

# PPE Protection Model

OSHA states "evidence suggests that companies that implement effective safety and health programs can expect a return of \$4 - \$6 for every \$1 invested"



The first duty of business is to survive...The guiding principles of any business is not the maximization of profit, it is the "avoidance" of loss.

Non residential fires where "electrical malfunction" is the listed cause cost \$4.67B in direct damages from 2003-2013



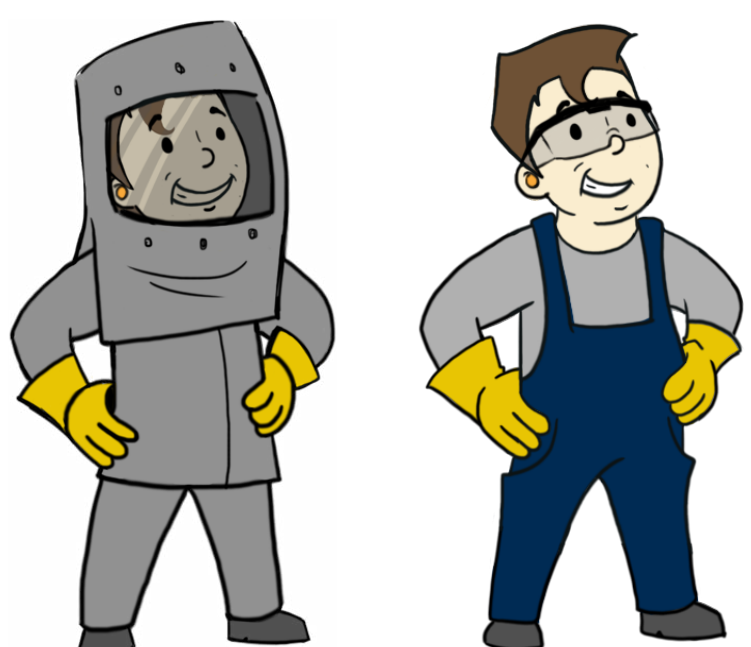
Power disruption costs US businesses \$80 billion/year



## Hierarchy of Control:

### Controlling Risk

Eliminate Hazards, Reduce the Risk by Design, Apply Safeguards, Implement Administrative Controls, Use Proper PPE



PEOPLE


PROFITS

EQUIPMENT

## Electrical Panel Removal Man-Hours

**Before IRISS**


2 x Electricians  
1 x RCM Engineer



Time for Live Inspection  
1 hour, 30 minutes

**After IRISS**

1 x IR Inspector



Time for Live Inspection  
10 minutes

