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Filer:	Patty Paul
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Scoping Workshop Agenda

Research Needs on Natural Gas Infrastructure Safety and Integrity

September 17, 2018, 1:00–3:30 PM
California Energy Commission
First Floor, Charles Imbrecht Hearing Room
1516 Ninth Street, Sacramento, CA 95814

Since 2001, several accidents involving underground natural gas storage and pipeline infrastructure have occurred in California. These events have highlighted the need to assess and improve natural gas infrastructure safety and integrity. The California Energy Commission has identified research needs on: (1) seismic risk assessment of natural gas infrastructure; and (2) enhanced training and tools for natural gas engineers and inspectors. This scoping workshop will provide an opportunity for stakeholders to participate in the shaping of these research areas.

1:00–1:10 PM: Welcome and Introduction (David Erne)

Introduction and the purpose of the workshop

1:10–2:40 PM: Seismic Risk Assessment Needs (moderated by David Erne)

Substantial research has been conducted on seismic risks to above-ground built infrastructure in California; however, little research has been conducted on potential seismic risks to underground natural gas storage or to the threat of certain risks, such as landslides, to above ground natural gas infrastructure. This session will discuss current efforts to assess seismic risk and gaps that further research can address.

Speakers:

- **Alan Walker**, Division of Oil, Gas and Geothermal Resources
- **David Wald**, U.S. Geological Survey
- **Mehrshad Ketabdar**, Southern California Gas Company
- **Chris Madugo**, Pacific Gas & Electric

Discussion and public comments on draft GFO wording

2:40–3:30 PM: Inspector Training Tools (moderated by David Erne)

California Public Utilities Commission (CPUC) engineers receive substantial inspection training through Pipeline and Hazardous Materials Safety Administration required programs. However, CPUC engineers could conduct more effective and efficient inspections through the integration of technologies to provide better in-field training and performance.

Speaker:

- **Matthewson Epuna**, California Public Utilities Commission
- **Richard Boyd**, Division of Oil, Gas and Geothermal Resources

Discussion and public comments on draft GFO wording

3:30 PM: Adjourn