



Logan Fault and Event Tree Analysis Version 7.1.4

Date (dd-mm-yy):18-06-13 Time: 15.49.10

Fault Tree File: Z:\Documenti\70000\70977 APS Alfonsine RDSP\Guasto\Fase 1\TOP7\70977-Fase1-TOP7

Cutset Order: 6 Evaluation Method: Upper limit

Proof Tests: Simultaneous

FIGURE . FAULT TREE FOR SOVRAPPRESSIONE COLONNA DISIDRATAZIONE

Logan Fault and Event Tree Analysis Version 7.1.4

Date(dd-mm-yy): 18-06-13 Time: 15.49.27

Fault Tree File: Z:\Documenti\70000\70977 APS Alfonsine RDSP\Guasto\Fase 1\TOP7\70977-Fase1-TOP7

Top Event: **F1-TOP7** **Freq: 6,49E-06** **Prob: 7,79E-08**

Set No	Basic Events				Freq	Probability
1	PAH-***	PSV-***A	FT-***		1,36E-06	1,83E-08
2	PSV-***A	FT-***	PT-***		1,33E-07	9,23E-10
3	MIOA	PSV-***A	FT-***		2,66E-07	3,67E-09
4	PAH-***	PSV-***A	TDC-***		2,84E-06	3,82E-08
5	PSV-***A	TDC-***	TDC-***2		7,10E-07	4,93E-09
6	PSV-***A	TDC-***	PT-***		2,78E-07	1,93E-09
7	MIOA	PSV-***A	TDC-***		5,55E-07	7,66E-09
8	PSV-***A	FT-***	TDC-***2		3,40E-07	2,36E-09
9	PSV-***A	PT-***	GAFV***1	GAFV***2	5,68E-12	2,64E-14
10	MIOA	PSV-***A	GAFV***1	GAFV***2	1,51E-11	1,05E-13
11	PAH-***	PSV-***A	GAFV***1	GAFV***2	7,61E-11	5,22E-13
12	PSV-***A	TDC-***2	GAFV***1	GAFV***2	1,45E-11	6,74E-14