Enforcement with Understanding

Oxnard/Ventura CUPA Workshop

April 24, 2014

Are We Talking the Same Talk and Walking the Same Walk?

Reducing Risk and Threat

Where Problems Start

Is this operator ready?

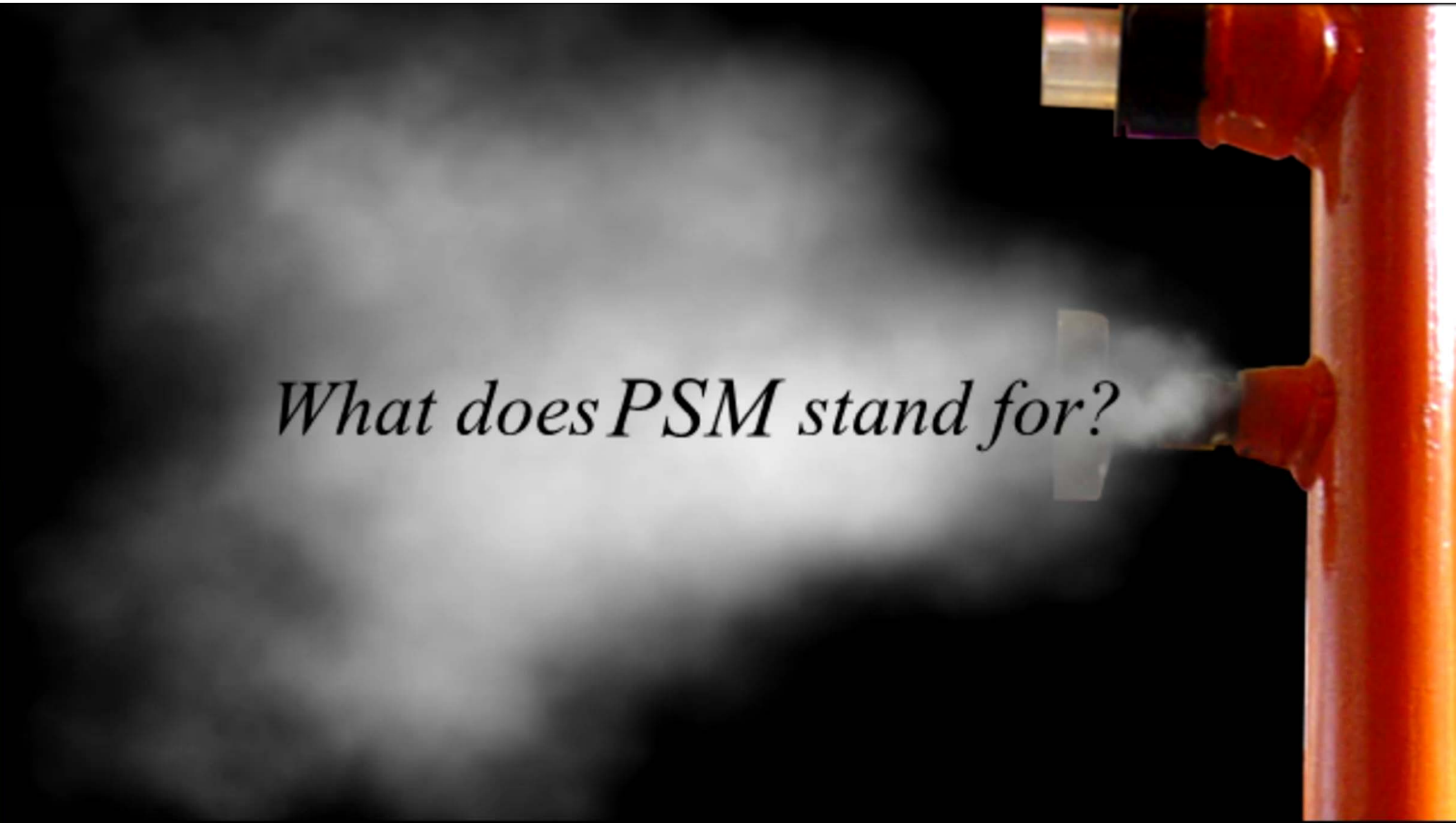
What's the problem?

What are the consequences of failure?

Scenario played out

A better option

Pre-Emergency Readiness


What does PSM stand for?

AC-1

Prevent them all or stop them small!

ACCIDENT RATIO STUDY
640 Opportunities to PREVENT Or MITIGATE the Big One!

<u>Avoid Serious Injury/Catastrophe</u>

Process Safety Management

- Paper or team engagement?

Audits and Inspections

- Compliance and real change?

Employee involvement

- Action or lip service?

Leadership driven safety culture

- Walk your talk!

The secret to success?

- Focus on the near misses!

Tri-Pod Team Relations

Change the Perspective

Regulator versus Regulated, or
Professional Connection in the Tri-Pod?

