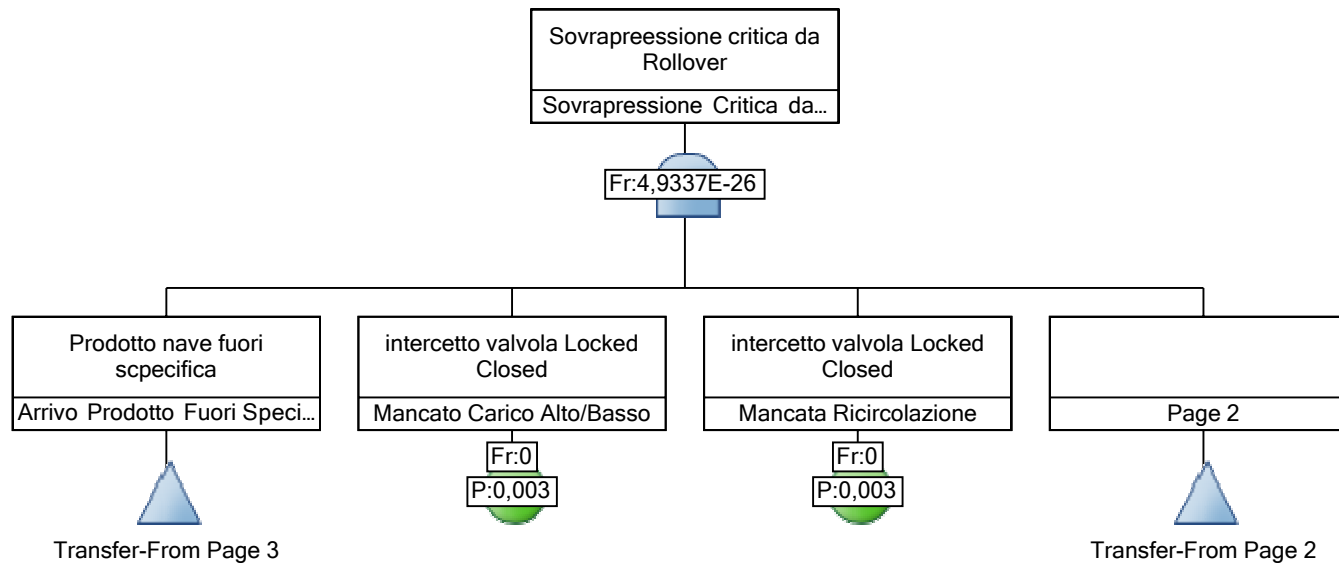
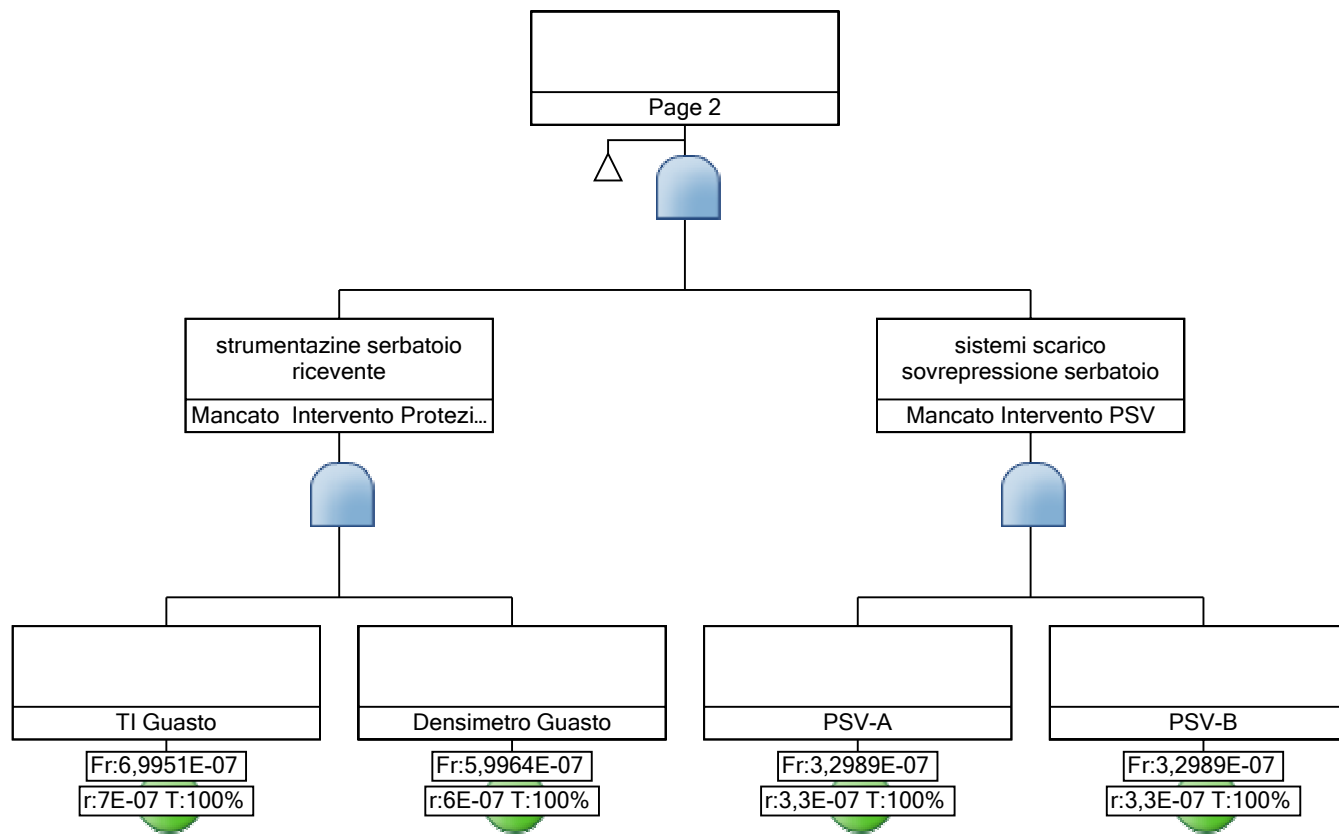


