



Option 1: mobile diesel-driven pump + 0.4 kV 'small' mobile diesel generator



Option 2: 6.3 kV 'big' mobile diesel generator

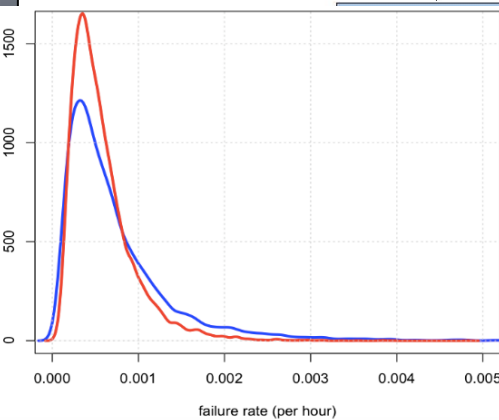
SAPHIRE PSA model for generic VVER-1000 developed by SSTC NRS

14 event trees

168 fault trees

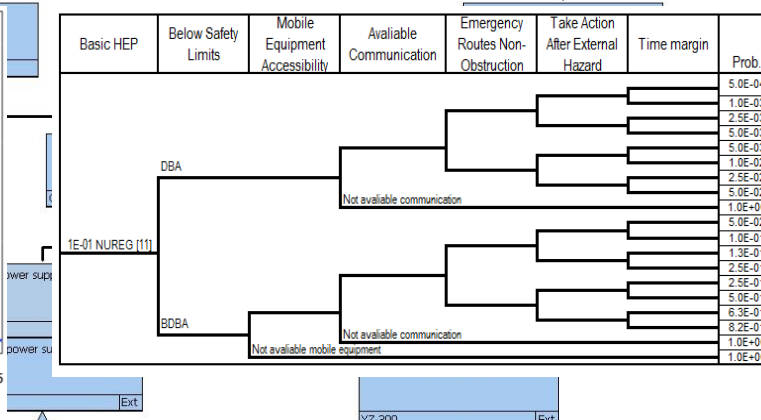
581 basic events

Parameter uncertainty



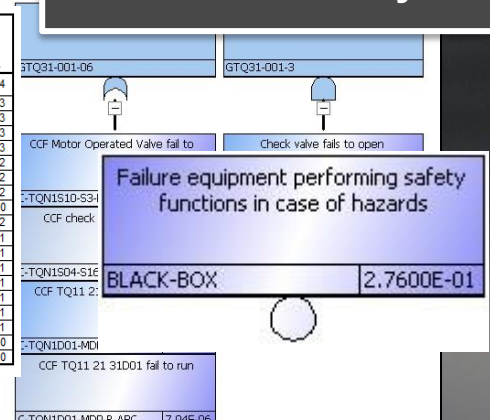
Bayesian assessment of reliability data of mobile equipment

Model uncertainty



Human error probability (HEP) associated with the deployment of portable equipment

Completeness uncertainty



Tabular basic events 'black box'

