It Happened 40 Years Ago: Why Do We Keep Revisiting Bhopal?

Purdue Process Safety and Assurance Center (P2SAC)**PURDUE**2024 Fall P2SAC ConferenceDecember 4, 2024



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Mission of Process Safety Professionals

To reduce process safety risks that cause:

- Harm to people
- Environmental damage
- Asset or business losses

Focusing on incidents

- Runaway reactions
- Toxic releases
- Fires
- Explosions







A Very Brief History Lesson

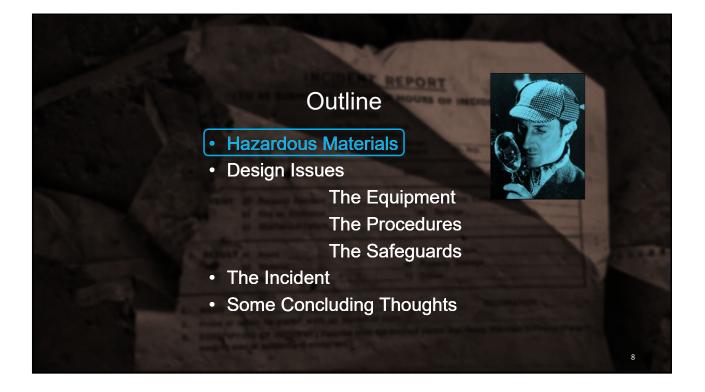
How many of you have **NOT** heard of the Bhopal incident?

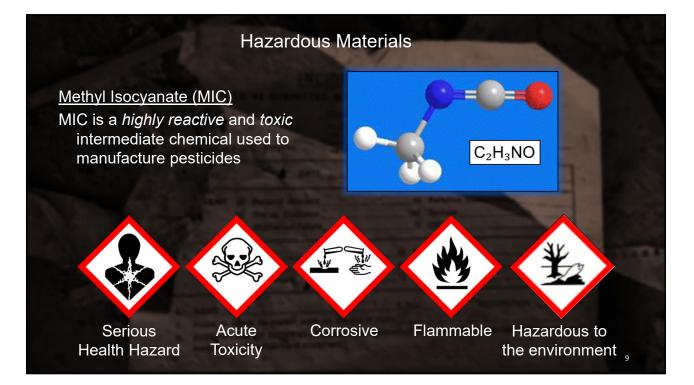
In 1984, an estimated 28-ton toxic release occurred at a four-year-old plant in India.

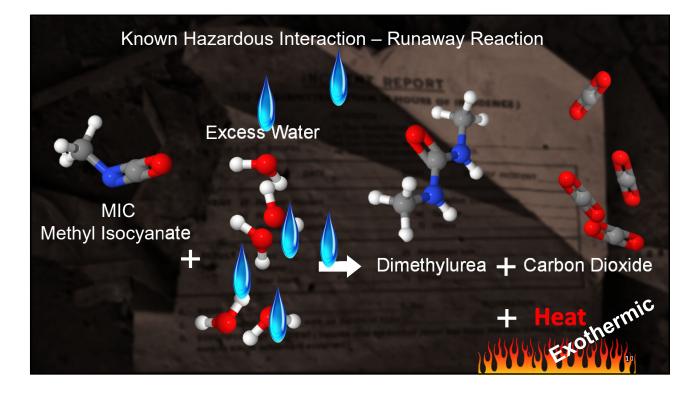
It was the worst (and is still the worst) process safety event that has ever occurred.

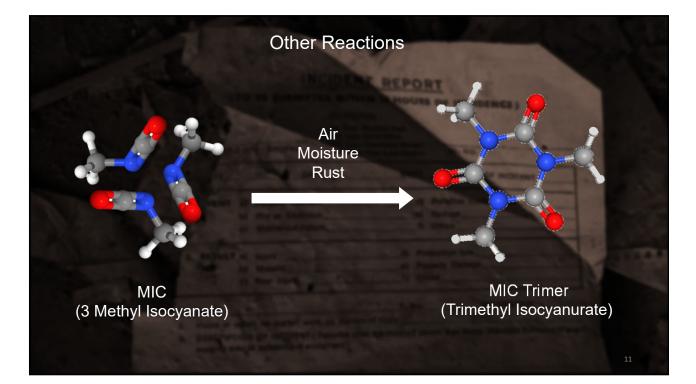
There were thousands of fatalities within the first day.

