

Monte Carlo Simulation

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Tree : Test_ups.fta
Time : Mon Apr 16 23:02:12 2018

Note: Only runs with at least one component failure are simulated

Number of primary events = 35
Number of tests = 1000000000
Unit Time span used = 1.000000

Number of system failures = 21

Probability of at least one component failure = 6.132893E-003 (exact)

Probability of top event = 1.287908E-010 (+/- 2.810445E-011)

Rank	Failure mode Importance	Failures	Estimated Probability
1	Auto_sw_sub1 UPS_sub1	21	1.287908E-010 (+/- 2.810445E-011) 100.00%

Compressed:

Rank	Failure mode Importance	Failures	Estimated Probability
1	Auto_sw_sub1 UPS_sub1	21	1.287908E-010 (+/- 2.810445E-011) 100.00%

Primary Event Analysis:

Event	Failure contrib.	Importance
1_RH1istic	0.000000E+000	0.00%
1_RH2istic	0.000000E+000	0.00%
2_RH1istic	0.000000E+000	0.00%
2_RH2istic	0.000000E+000	0.00%
3_RH1istic	0.000000E+000	0.00%
3_RH2istic	0.000000E+000	0.00%
4_RH1istic	0.000000E+000	0.00%
4_RH2istic	0.000000E+000	0.00%
5_RH1istic	0.000000E+000	0.00%
5_RH2istic	0.000000E+000	0.00%
Auto_sw_RH1	0.000000E+000	0.00%
Auto_sw_RH2	0.000000E+000	0.00%
Auto_sw_sub1	1.287908E-010	100.00%
CB_Bypass	0.000000E+000	0.00%
CB_Q2_Fail_cl	0.000000E+000	0.00%
CB_QA_Fail_op	0.000000E+000	0.00%
CB_QB_Fail_cl	0.000000E+000	0.00%
CB_TieBre_NN	0.000000E+000	0.00%
NoEnergyToQA	0.000000E+000	0.00%
NoEnergyToQB	0.000000E+000	0.00%
RH1_CB_Diesel	0.000000E+000	0.00%
RH1_IT_nap	0.000000E+000	0.00%
RH1_IT_prudQ1	0.000000E+000	0.00%
RH1_NN	0.000000E+000	0.00%
RH1_diesel	0.000000E+000	0.00%
RH1hlavnyvyp	0.000000E+000	0.00%
RH1pripojnica	0.000000E+000	0.00%
RH2_CB_Diesel	0.000000E+000	0.00%
RH2_IT_nap	0.000000E+000	0.00%
RH2_IT_prudQ2	0.000000E+000	0.00%
RH2_diesel	0.000000E+000	0.00%
RH2hlavnyvyp	0.000000E+000	0.00%
RH2pripojnica	0.000000E+000	0.00%

RH_QT_Fail_cl	0.000000E+000	0.00%
UPS_sub1	1.287908E-010	100.00%