

Aliso Canyon SS25 Well Leak Investigation Overview



October 2016



Two State Investigations and Independent Root Cause Analysis



CPUC = California Public Utilities Commission DOGGR = Division of Oil, Gas and Geothermal Resources Blade Energy Partners = Independent 3rd party





Phases of Root Cause Analysis





2



Root Cause Analysis: Current Activities







Looking Ahead to Phase 3: Tubing & Casing Extraction

Step 1: Cut and recover the 2-7/8" tubing, all the way down to the cement plug at ~ 7,000 feet

Perform Diagnostic Testing

Step 2: Recover the 7" casing . Will try to get down to 895 feet, then re-evaluate safety. If feasible, will attempt to extract casing down to ~4,500 feet.

Perform Diagnostic Testing

Step 3: Recover the wellhead and tree

Prepare site for Plug and Abandon







Looking Ahead to Phase 4: Non-Destructive & Metallurgical Examination





Investigation Transparency

- SS 25 site has video cameras around the perimeter, covering the area from different angles and providing for variety of points of view
- A viewing facility has been set-up for interested parties (e.g. plaintiff attorneys and their experts) to observe activities at SS25 during evidence extraction
- Protocols for evidence extraction have been shared with the interested parties for comments, questions and feedback
- Investigation related data that's being shared with SoCal Gas for operational reasons (e.g. data from diagnostic runs) is also being shared with interested parties
- > Laboratory testing will allow for observation by interested parties
- Public information is being posted on the website at <u>http://www.cpuc.ca.gov/aliso/</u>
- For access to view viewing, copies of protocols and other investigation related questions, please contact Safety and Enforcement Division attorney Nicholas Sher <u>nicholas.sher@cpuc.ca.gov</u> or 415-703-4232





Thank you!