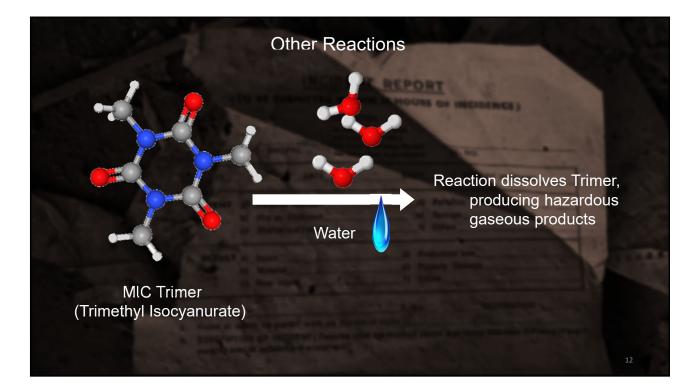


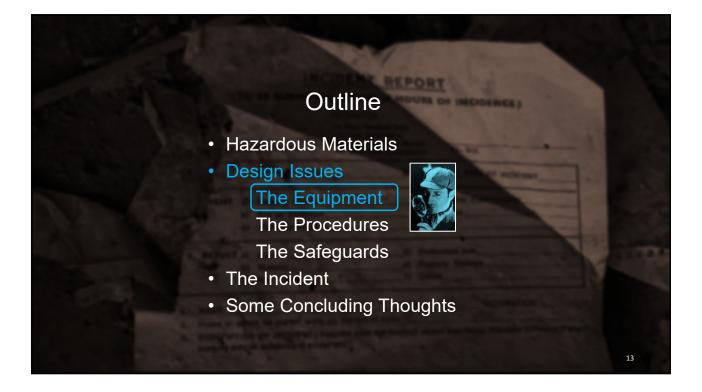


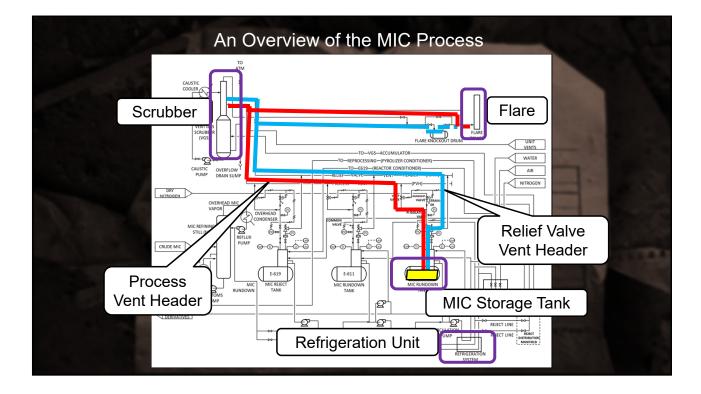


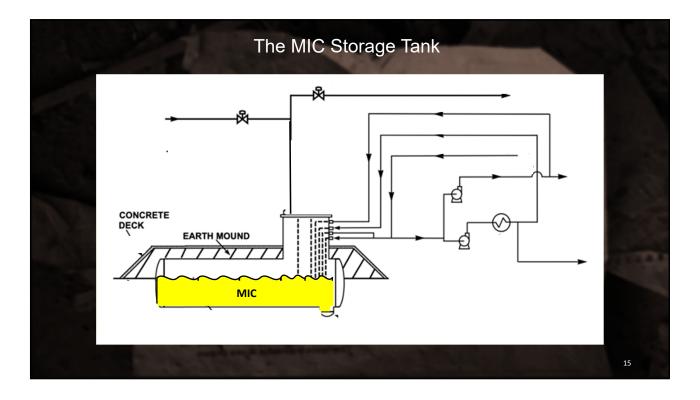


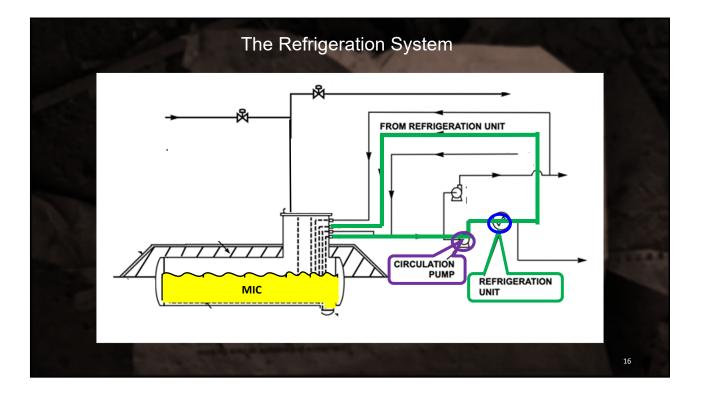


