



Summary of Changes from January 5, 2011 to September 27, 2011 MAOP Validation Reports

On January 5, 2011 PG&E submitted to CPSD a Pipeline Features List (PFL) and Maximum Allowable Operating Pressure (MAOP) report for L101 from Milpitas Terminal (MP 0.00) to Lomita Park Station (MP 33.7). The purpose of this summary is to describe the several updates since the January 5 report to both the PFL and MAOP reports being submitted on September 27, 2011.

- 1) Updated results from the most recent class location study completed in June, 2011 for PG&E's gas transmission system for MAOP validation.
- 2) Performed updates to the PFL as a result of all 2011 work conducted on the pipeline including two mainline valve replacements and two hydro tests.
- 3) All strength test information used for MAOP validation has been obtained from Strength Test Pressure Reports (STPRs) included with this submission. No pipe specifications or strength test data was used from GIS.
- 4) Established traceability of data to original source documents that includes as-built construction drawings, purchase orders, material requisitions, transmission plat sheets and other related records.
- 5) Adjusted sleeve specifications in accordance with the process established for the Data & MAOP Validation Project and validated these specifications by conducting sample excavations and performing non-destructive examinations.
- 6) Performed two sleeve verification excavations to conduct non-destructive examinations of sleeve material. An additional sleeve verification excavation is pending and awaiting permitting approval. Results of the completed and status of the pending excavations are included in the "MAOP Validation Field Test Results (2011)" attachment. The CPUC was notified of each excavation.
- 7) Used conservative assumptions where applicable in accordance with the process established for the Data & MAOP Validation Project.

The data outlined below has been included in this submittal that supports a current pipeline Maximum Operating Pressure (MOP) of 365 psig. The limiting feature is a 36" x 34" reducer installed in 1963 at MP 3.48. PG&E is in the process of obtaining permitting approval to conduct an excavation and perform non-destructive examination that may result in MAOP validation or possible replacement. PG&E will continue to ensure the CPSD is informed regarding the status of this excavation.

- Pipeline Features List & Maximum Allowable Operating Pressure Report
- Strength Test Pressure Reports
- MAOP Validation Field Test Results (2011)