



Interstate Oil & Gas Compact Commission

Joint Committee Meeting

Environment and Safety *AND*

Energy Resources, Research & Technology

Chairs: Ben Schoffmann & Tom Williams



Ever Heard of This Disaster?



Bhopal, India (1984)

- 3,787 fatalities (perhaps 16,000 ultimately died)
 - Chemical leak
- Safety systems and many valves and lines were not working or in poor condition

Or This One?



Piper Alpha, North Sea (1988)

- 167 fatalities
- Gas leak and resulting explosion
- Occurred during major maintenance and construction activity while the platform continued to operate

Or This One?



Texas City Refinery (2005)

- 15 fatalities; 170 others injured
- Fluid leak and resulting explosion of hydrocarbon vapors
 - Overflow of blowdown stack
- Known issues with check valves, alarm systems, etc.

And Finally This One?



Macondo/Deepwater Horizon, Gulf of Mexico (2010)

- 11 fatalities; 16 others injured
- Well control incident and subsequent explosion and fire
 - Worst oil spill in American history

What is “Process Safety”

Occupational Safety

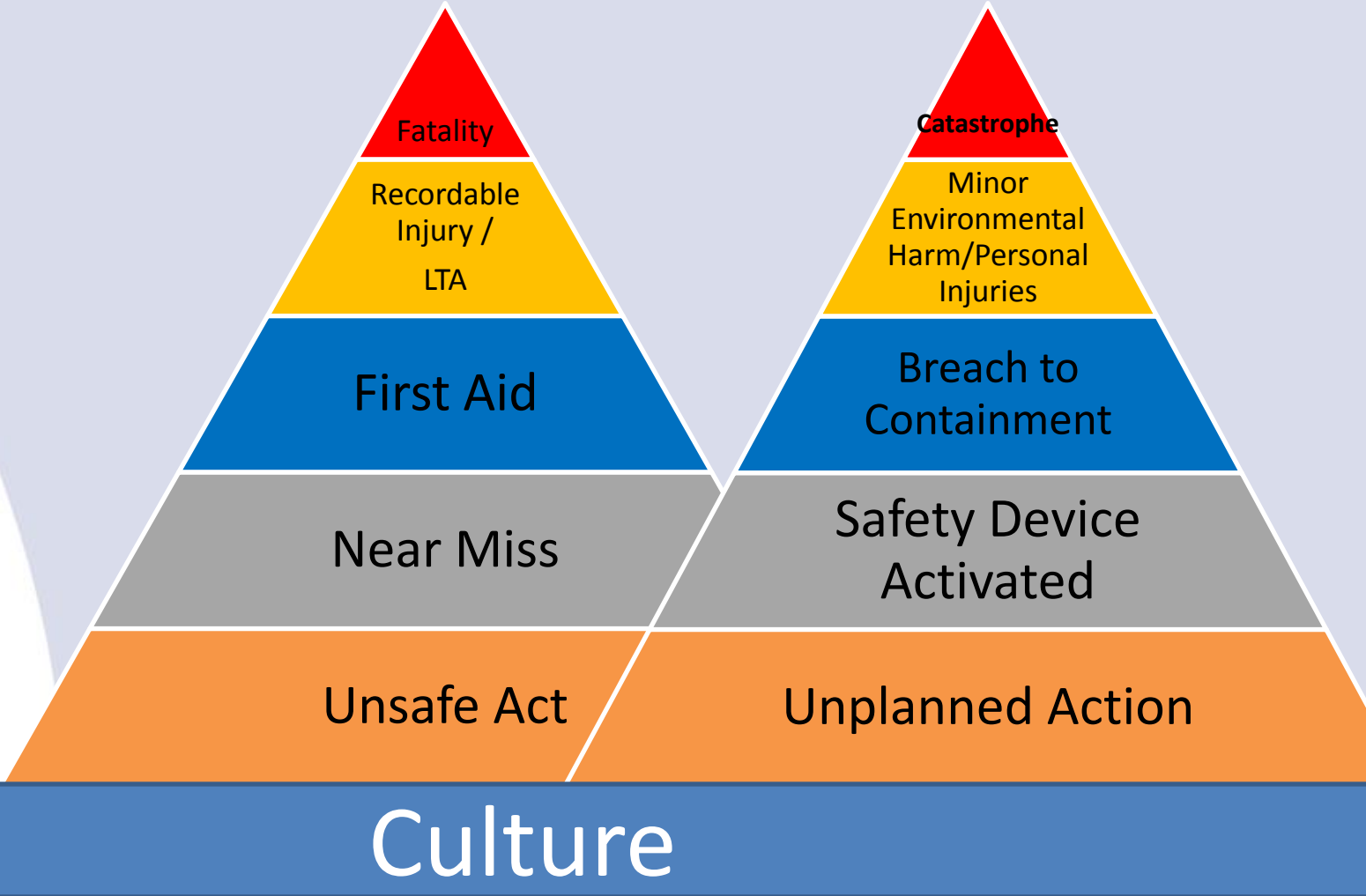
- Concerned with the well-being and protection of individuals
- When something goes wrong, a person may get hurt or killed

Process Safety

- Concerned with the integrity of systems for production, processing & transportation
- When something goes wrong, a facility, habitat or community is at risk



Safety Performance Theory



Objective

- Many groups are working to regulate safety.
- Many groups are working to improve process safety.
- How can these efforts be leveraged to encourage sharing lessons learned, best practices, and critical information?

*Goals today:
Foster
Communication
and
Collaboration*

Objective Today

Why ERRT is part of this joint meeting:

Safety leadership is best accomplished with through resources that foster a culture of safety.

Provide States with a process for understanding the resources available to you.

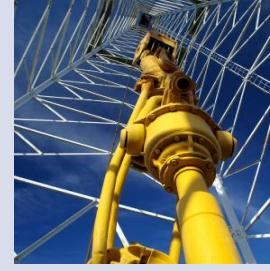
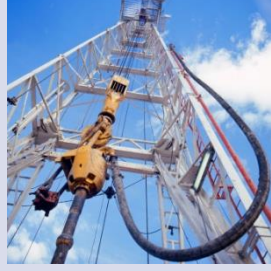
Panel Introductions

- **Trey Shaffer** *Senior Partner, ERM Representing SPE*
- **Kenny Jordan**, Executive Director, AESC
- **Mark Denkowski**, IADC

Brainstorming

- How can IOGCC engage?
- What platforms might we consider using?
- How can we best use this forum to exchange information between these organizations and States?





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