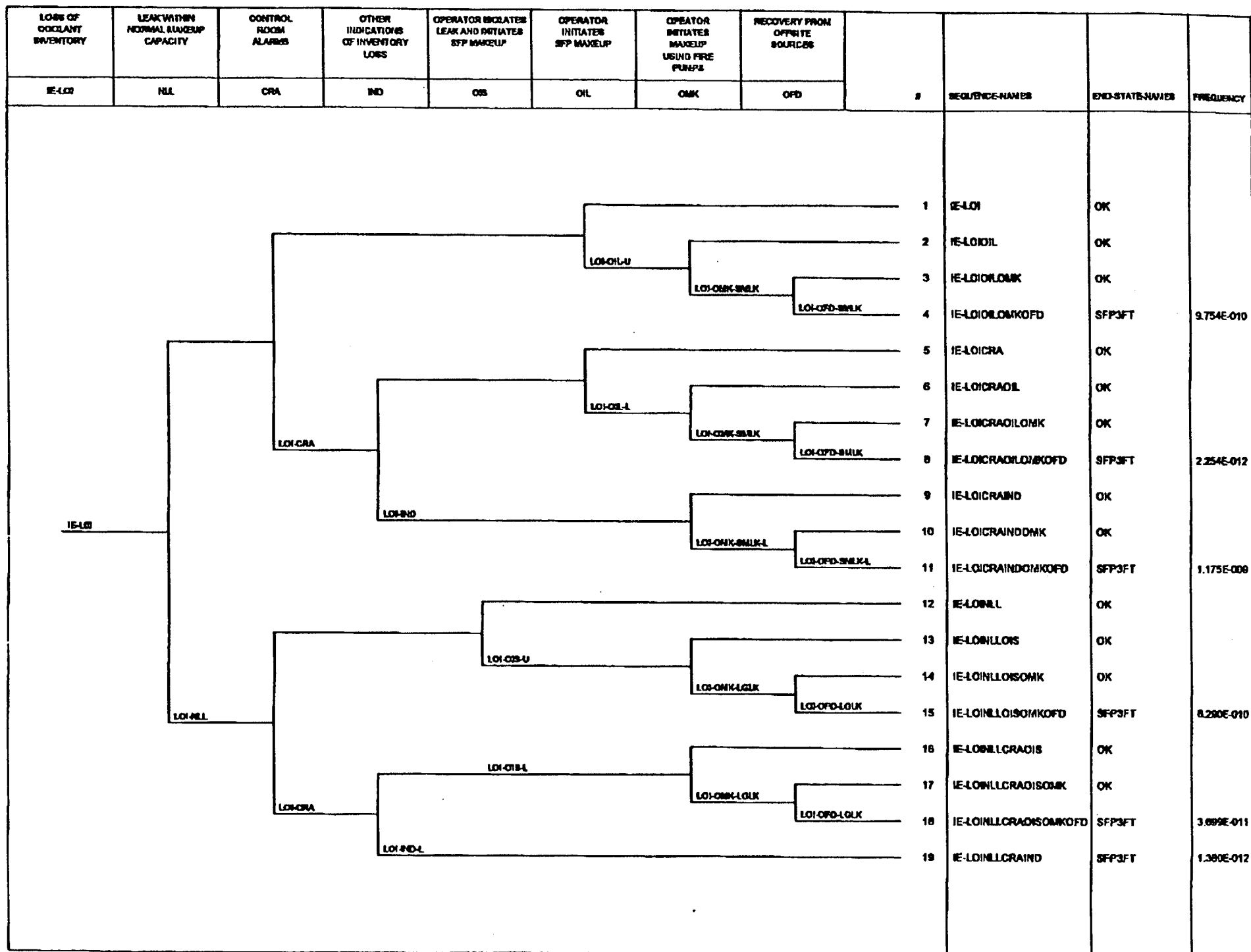
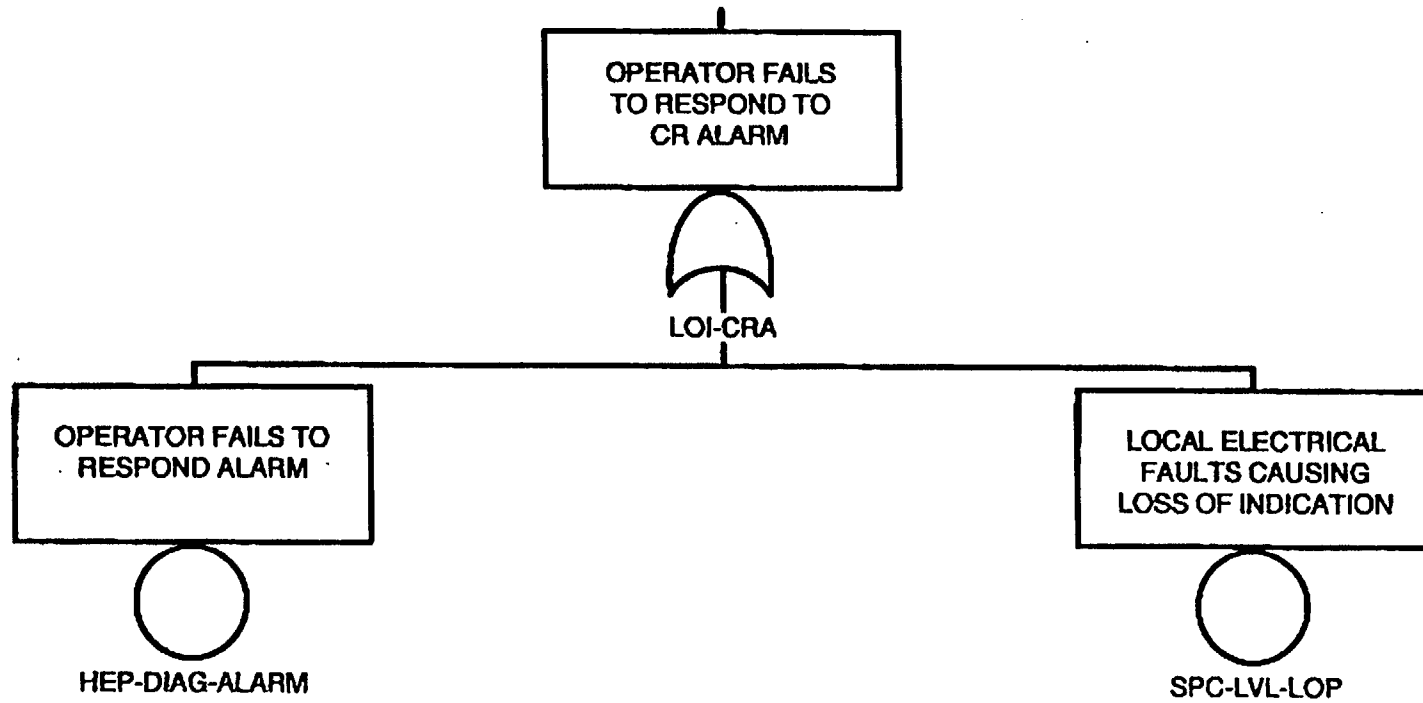
