

**PACIFIC GAS AND ELECTRIC COMPANY  
Gas Pipeline Safety OIR  
Rulemaking 11-02-019  
Data Response**

PG&E Data Request No.:	LocalUnions246-342_003-12		
PG&E File Name:	GasPipelineSafetyOIR_DR_LocalUnions246-342_003-Q12		
Request Date:	January 17, 2012	Requester DR No.:	003
Date Sent:	March 5, 2012	Requesting Party:	Plumbers/Pipe Fitters/Steamfitters Local Unions 246/342
PG&E Responder:	Ben Campbell	Requester:	Sarah Grossman-Swenson

*As used in the following questions, the terms “segment,” “pipeline segment,” and “pipeline test segment” are used synonymously, in the context of hydrostatic gas pipeline testing, to refer to the portion of a gas pipeline between the inlet and the outlet for water used in a particular hydrostatic test.*

**QUESTION 12**

With respect to each pipeline test segment upon which a hydrostatic pressure test was performed in 2010 or 2011, for each segment, please state the segment’s:

- a. Location and length;
- b. PG&E identification;
- c. Year pipe was installed;
- d. Year pipe was hydrostatically tested if known;
- e. Pipe diameter and wall thickness;
- f. Type of pipe and pipe grades;
- g. historical past pressure and the historical MOP from installation to the present;
- h. MAOPs before the test in 2010 or 2011;
- i. MAOPs after the test in 2010 or 2011;
- j. Internal design pressure of pipe;
- k. Drawing of test segment;

- l. History of leaks found in this segment;
- m. History of pipeline repairs in this segment;
- n. Date the test was completed and the date that the test record was certified.

## **ANSWER 12**

PG&E interprets this question to relate to hydrostatic pressure tests performed on existing pipe, and not to new installations. PG&E did not conduct any hydrostatic pressure tests on existing pipe in 2010.

Please see the attached spreadsheet, GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01, which contains two tabs: "Hydrotest 2011-SUMMARY" and "Hydrotest'11-GIS DETAILED VIEW".

- a. Please see the "Hydrotest 2011-SUMMARY" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01.
- b. Please see the "Hydrotest'11-GIS DETAILED VIEW" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01.
- c. Please see the "Hydrotest'11-GIS DETAILED VIEW" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01.
- d. PG&E did not conduct any hydrostatic tests on existing pipelines in 2010. All data provided are for tests conducted in 2011.
- e. Please see the "Hydrotest'11-GIS DETAILED VIEW" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01.
- f. Please see the "Hydrotest'11-GIS DETAILED VIEW" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01.
- g. Please see the "Hydrotest'11-GIS DETAILED VIEW" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01 for the current Maximum Operating Pressure (MOP) and Maximum Allowable Operating Pressure (MAOP) of the test section. The historical past pressure and historical MOP of the pipeline since installation is not readily available and would require burdensome manual searches through boxes in storage and other paper files.
- h. Please see the "Hydrotest'11-GIS DETAILED VIEW" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01.

- i. The hydrostatic test does not change the MAOP of the pipeline immediately after a test. To change the MAOP of the pipeline requires multiple other steps as required by regulation. This was not the intent of PG&E's 2011 hydrostatic tests.
- j. The internal design pressure of the pipeline is not a common industry term. The Specified Minimum Yield Strength (SMYS) of the pipe describes the strength of the steel, and the Class Location determines what the maximum allowable stress can be during operation. Together, these two figures can allow one to calculate the MAOP for the pipeline.
- k. These documents contain critical infrastructure information and cannot be provided except upon execution of a Non-Disclosure Agreement.
- l. The history of leaks found in the segment since installation is not readily available and would require burdensome manual searches through boxes in storage and other paper files.
- m. The history of pipeline repairs for each segment since installation is not readily available and would require burdensome manual searches through boxes in storage and other paper files.
- n. Please see the "Hydrotest 2011-SUMMARY" tab in GasPipelineSafetyOIR\_DR\_LocalUnions246-342\_003-Q12Atch01. PG&E considers the test certified when the RCP report is signed.