







WHY DID MELTDOWN & SPREAD HAPPEN?

► Accident, malice, incompetence?

► Or just a very advanced and complex system designed to be as fast as possible?

▶ Lessons learned: Complex systems have complex side effects!

...

**MISUNDERSTANDINGS AND NEGLECT  
CREATE MORE CONFUSION IN THIS WORLD  
THAN TRICKERY AND MALICE. AT ANY RATE, THE  
LAST TWO ARE CERTAINLY MUCH LESS  
FREQUENT.**

**Goethe's The Sorrows of Young Werther**



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OUT OF ORDER  
EXECUTION

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**MELTDOWN**