

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

PG&E Data Request No.:	LocalUnions246-342_003-05		
PG&E File Name:	GasPipelineSafetyOIR_DR_LocalUnions246-342_003-Q05		
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 5**

In Table 2, Capital Expenditures by Maintenance Activity Type (MAT) of PG&E's Implementation Plan, 19 pipeline segments are listed at lines 152-170 for replacement in Phase 1 with the description "TAPS-REPL." For each of these segments listed at lines 152-170, please provide the following, using ordinary language in the explanations:

- a. Please explain what TAPS-REPL means and how this work differs from the work to be performed on the pipeline segments listed in lines 1-151;
- b. Please explain the "order description" in ordinary language, including the length of each segment to be replaced;
- c. 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;
- d. 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?
- e. What did PG&E do to determine the length of the segment to be replaced?
- f. Please state whether testing was performed to identify the length of the segment to be replaced; if testing was performed, please describe it;
- g. 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 5

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 the 19 separate “TAPS-REPL”, pipeline replacement projects. For example, Line No. 152, “TAPS REPL CCPH1”, Workpaper Reference is WP 3-470 and Map Reference 3-728. 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, and Page 3 is a “Project Detail Worksheet”.

- a. “TAPS-REPL” was a term developed to signify the replacement of multiple short segments of pipe connected to the mainline pipeline as either cross-ties, bridle valve sets, connections to regulating stations and blow down piping. These short pipe segments are uniquely identified within PG&E’s gas transmission Geographic Information System (GIS). PG&E identified these pipe segments separately from the main gas pipeline projects because of their short length and large geographic dispersions.
- b. The project “Order Description” in ordinary language is located on the respective Project Summary workpaper under the heading entitled, “Description.” For project “TAPS-REPL CC PH1,” this means the replacement of short segments of pipe connected to the gas transmission pipeline network within Central Coast (“CC”) Division.
- c. Please see project specific workpaper and map.
- d. 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.
- e. Each project is composed of individual pipe segments identified within PG&E’s gas transmission 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.
- f. 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.
- g. 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.