

Paul Penn, Moderator

EnMagine

Chemical Facility Safety Panel



National Institute of
Environmental Health Sciences

*Worker Education and
Training Program*

Panel Members

- **Bill Hoyle**, Chemical Safety and Hazard Investigation Board and California Department of Industrial Relations
- **Kim Nibarger**, United Steel Workers
- **Cesar Diaz**, State Building & Construction Trades Council of California
- **Elizabeth Harman**, International Association of Fire Fighters
- **Tim Malloy**, UCLA Law School and Sustainable Technology and Policy Program

Panelists Asked to Address:

- What are the comprehensive and appropriate training, equipment, and content (e.g., HAZWOPER, PSM, HCS/GHS) elements that would improve prevention and response safety and effectiveness at refineries and other high risk facilities for:
 - Workers
 - Responders (internal and external)
 - Community

Panelists Asked to Address:

- How to build and maximize positive relationships among all of the key constituents prior to emergencies

Panelists Asked to Address:

- What are the most beneficial means of incorporating worker and community involvement and input regarding improving facility safety

Panelists Asked to Address:

- How pre-event planning, analysis, management systems, and other methodologies; and post-incident investigations, can be maximized to make substantive improvements

Panelists Asked to Address:

- How to provide communities that may experience off site consequences the information and tools to be effective and knowledgeable participants in improving facility safety

Panelists Asked to Address:

- How can the members of the workshop audience, specifically those in the greater NIEHS community, be integral participants and contributors to these processes.

Relevant Current Documents

- The Executive Order on Chemical Facility Safety- 135 Day Progress Report
- The California Report of the Interagency Working Group on Refinery Safety- Improving Public and Worker Safety at Oil Refineries
- The Request for Information from US OSHA on Process Safety Management and Prevention of Major Chemical Accidents

Following the presentations:

- Q&A- 15 minutes
- Small Group Table Discussions- 45 minutes

Presentation Time

Panel Members

- **Bill Hoyle**, Chemical Safety and Hazard Investigation Board and California Department of Industrial Relations
- **Kim Nibarger**, United Steel Workers
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Small Group Table Discussions

- Each table should appoint a spokesperson and scribe (you know the drill)
- Please address the following questions:
 - What one thing can your group, *writ large*:
 - Recommend to maximize safe and effective chemical emergency prevention/response [at refineries and other high risk facilities]?
 - Identify to break down institutional/ organizational/ and discipline-specific barriers and obstacles?

Final Activities

- 30 minutes to discuss
- 15 minutes to present
- A couple of closing comments
- Adjourn session
- Well deserved break
- Reconvene for Climate Change session