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

PG&E Data Request No.:	CPUC_213-02		
PG&E File Name:	SanBrunoGT-LineRuptureInvestigation_DR_CPUC_213-Q02		
Request Date:	October 14, 2011	Requester DR No.:	
Date Sent:	October 21, 2011	Requesting Party:	CPUC (CPSD)
		Requester:	Sunil Shori

QUESTION 2

What level of seismic threat was determined as existing during the previous two integrity assessments performed on the segments comprising the section of pipe and how was the threat mitigated?

ANSWER 2

As part of the annual threat analysis on all covered segments, data are collected from a variety of sources, including seismic information along our transmission ROW. In 2004, Line 132 MP 42.13 -43.55 was determined to have a Weather and Outside Force Threat per RMP-04. The potential for seismic activity is one of the components used to determine the Weather and Outside Force Threat, and seismic activity was found to be a contributing factor in the threat determination process for this location. Specifically this segment is located in an area with the potential for ground acceleration >= 0.5g. This estimated level of potential ground acceleration has been unchanged since 2004 when this threat was first determined.

To respond to an earthquake across the service territory, PG&E has developed and implemented a gas transmission response plan (RMI-04) to mitigate seismic events. This procedure is consistent with the acceptable prevention and repair methods in ASME B31.8S Table 4. In addition, weather conditions are monitored per RMI-04A and the pipeline is leak surveyed and patrolled as prescribed by existing PG&E standards S4110 and S4111 respectively.

After the San Bruno accident, remote control capability was added to Healy Station at MP 40.05.