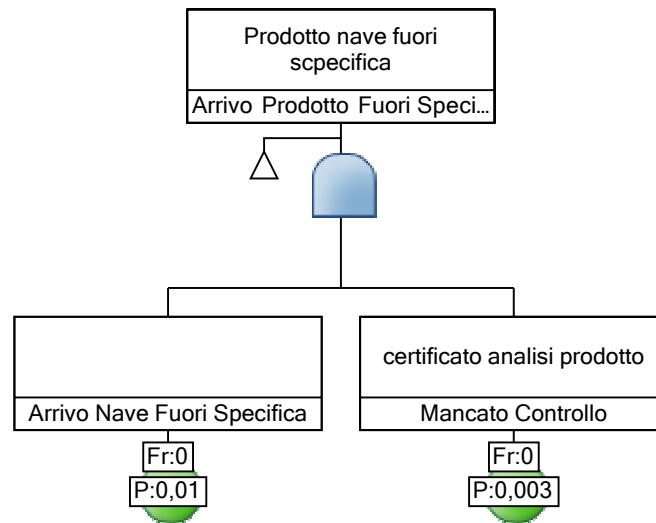
FT: Sovrappressione Critica da Roll Over





FT: Sovrapressione Critica da Roll Over

Transfer-To Page: 1



FT: Sovrapressione Critica da Roll Over

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Fault Tree Calculation Results

Gate Name:	Sovrapressione Critica da Roll Over	Printed on:	Mon, 22 Jun 2020 10:15
Calculation Method:	Decomposition	Calculated on:	Mon, 22 Jun 2020 10:12
File Name:	Sovrapressione Critica da Roll Over_LNG Crotone.dpr	Fault Tree Name:	Sovrapressione Critica da Roll Over
Results at Time:	1000		
Unreliability:	1.2337E-23		
Unavailability:	1.2337E-23		
Frequency:	4.9337E-26		
Number of Failures:	1.2349E-23		

Reliability Importance Measures Report

Gate Name: Mancato Intervento
Protezioni

Printed on: Mon, 22 Jun 2020 10:16

Calculated on: Mon, 22 Jun 2020 10:12

File Name: Sovrapressione Critica da
Roll Over_LNG Crotone.dpr

Fault Tree Name: Sovrapressione Critica da
Roll Over

Event Name	Birnbaum	Criticality	Fussel Vesely	Risk Achievement Worth	Risk Reduction Worth
TI Guasto	0.00059982	1	1	1429.1	Infinity
Densimetro Guasto	0.00069976	1	1	1667.2	Infinity

