

From: Fassett, Robert (GT&D)
Sent: 12/15/2010 6:13:16 AM
To: Raffy Stepanian (rst@cpuc.ca.gov) (rst@cpuc.ca.gov)
Cc: Carter, Glen E (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=GECJ);
Stock, William (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=WCS3)
Bcc:
Subject: Industry paper on hydrotest

Raffy,

There was some mention about hydro-testes in yesterdays phone call and I think there were different understandings of there use and the plusses and minuses with using them. My understanding of them is influenced by the attached paper from [Redacted] and [Redacted] entitled "the Benefits and Limitations of Hydrostatic Testing" . They differentiate between hydro-tests for new construction and hydro-tests as an integrity assessment method for existing pipelins. For existing pipelines they state that if one can use an ILI tool designed to address the threat of concern then ILI should be used instead of hydro-testing. If hydrotesting has to be used they provide criteria for when is can be used and criteria for how to design the test. They do not recommend hydro-test to last longer than 30 minutes for a test of 1.25 of MOP of the line.

I'd be happy to discuss further if you'd like.

Take Care!

Bob