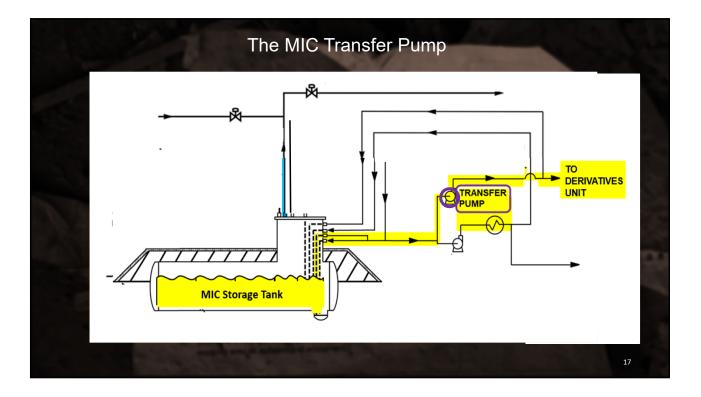


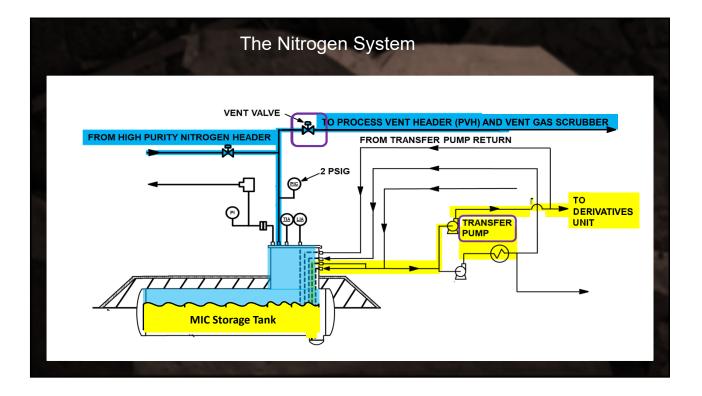


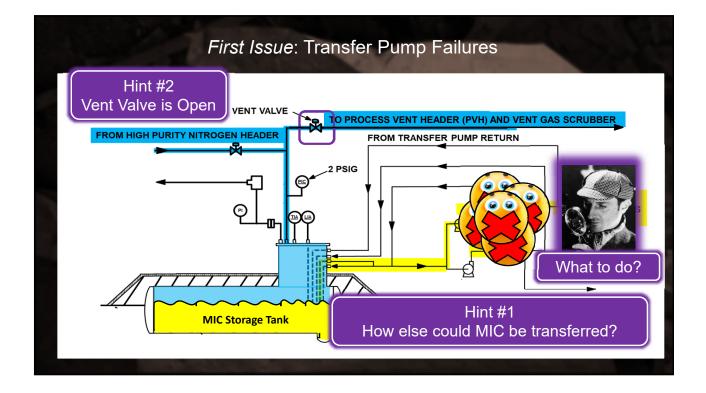


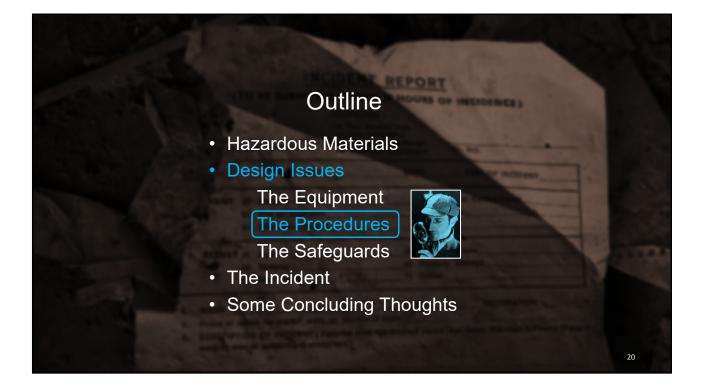


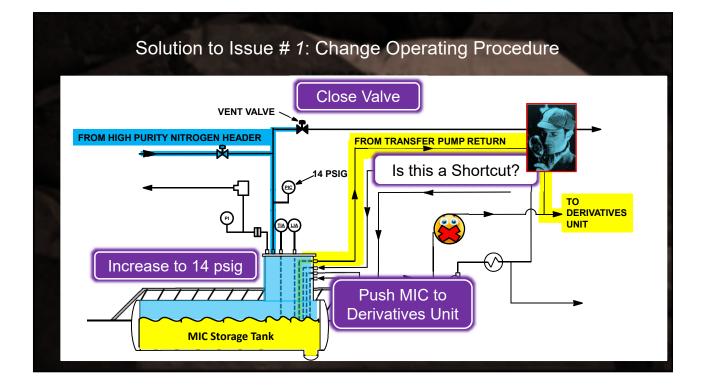


