



Logan Fault and Event Tree Analysis Version 7.1.4
Date (dd-mm-yy): 28-05-13 Time: 17.41.36
Fault Tree File: Z:\Documenti\70000\70942 PROGER Fiume Treste NOF PmagPi\Guasto\TOP-3
Cutset Order: 6 Evaluation Method: Upper limit
Proof Tests: Simultaneous

FIGURE . FAULT TREE FOR SOVRAPPRESSIONE IN COLONNA DI DISID. 0310-VA-07/08

CUTSET LISTING

Logan Fault and Event Tree Analysis Version 7.1.4

Date(dd-mm-yy): 28-05-13 Time: 17.21.06

Fault Tree File: Z:\Documenti\70000\70942 PROGER Fiume Treste NOF PmagPi\Guasto\TOP-3

Top Event: **TOP3 Freq: 1,88E-08 Prob: 1,55E-10**

Set No	Basic Events					Freq	Probability
1	TDC-001A	FAH-001B	PT-005	PSV-001		3,08E-09	2,11E-11
2	TDC-001A	FAH-001B	PT-007	PSV-001		3,08E-09	2,11E-11
3	FT-001A	FAH-001B	PT-007	PSV-001		1,47E-09	1,01E-11
4	FT-001A	FAH-001B	PT-005	PSV-001		1,47E-09	1,01E-11
5	MIOA	SDV-001	PSV-001	TDC-001		1,39E-09	1,82E-11
6	TDC-001A	MIOA	SDV-001	PSV-001		1,39E-09	1,82E-11
7	MIOA	DCS-015	PSV-001	TDC-001		7,10E-10	4,93E-12
8	TDC-001A	MIOA	DCS-015	PSV-001		7,10E-10	4,93E-12
9	FT-001A	MIOA	SDV-001	PSV-001		6,66E-10	8,71E-12
10	MIOA	SDV-001	PSV-001	PT-001		5,45E-10	7,12E-12
11	FT-001A	MIOA	DCS-015	PSV-001		3,40E-10	2,36E-12
12	MIOA	DCS-015	PSV-001	PT-001		2,78E-10	1,93E-12
13	TDC-001A	MIOA	PT-005	PSV-001		2,78E-10	1,93E-12
14	TDC-001A	MIOA	PT-007	PSV-001		2,78E-10	1,93E-12
15	MIOA	PT-005	PSV-001	TDC-001		2,78E-10	1,93E-12
16	MIOA	PT-007	PSV-001	TDC-001		2,78E-10	1,93E-12
17	TDC-001A	PT-005	PSV-001	TDC-001B		2,68E-10	1,24E-12
18	TDC-001A	PT-007	PSV-001	TDC-001B		2,68E-10	1,24E-12
19	MIOA	SDV-001	PSV-001	GAFV-001		2,03E-10	2,65E-12
20	FT-001A	MIOA	PT-007	PSV-001		1,33E-10	9,23E-13
21	FT-001A	MIOA	PT-005	PSV-001		1,33E-10	9,23E-13
22	FT-001A	PT-005	PSV-001	TDC-001B		1,28E-10	5,94E-13
23	FT-001A	PT-007	PSV-001	TDC-001B		1,28E-10	5,94E-13
24	TDC-001A	PT-005	PSV-001	FT-001B		1,28E-10	5,94E-13
25	TDC-001A	PT-007	PSV-001	FT-001B		1,28E-10	5,94E-13
26	MIOA	PT-005	PSV-001	PT-001		1,09E-10	7,56E-13
27	MIOA	PT-007	PSV-001	PT-001		1,09E-10	7,56E-13
28	MIOA	DCS-015	PSV-001	GAFV-001		1,03E-10	7,19E-13
29	GCFV-001	MIOA	SDV-001	PSV-001		9,98E-11	1,31E-12
30	TDC-001A	FAH-001B	PAH-015	SDV-001	PSV-001	7,97E-11	1,32E-12