Case History:

Ron Hill, CEO, Hill Bros. Chemical Co.

- Small emergency event triggers action to correct
- Decision to comply or shut-down
- Invest $2 million in upgrades
- Realize the value of employee involvement
- The role of the CEO to lead the "safety" effort
- The value of addressing near misses
- Ron's conclusions about the value vs. expense
- Benefits of compliance realized

Working Around Ammonia

Escaping Ammonia Threats

Jose Mata Story

- Jose's injuries

Craig Miller, CEO/President Western PreCooling

Police Officer Rescue

ASTI Rescue Simulation

Decontamination Choices:

Vapor versus Aerosol burn decon

Frozen clothing – direct contact with skin

Gross decon and then comfortable shower

Complete decon BEFORE transport

Protection of those doing decon

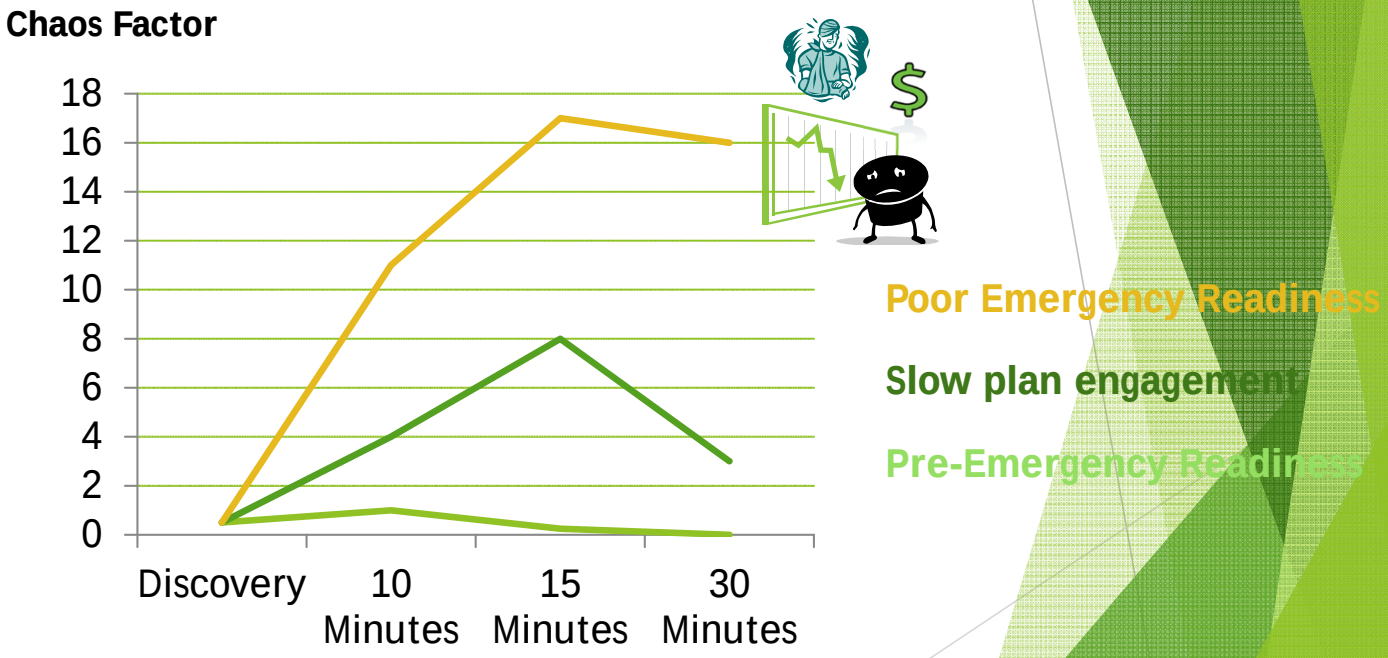
Controlling Chaos!

Chaos Factor Scale:

0-5 = Totally in sync, response team ready to "stop it small"

5-10 = Initial chaos quickly controlled by a trained response team

10-20 = Chaos, miss-direction, and High loss, injuries, and maybe worse



AMMONIA NH_3 SAFETY & TRAINING INSTITUTE

WE ALL NEED EACH OTHER

TOGETHER WE ARE EVERYTHING
ALONE WE ARE NOTHING

The Value of a Command Team

Chief Ronny Coleman

Did this go well?

[redacted]

Incident Started at about 7AM

- Operator dropped a 3/8” vapor line plug; immediate odor drove him out of the engine room.
- Plant is “Non-Response” Action Plan – Evacuate and hand it over to the fire department
- Incident Commander would not let the operators enter to fix the problem without a Hazmat Tech
- About 3 PM the problem was investigated – NO evidence of ammonia

How about this?

The value of a PLAN

- Accurate assessment
- Confident Incident Commander
- Reaction time was on target
- Problem was corrected
- Safety and effective response
- Team relationship