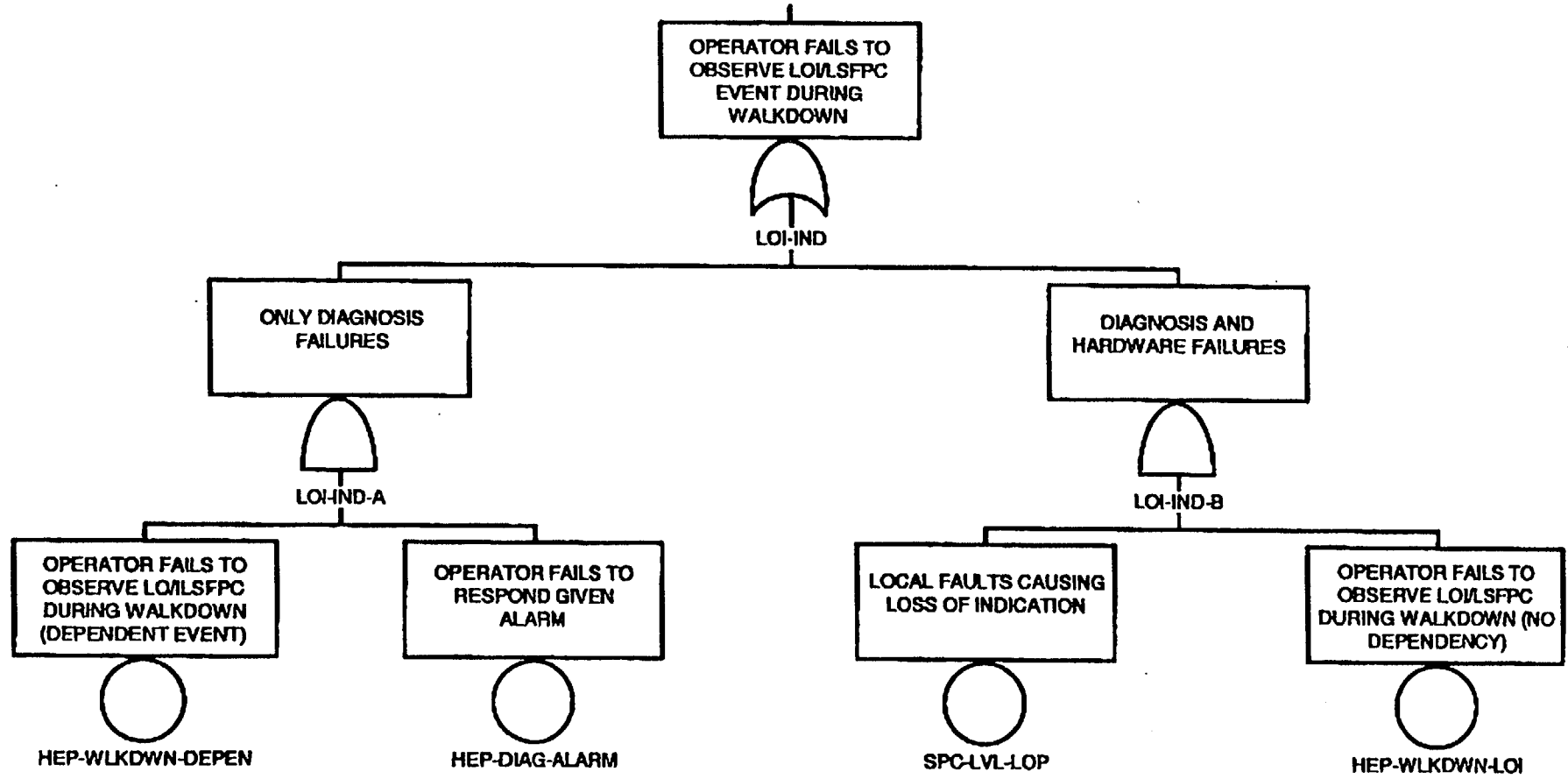


