

**Gas Safety Alliance Follow-Up Meeting
PG&E/City of Lafayette/GSTF/CPUC
April 13, 2020 Meeting Notes**

Attendees:

PG&E: Bennie Barnes, Lanthy Le, Tom Guarino, Marcos Monte, Marvin Nushwat

City of Lafayette Greg Wolff, Jonathon Fox, Mike Anderson

Residents / Gas Safety Task Force: Gina Dawson, Dennis Kuzak, Howard Fuchs, Michael Dawson

CPUC: Terence Eng

Meeting Context:

This meeting #6 was a resumption of the Alliance meetings after a 6 month hiatus. Zoom meeting online.

Action Items & Next Steps:

- * **PG&E to send addendum to the third-party assessment of the exposed pipelines in Briones.**
- * **PG&E to confirm location of pressure test of line 191-1 to be conducted 2022.**
- * **City staff to examine how to better notify residents of PG&E projects they know about.**
- * **Task force requests local, in-the-field TIMP audit by CPUC in addition to records review. Residents will provide CPUC with more detail of their local concerns.**

Meeting Notes:

1. **Exposed Pipeline report - PG&E's initial 3rd-party report (Oct 2019, given to City early Nov 2019) confirmed both Briones pipe spans are safe for continued operation. PG&E reengaged same 3rd party to analyze effect of wildfire temperatures on gas flow, gas pressure, coating; results are both pipelines confirmed to be safe up to expected 600 degrees. Span may bend. Report used plastic deformation vs elastic deformation. PG&E will send report that shows pipeline has safety factor of 10. For report, PG&E's firm used documentation of MAOP and historical info of line 191-1 built in 1952, but have not inline tested.**
2. **Exposed Pipeline temps- Temperatures in wildfires could reach peak 1500 degrees, but would dissipate quickly so peak pipe temperature would be 600 degrees; either hillside acts as heat sink. Gas pressure won't increase significantly due to volume of gas and ability to recoil. Field & laboratory testing showed coating will ignite, but not increase temperature or travel horizontally; report will show in detail. Trees 40' on either side removed, PG&E now considers tree in their programs, and now considering brush 20' either side, to keep elastic temperature reduced. Community concern regarding already fallen trees beneath and also clearing of brush that creates easier public access. PG&E said they will visit site to view.**
3. **Exposed Pipeline patrols - PG&E did special ground patrol (Sep 2018-Nov 2018); walked 100% of transmission pipe in Lafayette & Briones Park to look for exposed pipeline. Did not discover any new exposed pipe. PG&E discussed their normal patrols, which were performed since resident brought up attention to exposed spans: aerial/ground patrol conducted Feb 2020, leak surveys (semi-annual) late Oct, early Nov 2019. PG&E uncertain if the coating damage on line 191 was examined for corrosion before it was repaired. PG&E monitoring erosion at site through atmospheric corrosion program.**
4. **Exposed Pipelines & Welds - residents said report didn't address welds, but problems in San Bruno with welds could happen here. PG&E not concerned with welds: said this is smaller diameter, less pressure, and pipe here does not have same seam, highest stresses in long seam. Stress under regulation requirements. Does PG&E know where welds are located? Not answered. PG&E doesn't see a large amount of erosion.**
5. **HCA - PG&E performed analysis of Girl Scout Camp (GSC), completed that analysis Nov 2019. PG&E determined that location is indeed an "identified site" under HCA rules. PG&E didn't list Girl Scout Camp (hundreds of people per day in summer), because publicly available database listed it as a farm. PG&E**

modified procedures to better quality assurance the data they use to make the HCA determination. Will make it into their transmission integrity program. New HCA designation for GSC, PG&E has 10 years to do baseline assessment by code, according to CPUC. PG&E said they will pressure test this line in 2022, but PG&E will double-check. Residents said PG&E should consider Wildfire Tier 2 and Tier 3 zones effect on HCA going forward. PG&E has given this a lot of thought, but points to regulator for guidance since it's a state-wide issue. PG&E looking at new regulations going in effect this year around Moderate Consequence Area. CPUC's reaction: Tier 2 & 3 location pose risk to facilities, operator needs to incorporate into TIMP plan; nothing in state code saying wildfire needs to be part of IM plan, but if operator identifies it as a risk, it would be prudent to incorporate in plan.

6. Non traditional inspection 191-B, near Springhill Rd - PG&E provided findings to City end of 2019 to get encroachment permit, worked with order of owner on Meadowlark. Work done: installed sleeve over anomaly in January 2020. 191-B not feasible for traditional ILI (low pressure, flow) so ran robotic crawler and pulled through with rope. Took line out of service. How was anomaly discovered? Homeowner complained of cracks in driveway, so PG&E put inclinometer to determine land movement and strain on pipeline, so they did the non-traditional ILI. Anomaly was "manufacturing metal loss". Residents understand it's the oldest pipeline in Lafayette, and that trees were slated for removal with CPSI program, and that local residents were not aware of the work being done. PG&E thought they told immediate neighbors and let Mike Moran know. PG&E said they knew about land movement, they told their tree removal teams to not consider tree removal on that property.
7. PG&E said they notify City, and Mayor Anderson recommends PG&E also notifies relevant groups. City can help with notifications, but still wants to be notified. They will examine their homeowners association, and residents suggest the City includes task force members. City promised to follow-up.
8. Other Inline Inspections this calendar year - non-traditional ILI project on 191-1 close to downtown to look for External Corrosion threats. 0.93 miles 12" pipe in Sept 2020 for compliance date Dec. 2020.
9. Regulator station - PG&E installing two "sniff holes" this month to verify gas flow is off during install. "Old Castle" (?) for design of enclosure & landscaping plans, HOA will give feedback. To be done in August. Residents mentioned neighbors still concerned about emergency exit route on Andreasen Drive. End of August, PG&E will be doing the inline inspection on this site, running line 191 coming into station, depending on Covid-19. Going out of station, there will be a replacement project #R361B which is DFM work downstream of regulator station. Julian Lacson point of contact, Mayor said lots of concern in this area, PG&E needs to get more information out. PG&E uncertain if automated shut-off valve will operate the pipelines in Lafayette (3001-01).
10. SED inspection - Mayor Anderson's letter stating local concerns (ILI, HCA analysis, Andreasen regulator station, Springhill Rd anomaly) was received by CPUC. To address concerns, CPUC will conduct Lafayette-specific TIMP inspection week of June 22, 2020 led by TIMP expert Paul Penney. Goal is to "trust, but verify" confirming construction, maintenance records. Timeline for results is end of September. Residents appreciate this closer look, request field audit to be performed, as local risks not being identified and data could be missing. CPUC said that's a good question, they usually ask for utility TIMP plan and TIMP results and they will review it; if they find something is missing down the road they will use enforcement authority. PG&E has opportunity to respond to findings. Mayor & residents strongly suggests field audit should be done, CPUC will consider, could go to some active testing sites for PG&E.
11. Timing of next meeting - PG&E unsure about timing of St. Marys project, going to get pre-authorization of road closure request from City so that if shelter-in-place orders lifted, they can begin work this summer. Otherwise will delay two years. Before PG&E comes to City Council, we should again as a group to discuss. Aim for early May, then another in Sept. after CPUC's audit is released.