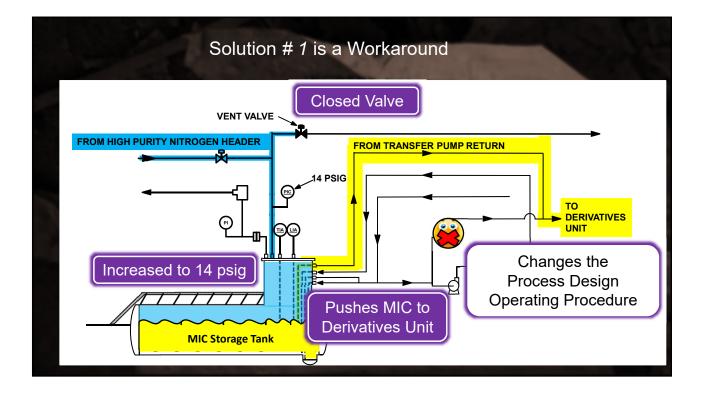


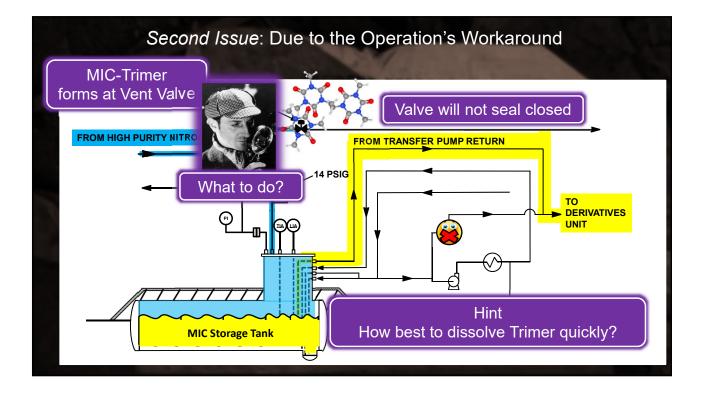


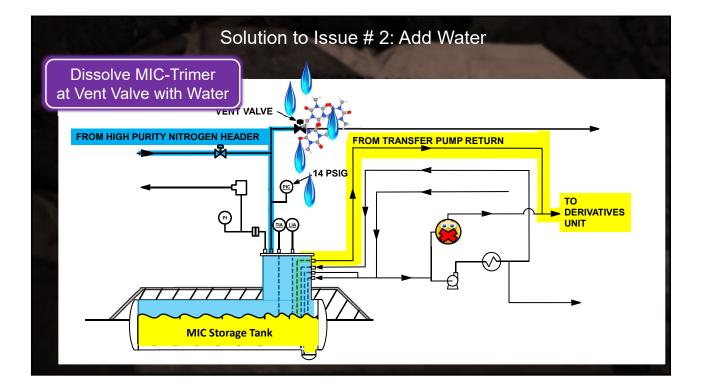


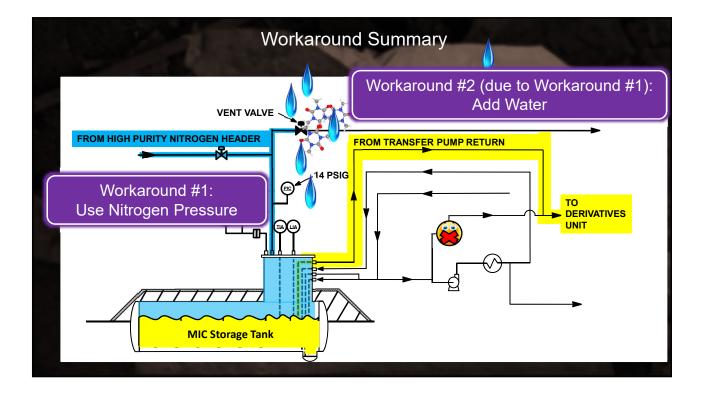


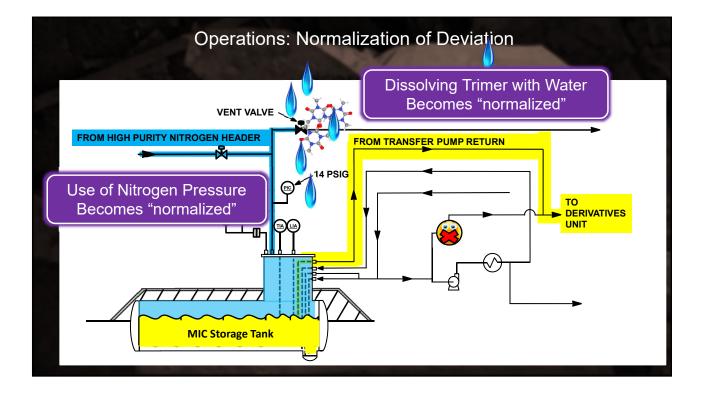


