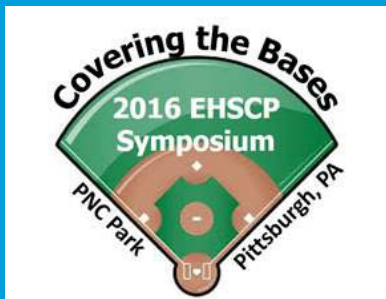


September 13, 2016

What Can Go Wrong, Will Go Wrong CO Case Study

EHSCP Symposium

Pittsburgh, Pennsylvania



CO Case Study EHSCP Symposium

Background

Typical Central Office

Day after The Ohio State University won the 2015 CFP

January 13, 2015

Single Digit Temperatures (snow forecasted)



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What Happened???

Steam leak in vertical shaft (8:43 am est)

Steam cooled/Water puddled

Alarm and Electrical Issues

Ultimately the Central Office failed (6:00 pm est)



EH&S Issues

Tracking Employees
Authorized/Qualified
Fire Department
AST Placement

- SPCC/Permits

FE Training
Fire Watch
De-energizing
Equipment
Flooding

- Asbestos
- Electrical

Sending Employees Outside
Communication

- Lots of string and cans
- Sat Phones
- HF Radio

Slip Trip Fall
Manhole Work
Press
Emergency Management
Food
Fatigue
Air Dryers



CO Case Study EHSCP Symposium



Recovery Issues

Rebuilding the electrical infrastructure

- TRANSFORMERS
- Batteries

Bring in recovery assets (stand-by)

Emergency Responders/Public Officials/Press

- Meetings, meetings and meetings



Monday Morning



We had to act on our own!



