

MEETING NOTES

PASADENA CITIZENS' ADVISORY COUNCIL

www.pasadenacac.org

Thursday, December 3, 2020

Via Zoom Video/Teleconference

The 277th meeting of the Pasadena Citizens' Advisory Council (PCAC) was held on Thursday, December 3, 2020 via Zoom Video/Teleconference. The meeting notes from October 27, 2020 were approved without change. The meeting ground-rules were reviewed and accepted. Facilitator Diane Sheridan reviewed the agenda, which was accepted as proposed.

ATTENDEES *italicized*

PCAC Members

Ruth Askine
Diane Barnes, CTHS
Charles Beckman
_____, City of Pasadena OEM
Raul Camarillo, Jr.
Emilio Carmona
Monica De La Portilla
Tammy De Los Santos, City of
Pasadena Parks and Rec.
Ninfa Herrera, City of Pasadena
Neighborhood Network
Albert Gonzales
Rick Guerrero
Ken Jackson
Mike Jackson
Regina Lindsey, Economic Alliance
Houston Port Region
Luz Locke
Loretta McCarthy
Royce Measures

Ellis Orozco
Ernesto Paredes
Margie Pena
Dominick Rezza
Giovanna Searcy
Leon Searcy
Richard Sims
Sue Sims
Joe Valdivia
Christina Womack, Chamber of
Commerce
Jack Womack

Support

Diane Sheridan, Facilitator
Tiffany Miller, Secretary

Observers or Resources

Amanda Accardo, Shell
Yolanda Alvarado, HCDA

Frank Borrego
Jerry Caraviotis, HCPCS
John Collins
Asha Luthra, Shell Pipeline
Jessi Stanley, Shell Pipeline
Stephanie Thomas
Pat Van Houte
David Wade, HCOHSEM
Blake White, HCOHSEM
Jeff Whitworth, Shell Pipeline
(Speaker)
Danielle Woods, TCEQ

CAC Plant Members

Afton Chemical, Scott Kolb for Hari
Sundaram
Air Products, Rachel Glenn
Albemarle, Lisa Fruge, Michael
Mitchell, Alex Takeda

BASF, Wendel Langley
Chevron Pasadena Refinery, Rajni
Yadav for Matt Postage
Chevron Phillips, Chad Jennings
Enterprise Products, Stephanie Ho,
Chris Ruggles
Ethyl, Scott Kolb for Antonio Salinas
Evonik, _____
Gulf Coast Authority, Phyllis Frank
INEOS Phenol, _____
Intercontinental Terminals, _____
KM Export Terminal, Alex Rendon for
David Koetter
KM Liquids Terminal, Alex Rendon
LyondellBasell Refinery, Chris
Matthews
OxyVinyls, Scott Halbrooks, Michael
Shirey
PCI Nitrogen, _____
Sekisui, Jeff Thompson

Innovations in the Safety of Pipeline Transportation of Hazardous Materials

Slides can be found at: <https://primis.phmsa.dot.gov/rd/mtgs/021920/Jeff%20Whitworth.pdf>

Jeff Whitworth, Shell Pipeline Reliability and Integrity Manager, presented information regarding challenges facing the liquid pipeline industry and steps being taken to address them. Liquids pipelines deliver products safely 99.999% of the time. Corrosion failures, incorrect operations, excavation incidents, natural force incidents (e.g. landslides or storms) are common reasons for pipeline failures, in this order. The Pipeline and Hazardous Materials Safety Administration (PHMSA) and the Pipeline Research Council International (PRCI) work together to test new technology for the detection of leaks. Whitworth compared the use of "smart pigs" to detect internal damage on a pipeline to a medical CT or MRI scan for humans. A focus on industry-based Goal Zero process safety mindset; better collaboration between industry, regulatory agencies and vendors to advance new technologies; and the use of data platforms that will allow for the sharing of incidents and best practices. A recent example of collaboration is construction of a full-scale pipeline testing facility in Colorado.

Questions:

How far apart of the sensors on the “smart pigs”? In each 10-foot segment, there are hundreds of sensors that are arranged in an overlapping pattern to provide full and complete coverage. The pig travels approximately 3 mph through the pipeline and gathers terabytes of data.

