

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

PG&E Data Request No.:	CPUC_139-01Supp01		
PG&E File Name:	SanBrunoGT-LineRuptureInvestigation_DR_CPUC_139-Q01Supp01		
Request Date:	July 13, 2011	Requester DR No.:	
Date Sent:	February 27, 2012	Requesting Party:	CPUC (CPSD)
		Requester:	██████████

QUESTION 1

Provide a complete list of the transmission pipeline segments for which PG&E will be required to confirm the MAOP due to class location change as a result of the recent class location study. Include the following pipeline specifications and operational details: Line and segment number, start and end MPs, installation date, size, grade, seam type with joint factor, coating type, valve spacing, before and after: MAOP, class location, MOP, % SMYS, dates (month/year) of last two class location studies conducted in the area along with supporting documents which initiated the class location study. Identify specific near term remedial actions taken (e.g., pressure reduction) and long term actions (e.g., more frequent leak surveys, patrols etc.) to achieve compliance and the date this action was taken.

ANSWER 1

PG&E understands this request to seek information regarding the approximately 100 miles of transmission pipeline, identified on page seven of PG&E's June 30, 2011 Class Location Designation Report, for which PG&E committed to confirm the appropriate MAOP. PG&E is aggressively reviewing its records to confirm the appropriate MAOP for these segments. PG&E may replace pipe or make additional pressure reductions as this review progresses, and we will keep the Commission closely informed of our progress.

Attached is a spreadsheet that provides GIS information for the requested pipeline specifications and operational details (*SanBrunoGT-LineRuptureInvestigation_DR_CPUC_139-Q01Atch01-CONF*).¹ Due to time constraints, this spreadsheet does not include information regarding valve spacing. PG&E will provide

¹ PG&E's GIS system was built as a framework upon which to transfer information from two sources of paper records located throughout PG&E's service territory. It was intended that the quality and quantity of data would continually improve over time. Pipelines are constructed of many different components and sections. In situations where the documentation does not provide the actual pipe material properties for a specific component, conservative engineering values are used based on the standards and specifications in effect at the time of construction. These assumed values are denoted in GIS and on the attached spreadsheet by a negative sign.

the Commission an updated spreadsheet, including the valve spacing data, as soon as it is able.

PG&E's current Standard 4127 was amended in May 2011 by Utility Bulletin TD-4127B-001. This amended Standard sets out that PG&E will perform a class location study once each calendar year. Attached to this response are copies of Standard 4127 (*SanBrunoGT-LineRuptureInvestigation_DR_CPUC_139-Q01Atch02-CONF*) and Utility Bulletin TF-4127B-001 (*SanBrunoGT-LineRuptureInvestigation_DR_CPUC_139-Q01Atch03-CONF*). Prior to this bulletin, PG&E managed class location change on a continuing basis using a number of information sources, but primarily through regular pipeline patrols, as set forth in Standard 4127. In addition to the continuing surveillance of its gas transmission system, PG&E reviewed class location designations between late 2004 and late 2009. This review is discussed in response to question 139.02. Attached are nine CDs containing copies of the documents underlying the 2004-2009 review of class location designations as well as a tenth CD containing segment specific class location studies undertaken as part of PG&E's continuing surveillance of its natural gas transmission system.

Answer 1: (Supplemental response to Question 1, dated August 9, 2011 regarding valve spacing)

Please see *SanBrunoGT-LineRuptureInvestigation_DR_CPUC_139-Q01Supp01Atch01* that provides valve spacing information on 1376 class change up segments. PG&E has provided the other requested specifications on these segments in Answer 1 above.