

**PACIFIC GAS AND ELECTRIC COMPANY  
San Bruno GT Line Rupture Investigation  
Data Response**

PG&E Data Request No.:	CPUC 221-01		
PG&E File Name:	SanBrunoGT-LineRuptureInvestigation_DR_CPUC_221-Q01		
Request Date:	October 20, 2011	Requester DR No.:	
Date Sent:	October 28, 2011	Requesting Party:	CPUC (CPSD)
		Requester:	Sunil Shori

**QUESTION 1**

How should we interpret the Grade 1 transmission and distribution leaks which the responses indicate as existing on the system as of October 12th? Are these open Grade 1 leaks (i.e., not yet repaired or downgraded) or are they Grade 1 leaks which occurred on the system, but have been repaired? If it is the latter case, when were the leaks found and when were they repaired or downgraded? If it is the former case, how does PG&E justify a leak remaining as a Grade 1 leak for 8 days?

**ANSWER 1**

The report of open leaks was a "snapshot" of the leaks database at a point in time. PG&E's actual query was run on October 11, 2011, and the results referred to "as of October 12" in the prior responses. Therefore, the search results will show Grade 1 leaks (a) that were being repaired as of that date or (b) that had been repaired or downgraded, but the repair work or downgrade had not yet been reflected in the database. All of the Grade 1 leaks listed have been addressed either by being repaired, continually worked or downgraded.

The transmission Grade 1 leak that was open for 8 days, and is still open, is a leak on Line 21G, which is continually being worked and has had personnel on site 24 hours a day. On the morning of September 19, 2011, PG&E personnel discovered gas readings at the casing vent for a 20-inch casing surrounding 16-inch steel gas transmission line L-21G under Redwood Boulevard, south of Atherton Avenue, in Novato. PG&E crews excavated the pipe and casing on both sides of the roadway in an attempt to identify the location of the leak. Unfortunately, the source of the leak was not at either side of the roadway, but appears to be located somewhere under the roadway. Due to the location of the leak, it was not feasible to repair the leak while maintaining gas service to all customers. To avoid a disruption of service, PG&E is installing a new pipe under the roadway adjacent to the existing pipe. PG&E notified CPSD of this leak on the day it was discovered and has been in regular communication with CPSD concerning this leak and the status of our repairs. Repairs are expected to be completed by the end of November. This particular leak will remain in "open" status until the new pipe is in service and the cased pipe de-activated.

The attached table, *SanBrunoGT-LineRuptureInvestigation\_DR\_CPUC\_221-Q01Atch01*, shows the disposition of the 12 distribution Grade 1 leaks: nine were repaired the same day as being graded a 1, one was downgraded to a 2+ and repaired,

one was downgraded to a 2, and one leak could not be confirmed and may have been a false reading. Leak number 11 on the attached list was upgraded to a Grade 1 on October 7, 2011; and repaired the same day, due to customer anxiety.