How do you determine the timing on testing your pipelines? The Pipeline Safety Act of 2002 mandated that each pipeline be tested for integrity every five years. Whitworth shared that Shell looks at the threats associated with pipeline to determine if more frequent testing is needed. For example, Shell pigs some lines every 2 years.

How long does it take to detect a leak? For big leaks, leak detection is immediate and Shell has the ability to quickly shut down the affected area. For smaller pinhole leaks, maybe a couple of weeks. Functional pipeline segments vary in length, with some as long as 40 miles. with shutdown valves every 10 miles. Valves are remotely operated.

UPDATES

Diane Sheridan shared information regarding the recent passing of PCAC member Frank Bengochea, City of Pasadena’s Emergency Management Coordinator, after a long struggle with COVID. PCAC sent sympathy to his family and also to PCAC member Diane Barnes on the loss of her husband.

On behalf of Barnes, Diane reminded attendees about an opportunity to support students at the Kirk Lewis Career and Technical High School. If you have an interest in supporting the students by purchasing an ad in their yearbook, please contact Diane Sheridan for further information. She has the details from Diane Barnes.

Diane Sheridan announced that she has been asked to serve on the American Chemistry Council (ACC) Responsible Care (RC) Strategic Review Advisory Board. The ACC has been conducting a review of the Responsible Care program and now has recommendations they are going to test with some outsiders before taking them to the board next June. She will be giving input as a CAP facilitator of so many Gulf Coast plant CACs. Sheridan was on the original RC Public Advisory Panel from 1988-2007.

Frank Borrego remains concerned about some CAER Online messages, which do not convey enough information, giving the impression that the company does not want people to know what was released and other details. Sheridan asks that people notify her when a problem occurs so can follow up with specific information about information needed but not provided.

FACILITY UPDATE SUMMARY

Acronym List on PCAC website

Plant representatives reviewed highlights of the written reports projected on the screen, and they responded to questions. The update summary as of 12-3-2020 will be mailed to members and other attendees after the meeting. Direct questions to Diane Sheridan, dbsfacilitator@gmail.com, 281-326-5253.

In a Nutshell :

Updates were received from all 18 plants

1 had reportable environmental incidents (2 at KM Liquids Terminal)

0 had OSHA recordable injuries

17 had neither environmental nor safety incidents

17 plants had no environmental incidents:

- | | | |
|------------------------------|-------------------------------------|------------------|
| 1. Afton Chemical | 8. Ethyl | 15. Oxy Vinyls |
| 2. Air Products | 9. Evonik | 16. PCI Nitrogen |
| 3. Albemarle | 10. Gulf Coast Authority | 17. Sekisui |
| 4. BASF | 11. INEOS Phenol | |
| 5. Chevron Pasadena Refinery | 12. Intercontinental Terminals | |
| 6. Chevron Phillips | 13. Kinder Morgan Export Terminal | |
| 7. Enterprise Products | 14. LyondellBasell Houston Refinery | |

18 plants had no safety incidents:

- | | | |
|------------------------------|------------------------------------|-------------------------------------|
| 1. Afton Chemical | 8. Ethyl | 15. LyondellBasell Houston Refinery |
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| 4. BASF | 11. INEOS Phenol | 18. Sekisui |
| 5. Chevron Pasadena Refinery | 12. Intercontinental Terminals | |
| 6. Chevron Phillips | 13. Kinder Morgan Export Terminal | |
| 7. Enterprise Products | 14. Kinder Morgan Liquids Terminal | |

FUTURE PCAC MEETINGS

Meetings are from 6:00 – 7:30 p.m. via Zoom video conference unless otherwise indicated

Tuesday, January 26, 2021 – 30th Anniversary of PCAC; Celebrating the History of the group. Bring a guest to introduce them to the group. Toast the end of 2020 and the start of a new year.

Tuesday, February 23, 2021 –Annual Report on Worker Safety

DATES FOR 2021

Tues. Jan. 26
Tues. Feb. 23
Thurs. Mar. 25
Tues. Apr. 27

Tues. May 25
No June or July meetings
Thurs. Aug. 26
Tues. Sept. 28

Tues. Oct. 26
Thurs. Dec. 2 (delayed due to Thanksgiving)
No December meetings