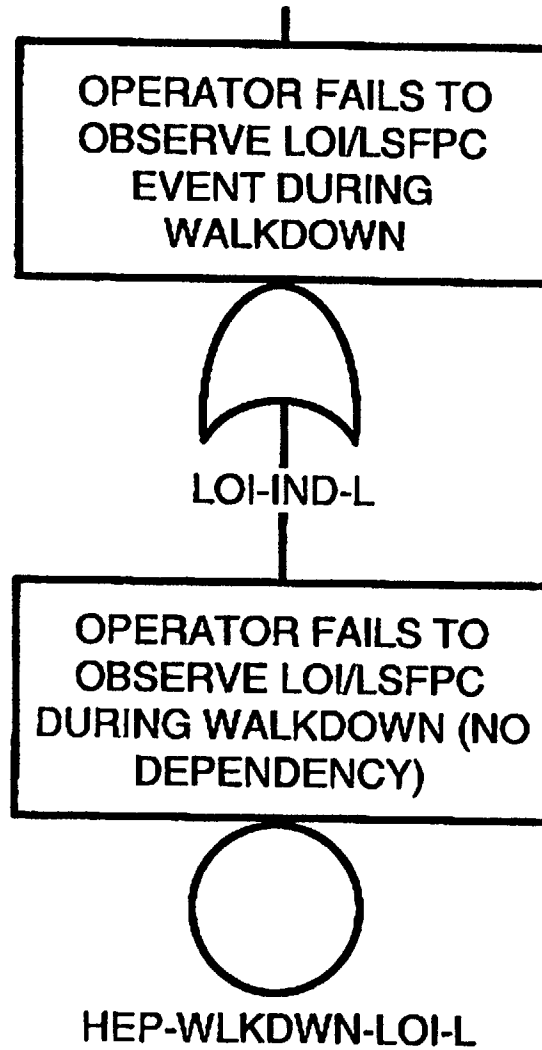


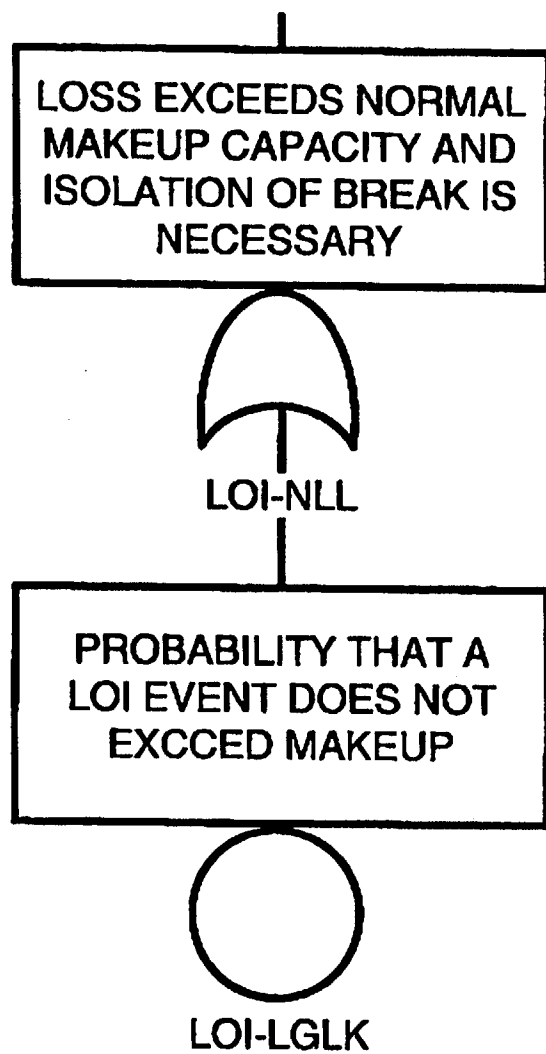
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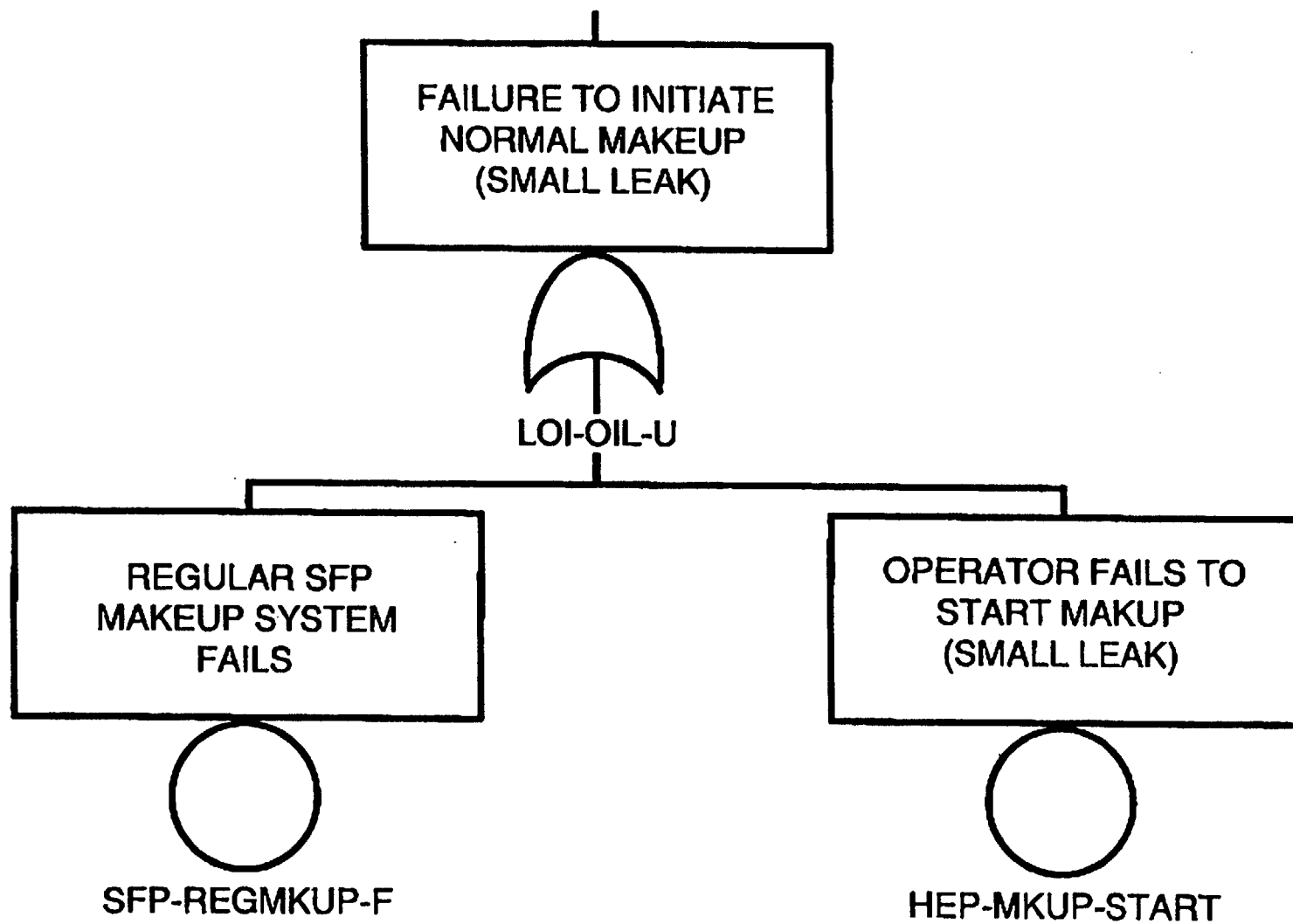