Reliability Importance Measures Report

Gate Name: Sovrapressione Critica da Roll Over Printed on: Mon, 22 Jun 2020 10:15
 Calculated on: Mon, 22 Jun 2020 10:12
 File Name: Sovrapressione Critica da Roll Over_LNG Crotone.dpr Fault Tree Name: Sovrapressione Critica da Roll Over

Event Name	Birnbaum	Criticality	Fussel Vesely	Risk Achievement Worth	Risk Reduction Worth
Arrivo Nave Fuori Specifica	1.2337E-21	1	1	100	Infinity
Mancato Controllo	4.1124E-21	1	1	333.33	Infinity
Mancato Carico Alto/Basso	4.1124E-21	1	1	333.33	Infinity
Mancata Ricircolazione	4.1124E-21	1	1	333.33	Infinity
TI Guasto	1.7631E-20	1	1	1429.1	Infinity
Densimetro Guasto	2.0568E-20	1	1	1667.2	Infinity
PSV-A	3.7392E-20	1	1	3030.8	Infinity
PSV-B	3.7392E-20	1	1	3030.8	Infinity

List of Events

File Name: Sovrapressione Critica da Roll
Over_LNG Crotone.dpr

Fault Tree Name: Sovrapressione Critica da Roll
Over

Printed on: Mon, 22 Jun 2020 10:13

Name	Comment	Type	Input Value	Input Value2	Dormancy Factor
Sovrapressione Critica da Roll Over	Sovrapressione critica da Rollover	AND Gate			
Mancata Ricircolazione	intercetto valvola Locked Closed	Basic Event	P:0,003		1
Mancato Carico Alto/Basso	intercetto valvola Locked Closed	Basic Event	P:0,003		1
Mancato Intervento Protezioni	strumentazine serbatoio ricevente	AND Gate			
Mancato Intervento PSV	sistemi scarico sovrappressione serbatoio	AND Gate			
PSV-A		Basic Event	r:3,3E-07		1
PSV-B		Basic Event	r:3,3E-07		1
TI Guasto		Basic Event	r:7E-07		1
Densimetro Guasto		Basic Event	r:6E-07		1
Arrivo Prodotto Fuori Specifica	Prodotto nave fuori specifica	AND Gate			
Arrivo Nave Fuori Specifica		Basic Event	P:0,01		1
Mancato Controllo	certificato analisi prodotto	Basic Event	P:0,003		1

Cut Set Report

Gate Name: <Mancato Intervento Protezioni> Printed on: Mon, 22 Jun 2020 10:14
Calculated on: Mon, 22 Jun 2020 10:12
File Name: Sovrapressione Critica da Roll Over_LNG Crotone.dpr Fault Tree Name: Sovrapressione Critica da Roll Over

Cut Set #	Events	Frequency
1	TI Guasto Densimetro Guasto	8.3918E-10

Cut Set Report

Gate Name: <Mancato Intervento PSV> Printed on: Mon, 22 Jun 2020 10:15
Calculated on: Mon, 22 Jun 2020 10:12
File Name: Sovrapressione Critica da Roll Over_LNG Crotone.dpr Fault Tree Name: Sovrapressione Critica da Roll Over

Cut Set #	Events	Frequency
1	PSV-A PSV-B	2.1769E-10

Cut Set Report

Gate Name: <Arrivo Prodotto Fuori Specifica> Printed on: Mon, 22 Jun 2020 10:14
Calculated on: Mon, 22 Jun 2020 10:12
File Name: Sovrapressione Critica da Roll Over_LNG Crotone.dpr Fault Tree Name: Sovrapressione Critica da Roll Over

Cut Set #	Events	Frequency
1	Arrivo Nave Fuori Specifica Mancato Controllo	0

Cut Set Report

Gate Name: Sovrapressione Critica da Roll Over Printed on: Mon, 22 Jun 2020 10:13
File Name: Sovrapressione Critica da Roll Over_LNG Crotone.dpr Calculated on: Mon, 22 Jun 2020 10:12
Fault Tree Name: Sovrapressione Critica da Roll Over

Cut Set #	Events	Frequency
1	Arrivo Nave Fuori Specifica Mancato Controllo Mancato Carico Alto/Basso Mancata Ricircolazione TI Guasto Densimetro Guasto PSV-A PSV-B	4.9337E-26