paid to the potential for intentional attacks and sabotage. Attacks could come in many forms, including commando-like ground-based attacks on designated targets, external attacks using brute force (e.g., crashing an aircraft into a reactor complex), or a cyber attack (e.g., initiated by an insider at the plant). The report suggests new reactor designs, reactor site locations, and operational procedures could mitigate against such threats.

[http://www.gsnmagazine.com/node/25600?c=infrastructure\\_protection](http://www.gsnmagazine.com/node/25600?c=infrastructure_protection)

[http://www.fas.org/pubs/docs/Nuclear\\_Energy\\_Report-lowres.pdf](http://www.fas.org/pubs/docs/Nuclear_Energy_Report-lowres.pdf)

### **Low Water Wall Pressure Shuts Luminant's 593 MW Big Brown Coal-Fired Unit 1 in Texas February 9**

Luminant reported Unit 1 tripped while at load due to low water wall pressure, according to a filing with the Texas Commission on Environmental Quality. Unit shutdown was expedited and abatement systems were kept in service as long as temperatures would allow, the filing said.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=164649>

### **State Issues Permit to Allow Golden Valley's Mothballed 50 MW Healy Coal-Fired Power Plant to Restart in Alaska**

<http://www.alaskajournal.com/Alaska-Journal-of-Commerce/AJOC-February-12-2012/State-issues-permits-for-Healy-Clean-Coal-project-restart/>

## **Petroleum**

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### **Buckeye Partners to Acquire Petroleum Products Terminal in New York Harbor, Expand Related Infrastructure to Serve U.S. Northeast Markets**

Buckeye Partners, L.P. announced today that its subsidiary, Buckeye Tank Terminals LLC, has signed a definitive agreement with Chevron U.S.A. Inc. to acquire a marine terminal facility for liquid petroleum products in New York Harbor. The facility, located in Perth Amboy, New Jersey, has over four million barrels of tankage, four docks, and significant undeveloped land available for potential expansion. The acquisition is expected to close late in the second quarter of 2012. Buckeye has near-term plans to transform the existing terminal operations into a multi-product storage, blending, and throughput facility, to connect waterborne imports with end-destination markets beyond New York Harbor, according to an executive quoted in the company's release. The company also intends to construct a new 16-inch pipeline between the Perth Amboy facility and Buckeye's Linden, New Jersey complex and expand Buckeye's existing pipelines running from Linden into the Pennsylvania and New York markets.

<http://www.buckeye.com/LinkClick.aspx?fileticket=v8enUwwbicY%3d&tabid=36>

## **Fire Shuts Platformer at Korea National Oil Corp.'s 115,000 b/d Come by Chance, Newfoundland Refinery February 8**

Korea National Oil Corp. reported a brief fire on Wednesday shut the refinery's platformer, but all other major processing units were operating. A refinery spokeswoman said the platformer will be shut for the next few days, according to reports.

Reuters, 15:40 February 9, 2012

## **Update: Suncor Works to Block Toxic Material from Leaving Its 35,000 b/d Commerce City, Colorado Refinery; Claims There Is No Leak**

A Suncor Energy executive said the company does not believe it has a leak at the Commerce City refinery at this time, but crews are working on a collector trench to stop "black gunk" flowing under its refinery from reaching local waterways. Suncor is also working to complete an underground clay wall at the refinery to block toxic material from leaving the property. In December reports indicated Suncor had acknowledged a break in an underground pipe between the refinery and a storage tank at the Colorado refinery, according to state health officials. Subsequent tests have identified petroleum-based contaminants in the local water supply.

[http://www.denverpost.com/news/ci\\_19916057](http://www.denverpost.com/news/ci_19916057)

## **ConocoPhillips Reports Process Upset, Flaring at Its 146,000 b/d Borger, Texas Refinery February 9**

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=164667>

## **Inspector General Clears U.S. State Department of Impropriety in Agency's Review of Keystone XL Pipeline Project**

[http://www.nytimes.com/2012/02/10/us/politics/state-dept-cleared-of-impropriety-in-pipeline-case.html?\\_r=1](http://www.nytimes.com/2012/02/10/us/politics/state-dept-cleared-of-impropriety-in-pipeline-case.html?_r=1)

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## **Natural Gas**

### **Copano to Expand Its 24-Inch DK Pipeline in the Eagle Ford Shale Play in Texas**

Copano Energy, L.L.C. announced yesterday that it will extend its 96-mile, 24-inch DK Pipeline in the Eagle Ford Shale play by adding approximately 65 miles of 24-inch pipeline southwest into McMullen County, Texas, which will allow Copano to access significant new Eagle Ford volumes. The DK Pipeline extension is expected to begin service in the first half of 2013.

<http://cpno.client.shareholder.com/releasedetail.cfm?releaseid=647716>

### **Chevron Reports Engine Problems at Its 200 MMcf/d Headlee Gas Plant in Texas February 9**

Operators reported engine problems at the plant due to a failed catalyst, which was not meeting permitted pound-per-hour rates, according to a filing with state regulators. Chevron is investigating the issues and has ordered a replacement catalyst, the filing said. The engines will be shut down when the equipment arrives, and technicians will replace the exhaust system and catalyst.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=164622>

### **Columbia Gas of Ohio Reports Natural Gas Pipeline Leak in Medina, Ohio February 7**

A company doing work in the Rustic Hills development in Montville Township on Tuesday afternoon hit a main gas line, causing the gas leak, according to local officials. Columbia Gas of Ohio reported the pipeline was temporarily repaired on Tuesday and planned permanent repairs Wednesday.

<http://www.wtam.com/cc-common/news/sections/newsarticle.html?feed=122520&article=9726672>

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## **Other News**

Nothing to report

## International News

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### Japan to Install Vent System at Nuclear Reactors after Fukushima Crisis

Japan's Federation of Electric Power Companies, a group of 10 regional utilities, said Wednesday that it plans to install vent systems with filters for nuclear reactors to reduce radioactive releases in the event of an accident. The companies will also install equipment to remotely vent steam and gas, according to the materials. An industry analyst said that installing the systems will probably take more than three years.

<http://www.businessweek.com/news/2012-02-09/japan-to-install-vent-system-for-reactors-after-fukushima-crisis.html>

## Energy Prices

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U.S. Oil and Gas Prices			
February 10, 2012			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	98.38	97.26	85.70
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.50	2.30	4.22

Source: Reuters

## Links

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM EDT every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EDT every Thursday.

### ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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