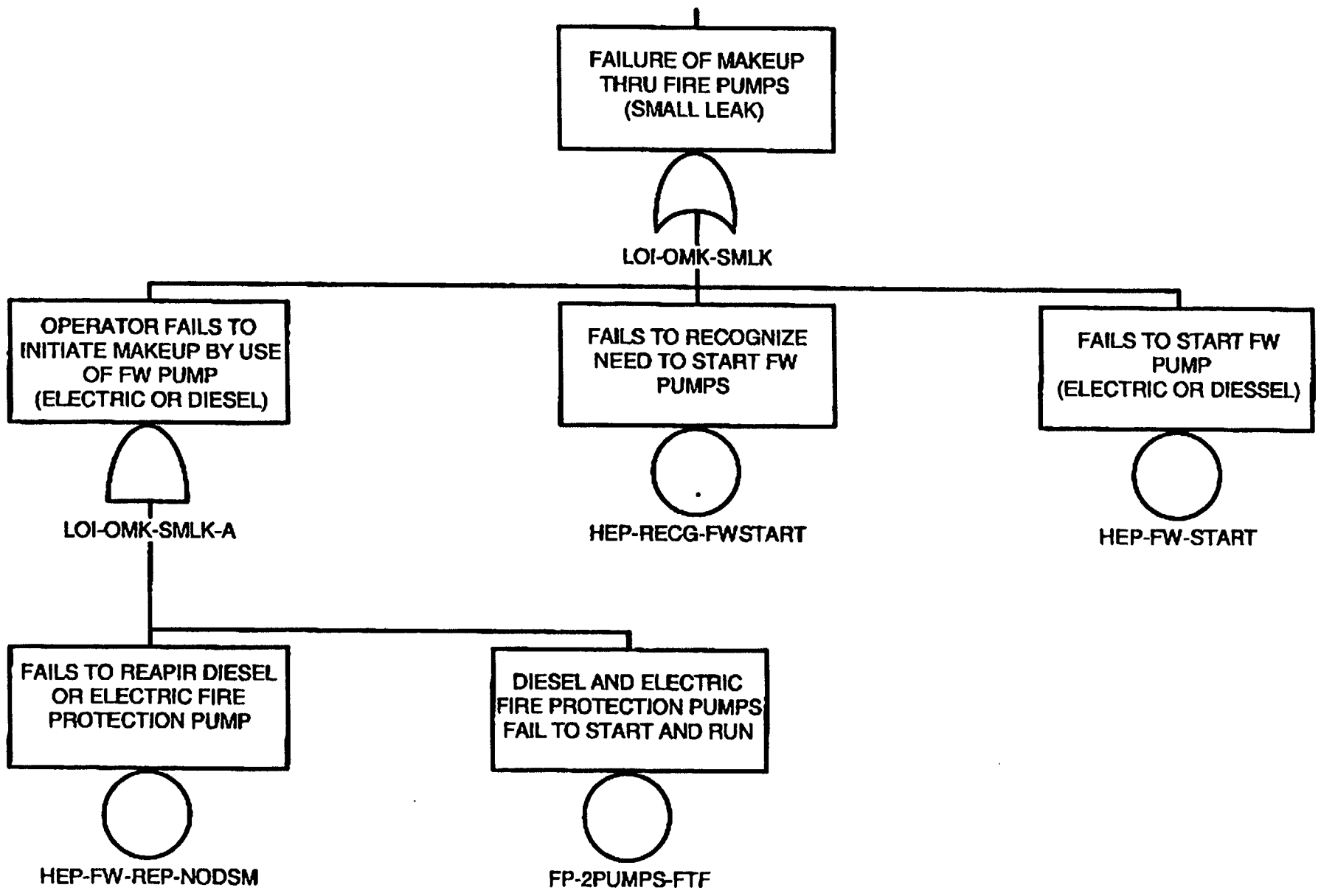


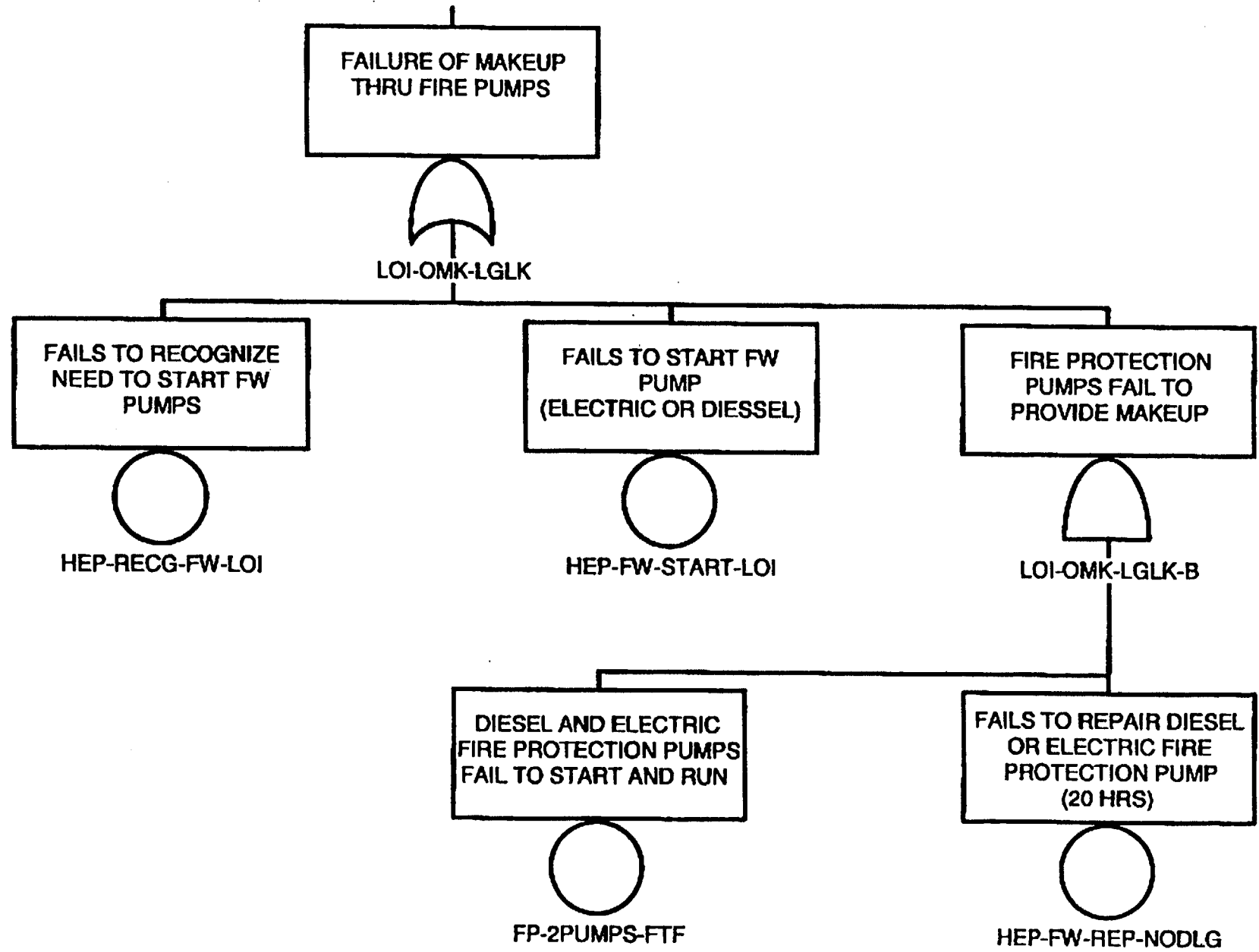


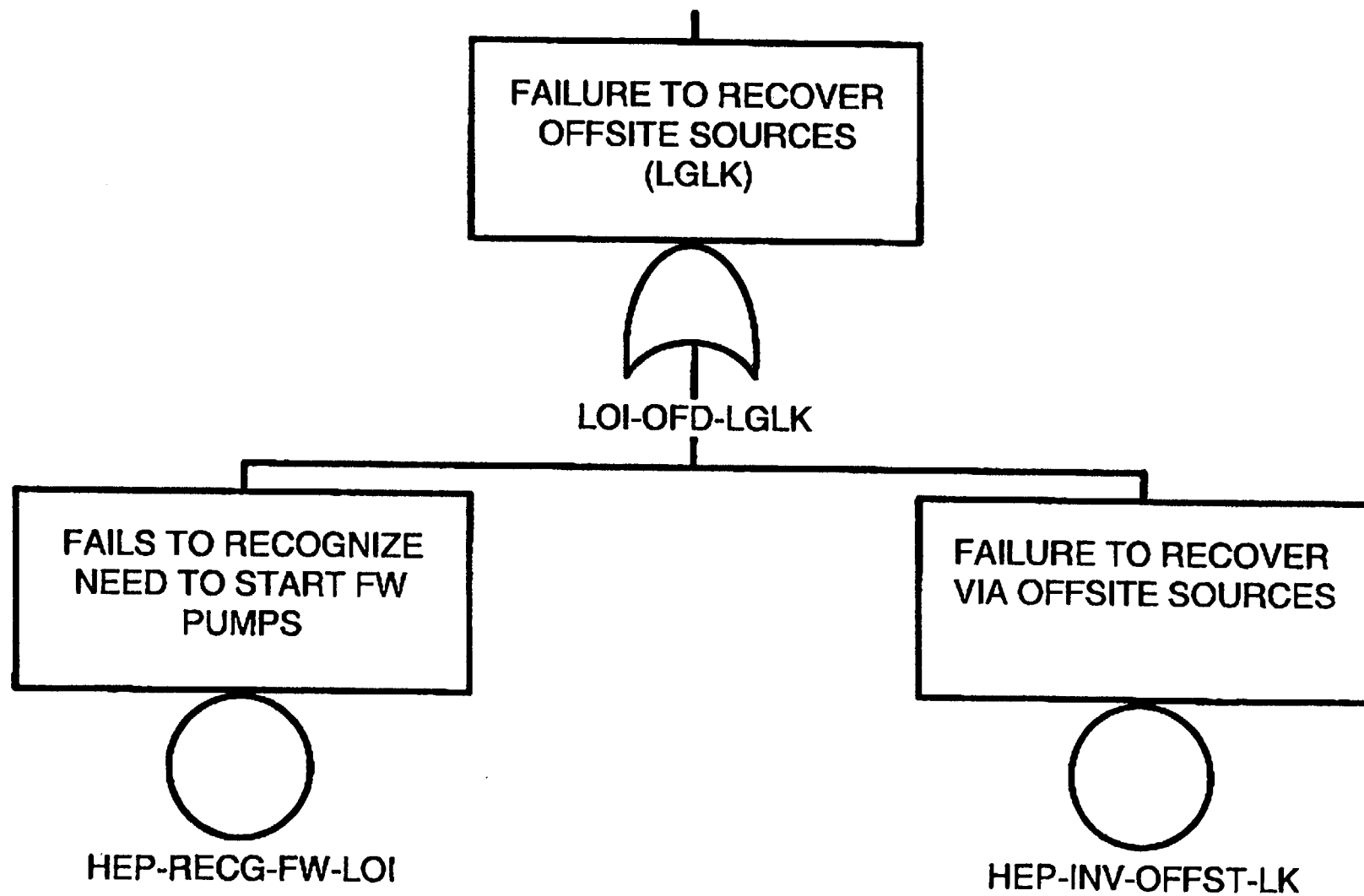


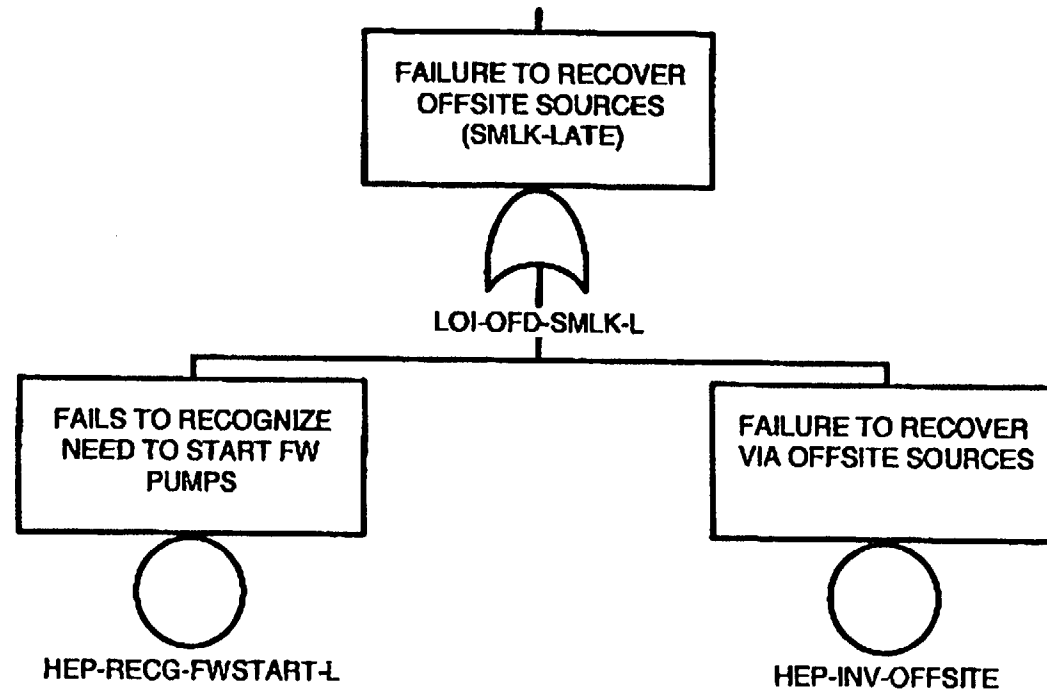


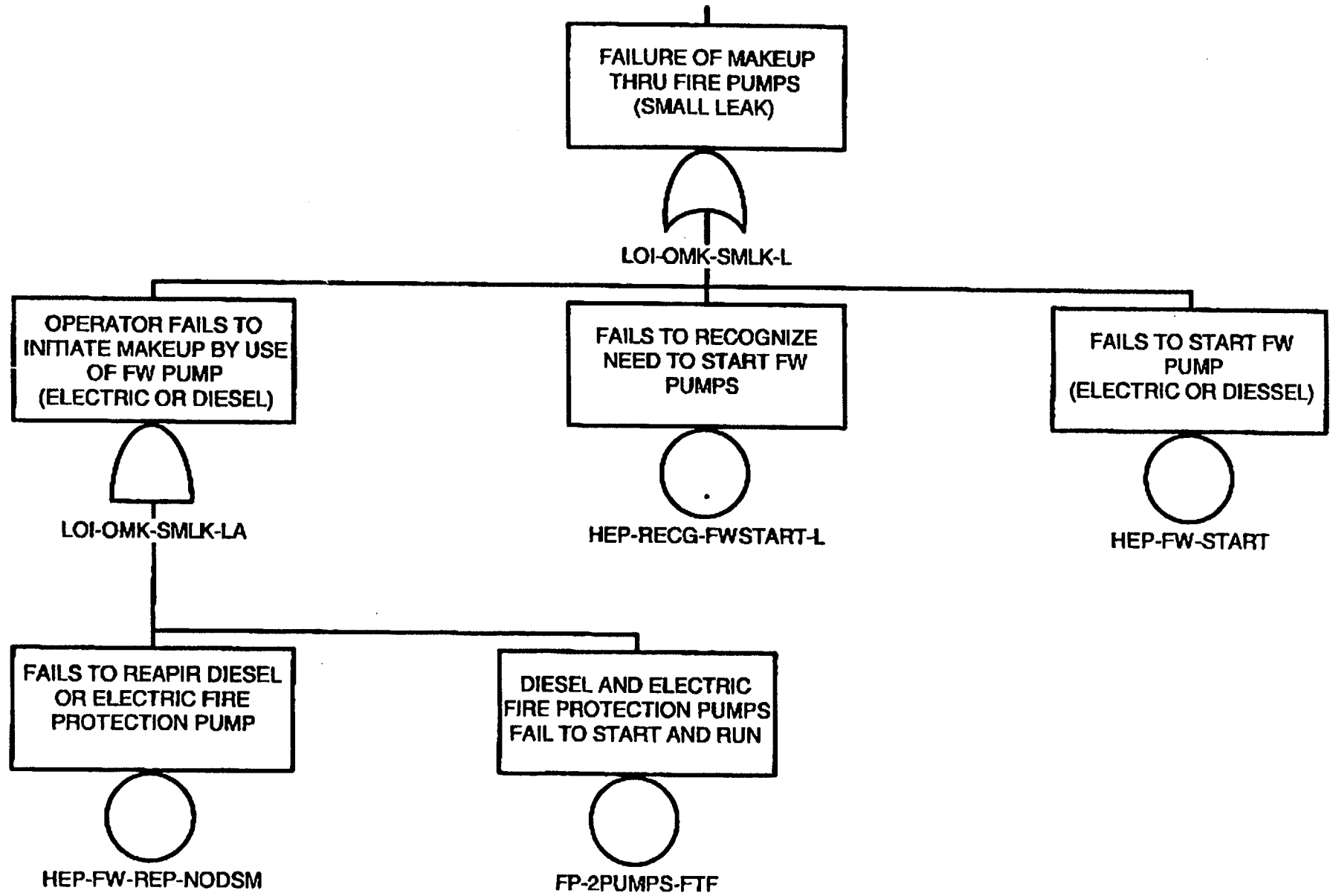


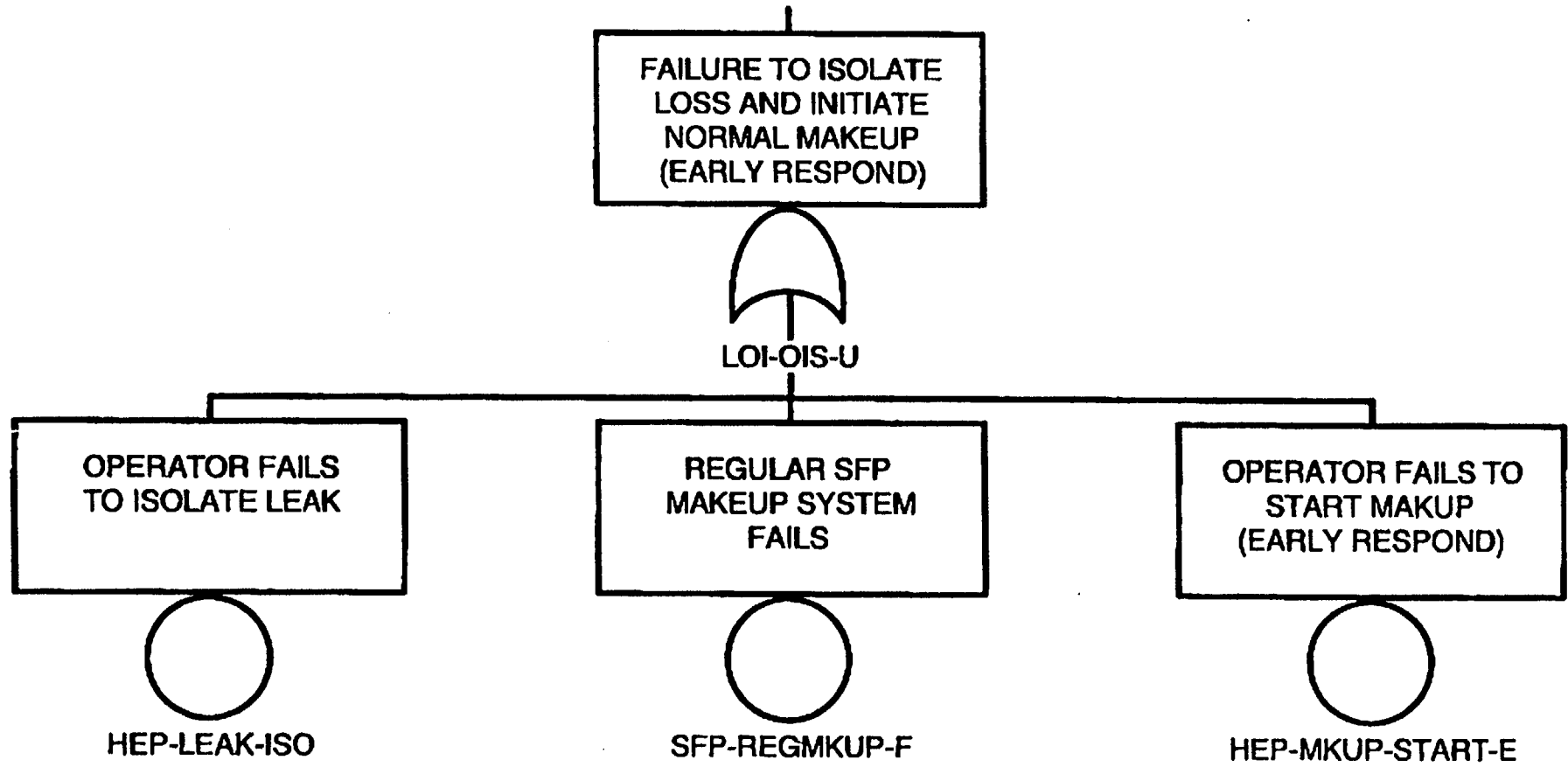


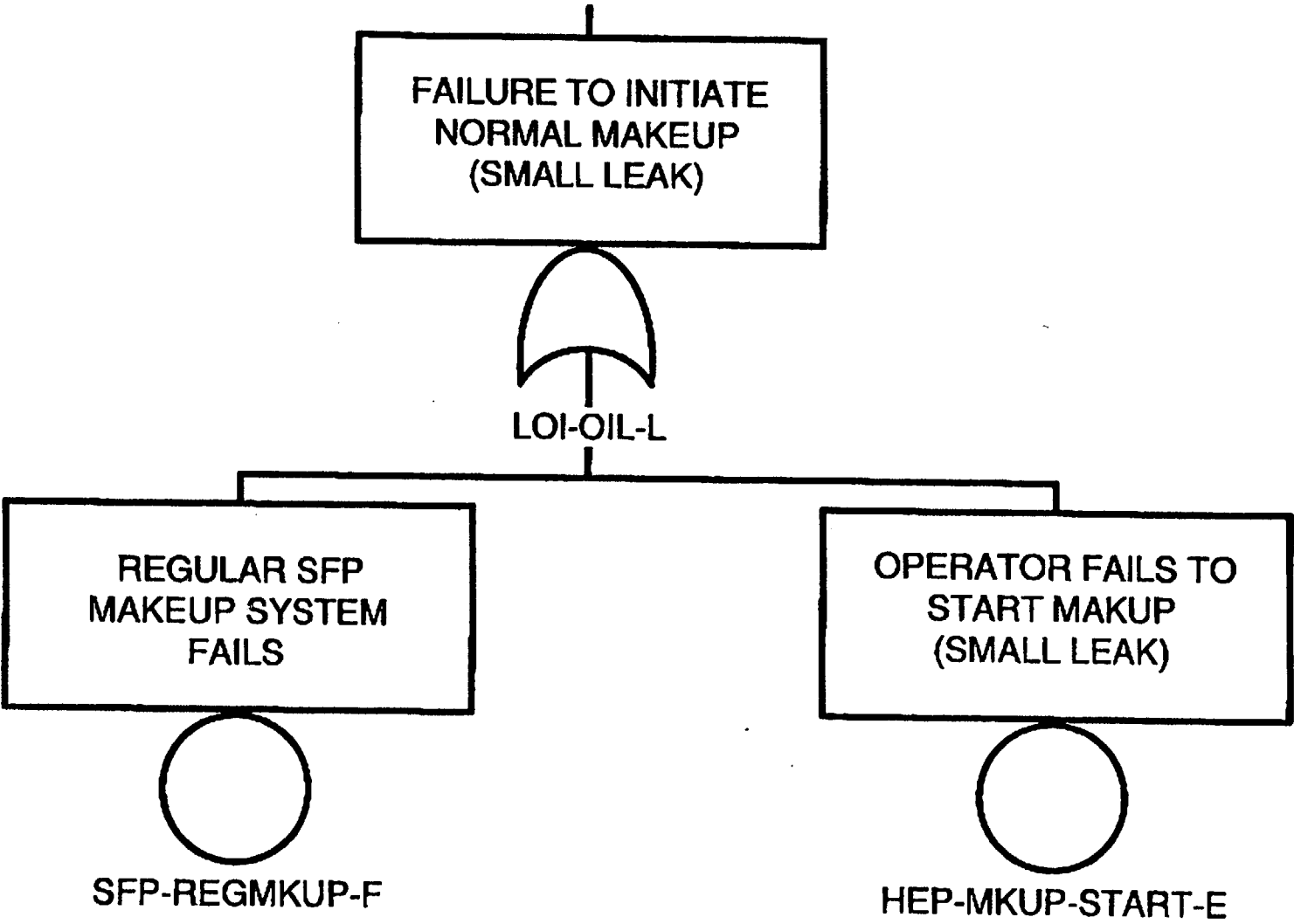


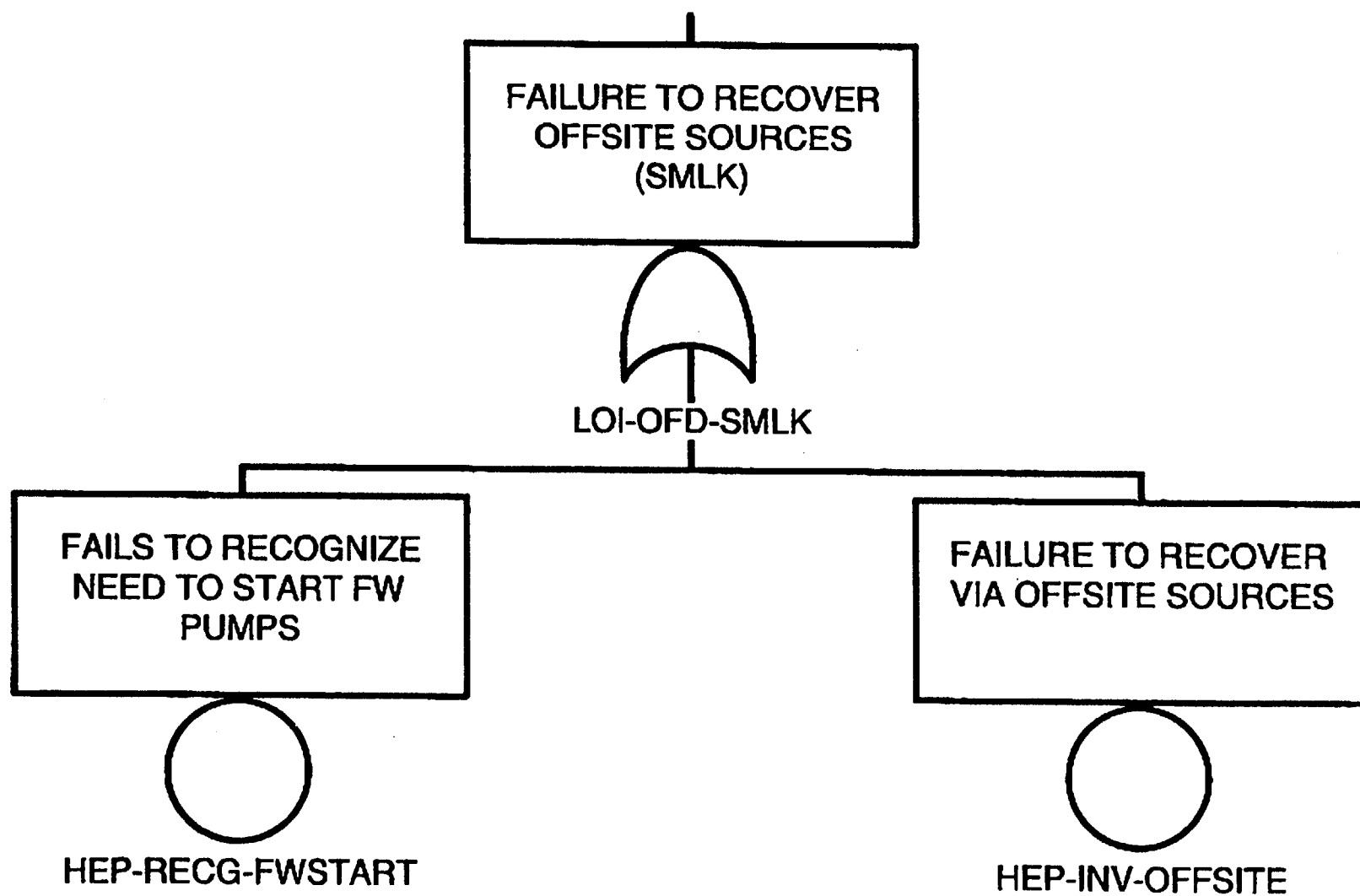












BASIC EVENTS PROBABILITY REPORT

Case: CURRENT

Family: NRC-SFP

Event Number	Primary Name	Calc Type	Mean Probability	Lambda	Tau
1	RP-2PUMPS-FTF	1	6.700E-004	+0.000E+000	+0.000E+000
2	HEP-DIAG-ALARM	1	3.000E-004	+0.000E+000	+0.000E+000
3	HEP-FW-REP-NODLG	1	9.000E-002	+0.000E+000	+0.000E+000
