



COMMUNITY AWARENESS

ALISO CANYON STORAGE FACILITY PROGRESS REPORT

January 30, 2017

ALISO CANYON IS SAFE AND FIT FOR SERVICE

As a result of comprehensive testing, physical changes, and the establishment of tubing flow only, SoCalGas® has demonstrated that the Aliso Canyon storage facility (Aliso Canyon) is safe to resume injection operations. As part of the State's Comprehensive Safety Review, developed by the Division of Oil, Gas and Geothermal Resources (DOGGR) in consultation with independent technical experts from the Lawrence Berkeley, Lawrence Livermore, and Sandia National Laboratories, DOGGR and the California Public Utilities Commission (CPUC) will determine if SoCalGas is authorized to resume injection operations. In contrast, the Root Cause Analysis will determine the specific mode and mechanics that caused the failure in the casing at the SS-25 well site.

The ability to resume injections at Aliso Canyon is critical to the reliability of the region's natural gas and electricity systems. There is no dependency on or need to wait for the results of the Root Cause Analysis. SoCalGas has demonstrated that the field is safe to resume injection operations. [Learn more.](#)

INFRASTRUCTURE, TECHNOLOGY, AND SAFETY ENHANCEMENTS

Beyond the requirements of regulations and state law, SoCalGas has made several enhancements, including replacing the inner metal tubing of every well approved by the DOGGR. In total, nearly 50 miles of new steel piping has been installed. SoCalGas has invested in system upgrades that enhance the operation and safety of natural gas storage wells at Aliso Canyon. These enhancements include:

- New inner metal tubing has been installed, totaling nearly 50 miles of new steel piping.
- A physical barrier, or casing, around the new inner metal tubing provides a secondary barrier of protection against potential leaks.
- The withdrawal and injection of natural gas will now only occur through the new inner metal tubing of wells that have passed all tests and have been approved for use by DOGGR.

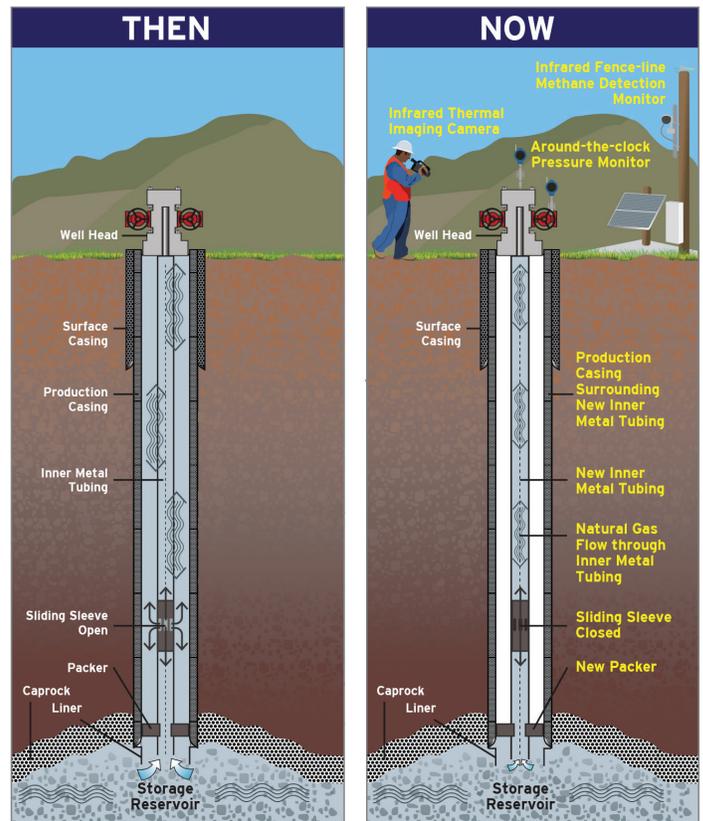
The diagram to the right shows the differences between pre-Aliso wells ("then") and post-Aliso wells ("now").

WELL INSPECTION UPDATE

Well inspections at Aliso Canyon continue in compliance with applicable regulations and state law.

As of Friday, January 20, 2017:

- 114 (or 100 percent) of the active wells at Aliso Canyon have completed the first phase of required tests;
- 113 of those wells (or 99 percent) have moved on to the second phase of testing;
- 38 wells have completed all of the required tests; and
- 34 wells have received final DOGGR approval.



[See full size on socalgas.com](http://socalgas.com)



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COMMUNITY ENGAGEMENT AND COMMUNICATION

ONSITE ALISO CANYON TOURS

Over the last month, DOGGR and the CPUC have led five separate tours at the Aliso Canyon facility for staff members from Mayor Garcetti's office, members of the press, members from the Aliso Canyon Community Advisory Council, various state elected officials and staff, and community-based groups, including Save Porter Ranch and Food & Water Watch.

Attendees were able to see enhancements to the facility first-hand, including the pressure monitoring system, the command center that is staffed around-the-clock, new piping being installed in wells, and the advanced infrared technology used to detect leaks.



State Senators Henry Stern and Bob Hertzberg, as well as other local staff members, tour Aliso Canyon to learn about the facility's enhancements, such as the use of infrared thermal imaging cameras used to detect leaks.



"There is no facility that I know of in the United States that has gone through such a battery of tests."
- Ken Harris, state oil and gas supervisor, DOGGR

MEET RODGER SCHWECKE VICE PRESIDENT OF GAS TRANSMISSION AND STORAGE

As vice president of gas transmission and storage, Rodger Schwecke oversees SoCalGas' transmission and storage systems, and is responsible for day to day operations of SoCalGas' system which includes the Aliso Canyon storage facility.



During the leak, Rodger managed operations to build the relief well and to permanently seal the leak. Over the last year, Rodger and his team have been working diligently to complete the State-mandated comprehensive safety review for each of the 114 wells at the site.

In addition to his leadership role at SoCalGas, Rodger is a leader in the community, serving on the Discovery Science Center board, Orange County Business Council, and UCLA Extension Certificate advisory board.

AIR QUALITY NOTIFICATIONS

Members of the community can now sign up to receive air quality notifications, via phone call, text message, and/or email, in the event of a release of natural gas at Aliso Canyon. Visit socalgas.com/airqualitynotifications or call 1-800-427-2200 to sign up.



HOW TO IDENTIFY A POTENTIAL NATURAL GAS LEAK

If you suspect a natural gas leak, immediately evacuate the area and, from a safe location, call SoCalGas at 1-800-427-2200. Learn more at socalgas.com.

ALISO CANYON COMMUNITY ADVISORY COUNCIL

SoCalGas continues to partner with the Aliso Canyon Community Advisory Council (CAC) that it formed in October 2016. The CAC consists of community leaders from local churches, organizations, businesses, and schools and meets monthly to discuss SoCalGas' progress and to collect feedback regarding the local community's needs and concerns. For example, SoCalGas made design changes to our Aliso Canyon updates web page to make information easier to find and understand based on feedback from CAC members. The CAC serves as a two-way communications channel, in addition to the information that we share via email, our website, community bulletins, and social media. Individuals and/or organizations that accepted the invitation to participate include:

CA State Senator Kevin de Leon
California State University Northridge
Chatsworth Neighborhood Council
Granada Hills North Neighborhood Council
Granada Hills South Neighborhood Council
Los Angeles Chamber
Los Angeles Fire Department

Los Angeles Police Department
Los Angeles Unified School District
Northridge East Neighborhood Council
Northridge West Neighborhood Council
Southland Regional Association of Realtors
Tesoro Senior Apartments
Valley Industry Commerce Association