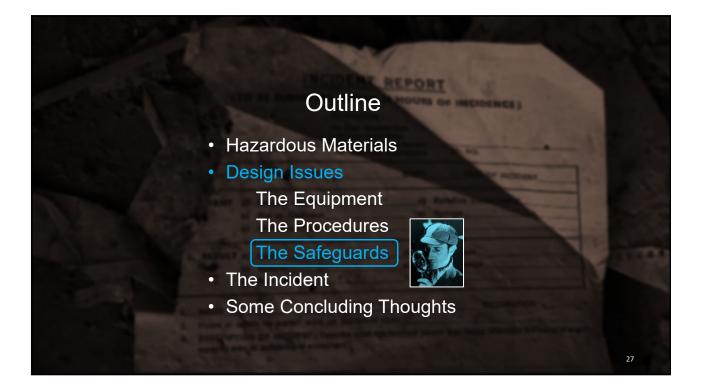


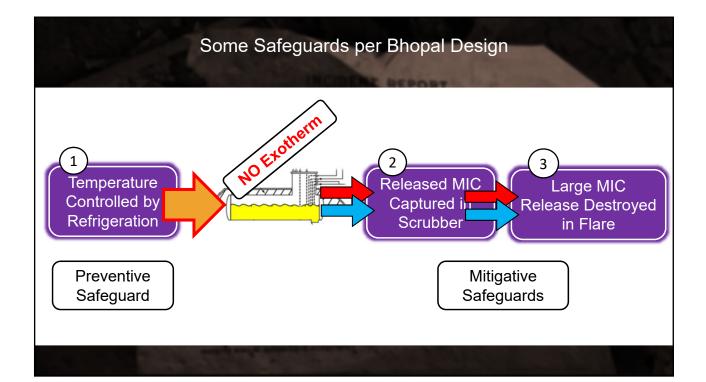


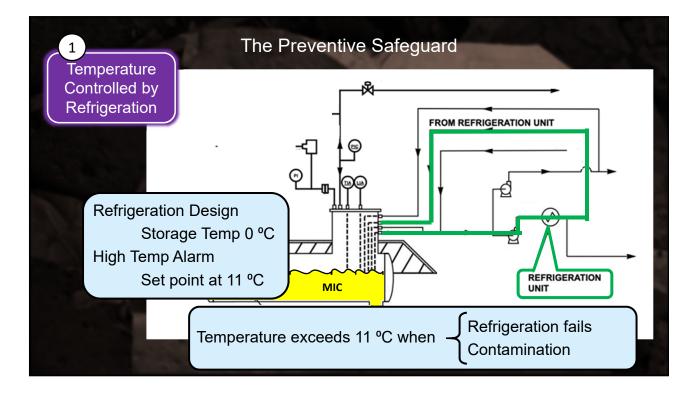


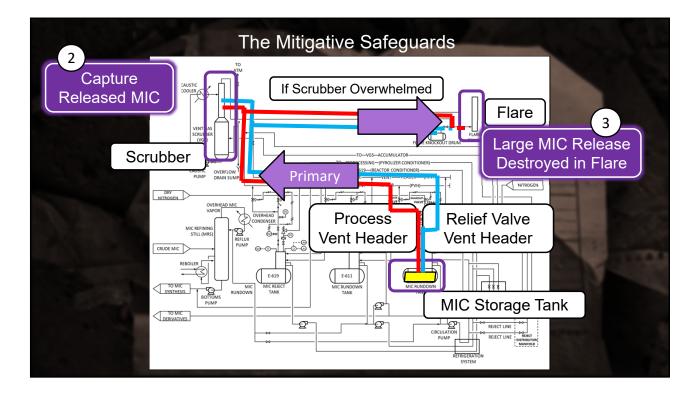


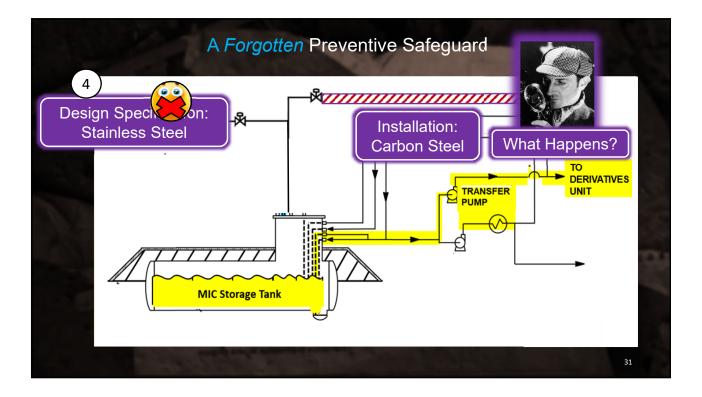


