

Paris Session 2022



Psychological pressure in simulatorbased Intercompany training

C2 PS1 Q1.2

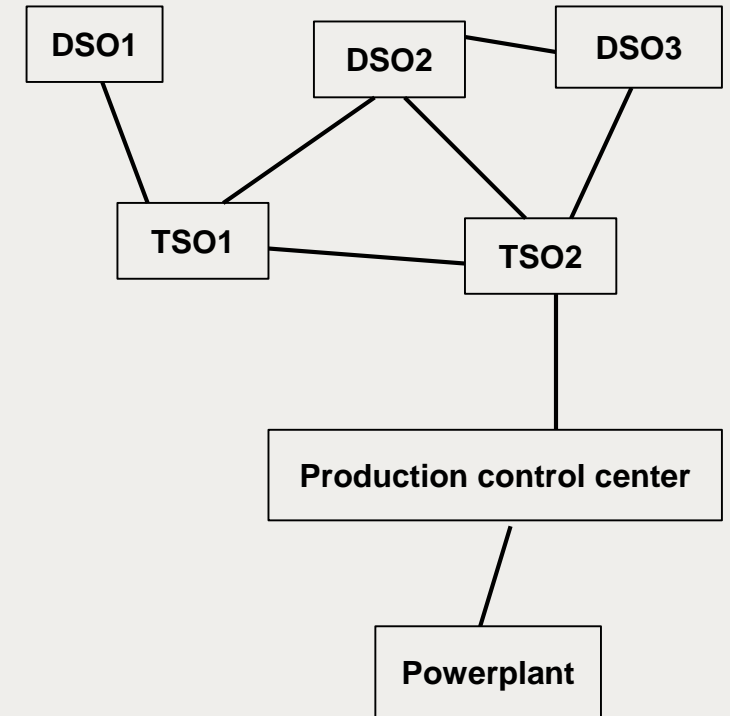
Jürgen Kreienkamp, Germany

DUtrain

Some factors of psychological pressure in Intercompany training courses / stressors

(lessons learned over the last 25 years of operator training)

- Handling of abnormal situations
- 'Observed' by
 - shift colleagues
 - the company supervisor
 - the trainer / instructor
 - participants from other companies
- Procedures may not fit on the training scenario
- Communication in a foreign language
- Coordination of tasks
- Unexpected further disturbances in the scenario
- foreign working environment

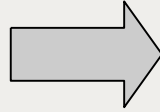


*Fig. 1:
Example of a simulatorbased
Intercompany training*

One way that stress can affect decision making is by limiting the ability to make novel decisions and adapt to change.

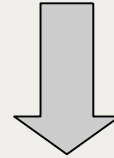
Source:

Paper may 2012, National Library of Medicine;
'Stress-induced changes in human decision-making are reversible'



Some effects of high psychological pressure in simulator-based training

- Increasing the fear of real life disturbances
- Training and learning goals may not be reached due to extreme pressure
- leads to some irrational decision making
- ...



Task of trainer / instructor

Adjust the pressure to a level where the participants are able to reach training goals (#best training effect)