

From: Yee, Frances  
Sent: 1/21/2014 10:35:15 AM  
To: elizaveta.malashenko@cpuc.ca.gov (elizaveta.malashenko@cpuc.ca.gov)  
Cc: Yura, Jane (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=JKY1); Doll, Laura (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=LRDD); pac@cpuc.ca.gov (pac@cpuc.ca.gov); ejh@cpuc.ca.gov (ejh@cpuc.ca.gov);  
Redacted  
Redacted } Gibson, Bill  
(Codes) (/o=PG&E/ou=Corporate/cn=Recipients/cn=WLG3)

Bcc:

Subject: FW: PG&E: Oakland Golf Links Road Gas Incident Final Report

<<...>>

Dear Liza,

Subsequent to PG&E's January 17 transmittal of Exponent's final report on the subject incident, Exponent identified an error in their report regarding the reported number of leaks that were caused by corrosion, eight instead of nine. Exponent corrected this error and issued a revised report, dated January 20, 2014. The correction does not change the overall number of leaks detected and repaired that are discussed in the report. This revised report is attached hereto.

Regards,

Frances

---

**From:** Yura, Jane  
**Sent:** Friday, January 17, 2014 2:39 PM  
**To:** Malashenko, Elizaveta I. (elizaveta.malashenko@cpuc.ca.gov)  
**Cc:** Clanon, Paul; Hagan, Jack (Brigadier General – CA); Doll, Laura (LRDD@pge.com) Redacted  
Redacted } Gibson, Bill (Codes)  
**Subject:** PG&E: Oakland Golf Links Road Gas Incident Final Report

Liza,

Attached is the final report on the elbow fracture and subsequent fire incident that occurred on December 10, 2013, near Golf Links Road and Fontaine Street in Oakland. Exponent, Inc. performed the comprehensive investigation and prepared this report, concluding that the most likely root cause of the elbow fracture was from stresses developed over time due to creep along the Hayward Fault. The report also confirms the findings described in our December 20, 2013 update letter for metallurgical analysis, finite element modeling, and potential sources of ignition.

Based on these findings, PG&E will be taking additional steps which include: (1) modifying the piping at the original leak location, (2) performing additional studies in the neighborhood and vicinity of the leak location to determine if any other pipe configurations in the vicinity of the Hayward Fault creep trace could be vulnerable to earth displacement loads, and (3) incorporating the seismic creep threat into PG&E's Distribution Integrity Management Program.

Please let me know if you have any questions.

Thank you,  
Jane