4	HEP-FW-REP-NODSM	1	7.500E-003	+0.000E+000	+0.000E+000
5	HEP-FW-START	1	1.000E-005	+0.000E+000	+0.000E+000
6	HEP-FW-START-LOI	1	1.300E-003	+0.000E+000	+0.000E+000
7	HEP-INV-OFFSITE	1	5.000E-002	+0.000E+000	+0.000E+000
8	HEP-INV-OFFST-LK	1	5.000E-002	+0.000E+000	+0.000E+000
9	HEP-LEAK-ISO	1	1.300E-003	+0.000E+000	+0.000E+000
10	HEP-MKUP-START	1	2.500E-006	+0.000E+000	+0.000E+000
11	HEP-MKUP-START-E	1	2.500E-004	+0.000E+000	+0.000E+000
12	HEP-RECG-FW-LOI	1	2.000E-004	+0.000E+000	+0.000E+000
13	HEP-RECG-FWSTART	1	2.000E-005	+0.000E+000	+0.000E+000
14	HEP-RECG-FWSTART-L	1	5.000E-002	+0.000E+000	+0.000E+000
15	HEP-WLKDMN-DEPEN	1	5.000E-002	+0.000E+000	+0.000E+000
16	HEP-WLKDMN-LOI	1	5.000E-003	+0.000E+000	+0.000E+000
17	HEP-WLKDMN-LOI-L	1	1.000E-005	+0.000E+000	+0.000E+000
18	IE-LOI	1	1.000E-003	+0.000E+000	+0.000E+000
19	LOI-LGLK	1	6.000E-002	+0.000E+000	+0.000E+000
20	SFP-REGMKUP-F	1	5.000E-002	+0.000E+000	+0.000E+000
21	SPC-LVL-LOP	1	2.000E-003	+0.000E+000	+0.000E+000

Family : NRC-SFP Sequence : 04
Analysis : RANDOM Event Tree : IE-LOI
Case : CURRENT Init. Event : IE-LOI
Minicut Upper Bound : 9.754E-010

Cut No.	% Total	% Cut Set	Prob/ Freq.	CURRENT CUT SETS
1	96.4	96.4	9.4E-010	HEP-RECG-FWSTART, /LOI-NLL, SFP-REGMKUP-F
