5

Significance Determination Process Training

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Probability Basics

- Success and Failure
 - For any given safety function/system the prob of success + the prob of failure = 1.0
 - Fault Tree (And & Or gate logic to estimate the prob of FAILURE)
- Frequency of Initiating Event(IE)
- Freq of IE * Core Damage Prob (CDP) = Core Damage Freq (CDF)
 - Event Tree (Tree branch logic to estimate the CDP and CDF) (Up branch = success & Down branch = failure)

Phase 2 Notebooks

- Specific to the given plant
- Table 1 Initiating Event Frequency
- Table 2 System Dependency
- Tables 3.X Individual Initiating Event SDP worksheets
- Event Trees