

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

PG&E Data Request No.:	LocalUnions246-342_003-04		
PG&E File Name:	GasPipelineSafetyOIR_DR_LocalUnions246-342_003-Q04		
Request Date:	January 17, 2012	Requester DR No.:	003
Date Sent:	January 27, 2012	Requesting Party:	Plumbers/Pipe Fitters/Steamfitters Local Unions 246/342
PG&E Witness:	Todd Hogenson	Requester:	Sarah Grossman-Swenson

QUESTION 4

In Table 2, Capital Expenditures by Maintenance Activity Type (MAT) of PG&E's Implementation Plan, 151 pipeline segments are listed for replacement in Phase 1. For each of the segments listed in Table 2, at lines 1 through 151, please provide the following, using ordinary language in your explanations:

- a. Please explain the "order description" in ordinary language, including the length of each segment to be replaced;
- b. Please describe the location of the segment to be replaced, by county and city or town; for those segments located outside a city or town, please describe the nearest geographical location, the distance of the segment to the geographic location, and the county;
- c. What criteria from the decision tree were in fact utilized for the segment, and how did the criteria cause the segment to be placed on the Phase I priority list?
- d. What did PG&E do to determine the length of the segment to be replaced?
- e. Please state whether testing was performed to identify the length of the segment to be replaced; if testing was performed, please describe it;
- f. Will the work be performed by an independent contractor, by PG&E's employees, or by a combination of the two? If it will be done by a combination of the two, how will work responsibilities be allocated between them?

ANSWER 4

Each line number and specific project within Table 2 of the Updated Workpapers Supporting Chapter 3, Pipeline Modernization Program (WP 3-3 through WP 3-6), includes a reference to a Project Workpaper (see column titled "Workpaper Reference") and Location Map (see column titled "Map Reference") for all 149 separate pipeline

replacement projects. For example, Line No. 7, L-021F REPL 4.24MI MP 0.00-21.16 PH1, Workpaper Reference is WP 3-20 and Map Reference 3-583. Each project has 3 to 4 pages of supporting workpapers. Page 1 (“Project Summary”) is a project description, financial expenditures, project length by diameter, project footage by classification and justification. Page 2 contains the “Project Cost” estimate summary sheet. Page 3 is a “Project Detail Worksheet.”

- a. The projects “Order Description” in ordinary language is located on the respective Project Summary workpaper under the heading entitled, “Description.”
- b. Please see project specific workpaper and map.
- c. Please see project specific workpaper, Project Detail Worksheet, last column heading, “Decision Tree.” The Alphanumeric entry in this column corresponds to the proposed action within the Pipeline Modernization Decision Tree, Attachment 3A to Chapter 3 of PG&E’s direct testimony.
- d. Each project is composed of individual pipe segments identified within PG&E’s gas transmission Geographic Information System (GIS) (see direct testimony at page 3-18). Specific pipe segments, lengths and pipeline attributes are included within each project specific workpaper, Project Detail Worksheet.
- e. Whether a pipeline had been pressure tested or strength tested was one of many attributes used to determine whether a pipeline segment would be replaced. Please see the Pipeline Modernization Decision Tree and the Decision Point Justification document, Attachments 3A and 3B, respectively, to Chapter 3 of PG&E’s direct testimony, for a further explanation of the pipeline replacement criteria.
- f. Generally, project engineering, permitting and construction will be performed with a combination of both PG&E resources and independent contractors. PG&E will be responsible for defining the scope, schedule, and cost for each project. Project construction strategy, performed by either PG&E General Construction or Contractor, will be determined by the PG&E project construction execution team on a project by project basis.