



ENERGY ASSURANCE DAILY

Friday Evening, August 23, 2013

Electricity

Reactor Coolant System Leak Reported at PSE&G's 1,170 MW Salem Generating Station in New Jersey August 22

PSE&G has initiated a unit shutdown at unit 1 for unidentified leakage greater than 1 gpm. An initial investigation indicated the leakage source was from packing on the pressurizer spray valve 1PS1 located in the reactor coolant system pressurizer shroud area inside containment. Unidentified leakage is currently indicating 4 gpm and manual isolation is in progress. The licensee is reducing power at 30 percent per hour and anticipates entering mode three in approximately three hours.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130823en.html>

Main Feedwater Power Supply Breaker Trip Reported at Entergy's 653 MW Pilgrim Nuclear Unit 1 in Massachusetts August 22

Entergy Nuclear reported on Thursday morning, with the reactor critical at approximately 98 percent core thermal power and the mode switch in RUN, a manual reactor scram was inserted due to lowering reactor water level. The cause of the lowering reactor water level was due to the trip of all three feedwater pumps. A cool down is currently in progress with reactor pressure being maintained by the high pressure coolant injection system operating in the pressure control mode and reactor water level is being maintained by the reactor core isolation cooling system. The reactor water clean-up system and normal reactor building ventilation have been restored. Off-site power is being supplied to the station by the start-up transformer. The plant is transferring from decay heat removal to the torus to decay heat removal to the main condenser and the reactor pressure is 371 psig.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2013/20130823en.html>

Update: AmerenUE's 1,125 MW Callaway Nuclear Unit in Missouri at Full Power by August 23

On the morning of August 22 the unit was operating at 65 percent, according to the Nuclear Regulatory Commission. The unit was shut due to a turbine trip caused by a "small fire" in the turbine building on July 26.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

Update: AES's 495 MW Alamos Gas-fired Unit 6 in California Returns to Service by August 22

The unit returned from an unplanned curtailment of 245 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201308221515.html>

AES's 336 MW Alamos Natural Gas-fired Unit 4 in California Reduced by August 22

The unit entered an unplanned curtailment of 146 MW.

<http://content.caiso.com/unitstatus/data/unitstatus201308221515.html>

Update: La Paloma Generating Company's 260 MW Natural Gas-fired Unit in California Returns to Service by August 22

The unit returned from a planned outage.

<http://content.caiso.com/unitstatus/data/unitstatus201308221515.html>

Petroleum

Update: CDU to be Shut For One Month after Fire at Motiva's 235,000 b/d Convent, Louisiana Refinery

The crude distillation unit (CDU) at Motiva's Convent, Louisiana, refinery was damaged in a fire on Monday that began in a nearby catalytic reformer, according to sources familiar with operations at the refinery. The CDU is expected to be shut for at least a month for repairs. The reformer was heavily damaged by the fire, according to the sources.

Reuters, 10:53 August 23, 2013

FCC Shut at Irving Oil's 300,000 b/d St. John Refinery in New Brunswick, Canada August 23

Irving Oil reported the 70,000 b/d fluid catalytic cracker (FCC) at its St. John refinery was shut down this morning. The FCC was restarted earlier this month after being shut for more than three weeks following a brief power outage on July 15. All other monitored units currently remain online.

Reuters, 7:48 August 23, 2013

Sludge Release Reported at Tesoro's 58,000 b/d Mandan, North Dakota Refinery August 23

Tesoro Corp. reported the release of sludge and emulsion solids at its Mandan, North Dakota, refinery.

Reuters, 00:27 August 23, 2013

Natural Gas

Unit Shut at Southern Union's 140 MMcf/d Keystone Gas Plant in Texas August 22

Southern Union reported unit no. 20 went down due to a glitch in the panel because it flagged about 20 faults. Repairs were made on no. 20, and the plant got off the flare.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=187183>

Power Outage Shuts Enbridge's Tilden Gas Plant in Texas August 21

Enbridge Inc. reported that during a thunderstorm, its Tilden gas plant experienced an unexpected power outage. The entire plant shut down and all gas was vented to a flare as a safety precaution. Once power was restored, the plant was purged and restarted. As acid gas became available the acid gas injectors were restarted and stabilized.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=187142>

Other News

White Energy to Resume Operations in October at Plainview Ethanol Plant in Lubbock, Texas

White Energy announced it will resume operations at its Plainview ethanol plant in Lubbock, Texas, in mid- to late-October. The plant has been idle for nearly seven months since its production relied mainly on corn, which was in short supply due to drought.

<http://amarillo.com/news/latest-news/2013-08-21/plainview-ethanol-plant-owners-plan-resume-operations>

International News

Libya's Navy Special Forces Fire on Unauthorized Tanker Near Es Sider Terminal

Libya's Navy Special Forces, which acts as a coast guard, posted a video showing its members firing from a Navy ship at an unauthorized tanker as it approached the Es Sider terminal early this week. The vessel wasn't on the official list of authorized shipments from the port, according to Libyan officials. There was no sign that the tanker was damaged, but it left the area.

<http://www.hydrocarbonprocessing.com/Article/3247016/Latest-News/Libyan-oil-tanker-shooting-sparks-oil-sector-chaos.html>

IAEA Says Significant Progress Made on Safety Globally August 23

In a report prepared for its annual member state gathering, the International Atomic Energy Agency (IAEA) said nearly all countries with nuclear plants had carried out safety “stress tests” to assess their ability to withstand so-called extreme events. “As a result, many member states have introduced additional safety measures including mitigation of station blackout,” the report said. The IAEA has said it believes that global use of nuclear energy could increase by as much as 100 percent by 2030 due to growth in Asia. A nuclear expert of environmental group Greenpeace, which opposes atomic energy on safety grounds, disputed the IAEA’s positive view, saying “not much” had been achieved and calling for a fundamental change in how risks are assessed.

Reuters, 7:31 August 23, 2013

http://www.iaea.org/About/Policy/GC/GC57/GC57InfDocuments/English/gc57inf-5_en.pdf

Energy Prices

U.S. Oil and Gas Prices			
August 23, 2013			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	106.12	107.79	97.36
NATURAL GAS Henry Hub \$/Million Btu	3.52	3.37	2.80

Source: Reuters

Links

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

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

Natural Gas Weekly Update from EIA

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

Updated after 2:00 PM ET every Thursday.

ENERGY ASSURANCE DAILY

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

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