

**SAN DIEGO GAS & ELECTRIC COMPANY  
SOUTHERN CALIFORNIA GAS COMPANY  
PIPELINE SAFETY & RELIABILITY PROJECT (PSRP)  
(A.15-09-013)  
(SED DR 4)**

**Date Requested: June 20, 2016  
Date Responded: June 27, 2016**

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**QUESTION 1:**

Question 2 of SED's May 31, 2016 Data Request required a segment by segment engineering analysis for the entire Line 1600 with any unknown pipeline characteristics identified and any assumed values detailed. Please provide clarification to your response that states: "The segment in the attached document (SED DR 3 Q2 and Q3 L1600 SEGMENTS.pdf) highlighted in gray has an unknown wall thickness and grade and the corresponding engineered value is prefixed with a "DT" (Decision Tree) designation."

Does this mean that this is the only segment of Line 1600 with unknown pipeline characteristics?

Please identify all unknown pipeline characteristics or assumed values on your spreadsheet that you provided to SED.

**RESPONSE 1:**

Yes, the only segment of Line 1600 with unknown pipeline characteristics was highlighted in gray in the attachment "SED DR 3 Q2 and Q3 L1600 SEGMENTS.pdf" provided to SED on June 13, 2016.

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**QUESTION 2:**

In your response to Question 8 of SED's May 31, 2016 Data Request you referred to underlying hydrostatic test analysis ("Analysis shows that...") Provide the analysis, data or model that SDG&E used to estimate the 2 ¾ to 4 ¼ years required to hydrostatically test the entire length of Line 1600.

**RESPONSE 2:**

The information requested is set forth in the A.15-09-013 Prepared Direct Testimony of Neil Navin (March 21, 2016), Attachment B: Line 1600 Hydrotest Study and Cost Estimate. It may be obtained here: [https://www.sdge.com/sites/default/files/regulatory/A.15-09-013%20Prepared%20Direct%20Testimony%20of%20N.%20Navin%203-21-16\\_0.pdf](https://www.sdge.com/sites/default/files/regulatory/A.15-09-013%20Prepared%20Direct%20Testimony%20of%20N.%20Navin%203-21-16_0.pdf)

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**QUESTION 3:**

What is the estimated life of a repurposed transmission pipeline to a distribution line (Line 1600).

**RESPONSE 3:**

A formal estimation of the life of Line 1600 if repurposed to a distribution line pipeline has not been conducted. As discussed on pages 23-26 of the Prepared Direct Testimony of Travis Sera, pressure reduction of Line 1600 to 320 psig significantly increases the safety margin of the pipeline while simultaneously reducing overall risk. A repurposed Line 1600 that operates at a distribution pressure of 320 psig will require some investment to install new interconnections, pressure regulation, and valves – and recognizing the increased safety margin and lower risk profile, it would be reasonable and appropriate to adopt a full book life of 60 years in alignment with FERC account G-376 for Gas Distributions Mains.