Monte Carlo Simulation
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Tree : Test_NO_diesel.fta
Time : Tue Apr 17 16:09:10 2018

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

Number of primary events = 29
Number of tests = 1000000000
Unit Time span used = 1.000000

Number of system failures = 70

Probability of at least one component failure = 2.556902E-003 (exact)

Probability of top event = 1.789831E-010 (+/- 2.139257E-011)

Rank	Failure mode	Failures	Estimated Probability	Importance
1	Auto_sw_sub1	47	1.201744E-010 (+/- 1.752923E-011)	67.14%
	UPS_sub1			
2	NoEnergyToQA	12	3.068282E-011 (+/- 8.857367E-012)	17.14%
	NoEnergyToQB			
	UPS_sub1			
3	CB_TieBre_NN	11	2.812592E-011 (+/- 8.480283E-012)	15.71%
	UPS_sub1			

Compressed:

Rank	Failure mode	Failures	Estimated Probability	Importance
1	CB_TieBre_NN UPS_sub1	11	2.812592E-011 (+/- 8.480283E-012)	15.71%
2	Auto_sw_sub1 UPS_sub1	47	1.201744E-010 (+/- 1.752923E-011)	67.14%
3	NoEnergyToQA NoEnergyToQB UPS_sub1	12	3.068282E-011 (+/- 8.857367E-012)	17.14%

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_sub1	1.201744E-010	67.14%
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	2.812592E-011	15.71%
NoEnergyToQA	3.068282E-011	17.14%
NoEnergyToQB	3.068282E-011	17.14%
RH1_IT_nap	0.000000E+000	0.00%

RH1_IT_prudQ1	0.000000E+000	0.00%
RH1_NN	0.000000E+000	0.00%
RH1hlavnyvyp	0.000000E+000	0.00%
RH1pripojnica	0.000000E+000	0.00%
RH2_IT_nap	0.000000E+000	0.00%
RH2_IT_prudQ2	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	1.789831E-010	100.00%