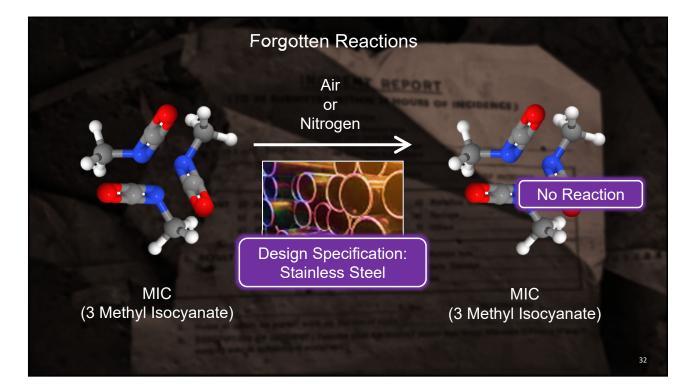


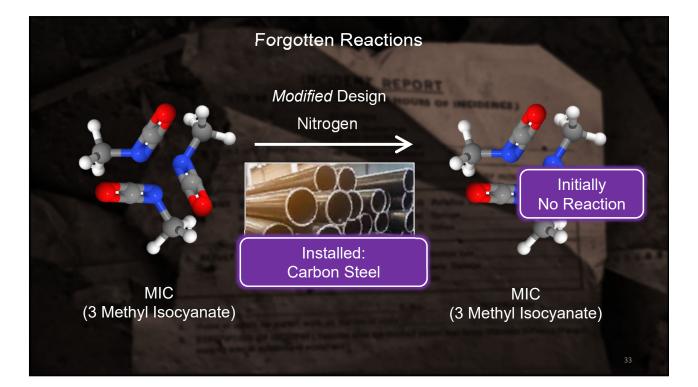


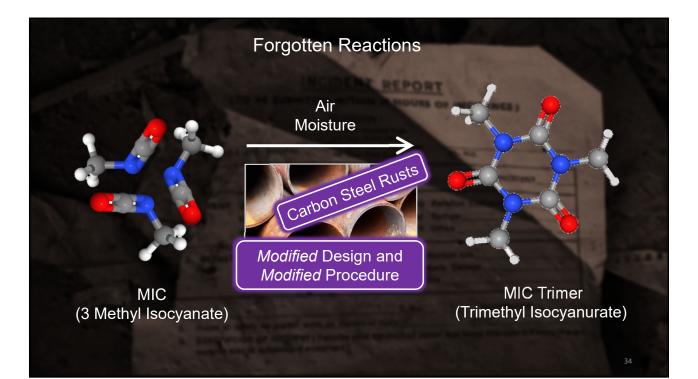


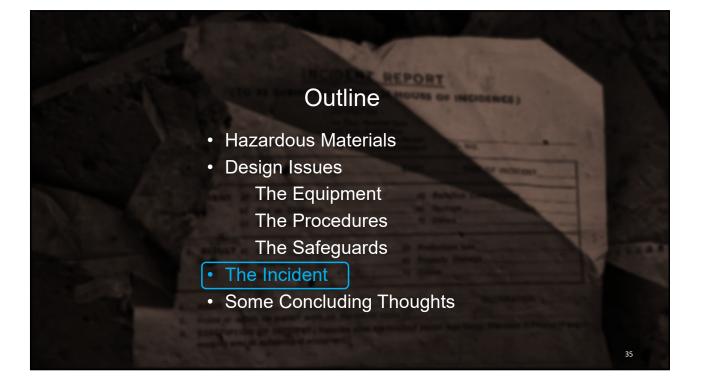




