

Fire PRA Cutset Analysis Exercise

Type of Quantification: Failed Events are Set to TRUE

Fire Scenario: 2-TB-72-154A-Cmpt-10

Cutset # 1

Cutset Prob. 7.00E-04

BE Prob	BE ID	Description
1.00E+00	FLAGNOGST	NO CONDENSATE AVAILABLE TO AFW FLAG
1.00E+00	INIT-FIRE	FIRE INITIATING EVENT
7.00E-04	L-XV230----P	MANUAL VLV 230 FT OPEN ON DEMAND
1.00E+00	NOATWS	DUMMY EVENT FOR NON-ATWS CONDITION
1.00E+00	NO-INITLIA	DUMMY EVENT FOR NO LIA EVENTS
1.00E+00	XHOS-2TB72154A	

Basic Events Set to TRUE or 1.0

Event	Probability	Description
2-TB-72-154A-CMPT-10	2.11E-02	Whole compartment burn.Entire compartment lost in screening. - Initiator
B-PPSYSLK1DD	1.24E-04	IA SYSTEM PIPING LEAK / RUPTURE
FLAGNOGST	1.00E+00	NO CONDENSATE AVAILABLE TO AFW FLAG

INIT-FIRE	1.00E+00	FIRE INITIATING EVENT
INIT-FIRE-T		
L-XV230----P	7.00E-04	MANUAL VLV 230 FT OPEN ON DEMAND
NO-INITLIA	1.00E+00	DUMMY EVENT FOR NO LIA EVENTS
NOATWS	1.00E+00	DUMMY EVENT FOR NON-ATWS CONDITION
XHOS-2TB72154A	1.00E+00	
XHOS-2TB72154A-T		

Cutset Analysis (Complete table below for exercise)

Scenario	Sequence	Initiating Event Impact	Mitigation System Impact	Proposed Recovery	Proposed Modification
2-TB-72-154A-Cmpt-10					



