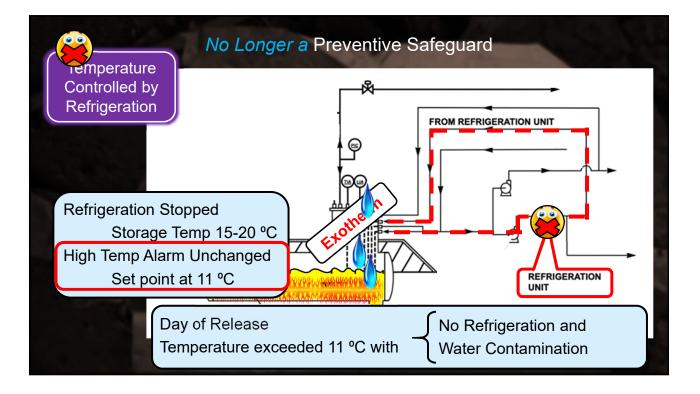


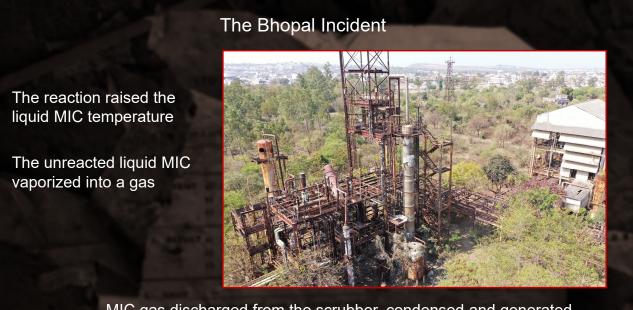






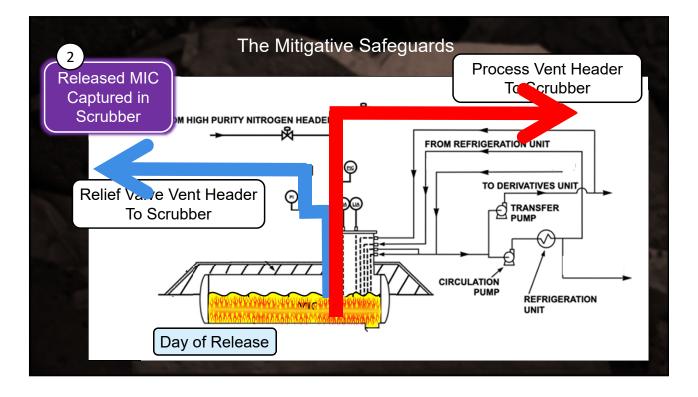


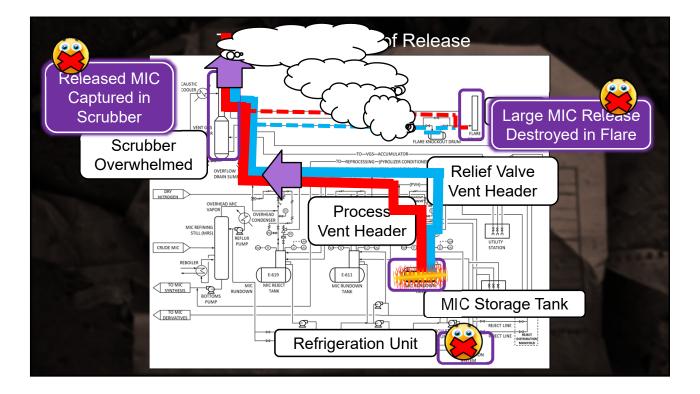


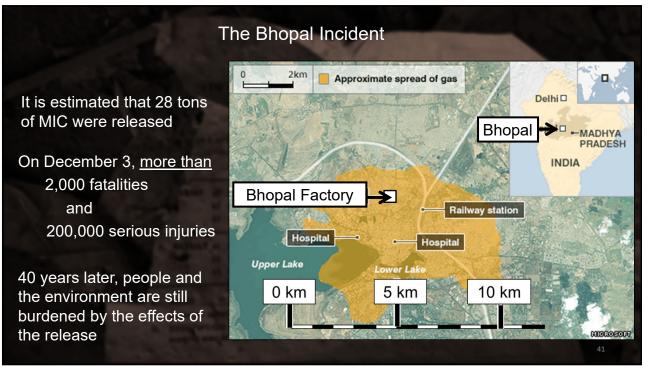


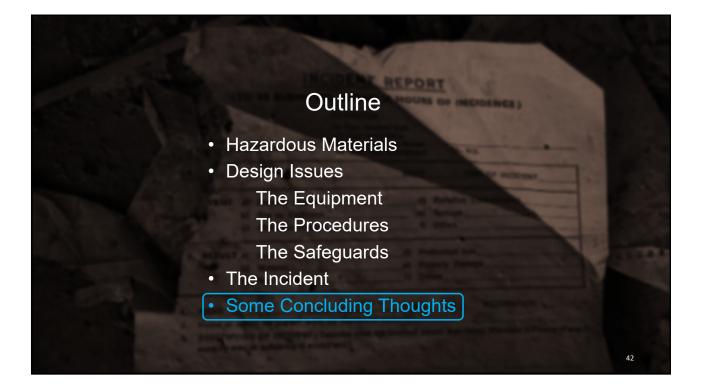
MIC gas discharged from the scrubber, condensed and generated a heavier-than-air fog that drifted into the surrounding community

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