2	98.8	2.4	2.4E-011	HEP-FW-START, HEP-INV-OFFSITE, /LOI-NLL, SFP-REGMKUP-F
3	100.0	1.2	1.2E-011	FP-2PUMPS-FTF, HEP-FW-REP-NODSM, HEP-INV-OFFSITE, /LOI-NLL, SFP-REGMKUP-F
4	100.0	0.0	4.7E-014	HEP-MKUP-START, HEP-RECG-FWSTART, /LOI-NLL
5	100.0	0.0	1.2E-015	HEP-FW-START, HEP-INV-OFFSITE, HEP-MKUP-START, /LOI-NLL

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Family : NRC-SFP           Sequence : 08
Analysis : RANDOM           Event Tree : IE-LOI
Case : CURRENT             Init. Event : IE-LOI
                          Mincut Upper Bound : 2.254E-012

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Cut No.	% Total	% Cut Set	Prob/ Freq.	CURRENT CUT SETS
1	83.4	83.4	1.9E-012	HEP-RECG-FWSTART, /LOI-NLL, SFP-REGMKUP-F, SPC-LVL-LOP
2	95.9	12.5	2.8E-013	HEP-DIAG-ALARM, HEP-RECG-FWSTART, /LOI-NLL, SFP-REGMKUP-F
3	98.0	2.1	4.7E-014	HEP-FW-START, HEP-INV-OFFSITE, /LOI-NLL, SFP-REGMKUP-F, SPC-LVL-LOP
4	99.1	1.1	2.4E-014	FP-2PUMPS-FTF, HEP-FW-REP-NODSM, HEP-INV-OFFSITE, /LOI-NLL, SFP-REGMKUP-F, SPC-LVL-LOP
5	99.5	0.4	9.4E-015	HEP-MKUP-START-E, HEP-RECG-FWSTART, /LOI-NLL, SPC-LVL-LOP
6	99.8	0.3	7.1E-015	HEP-DIAG-ALARM, HEP-FW-START, HEP-INV-OFFSITE, /LOI-NLL, SFP-REGMKUP-F
7	99.9	0.2	3.5E-015	FP-2PUMPS-FTF, HEP-DIAG-ALARM, HEP-FW-REP-NODSM, HEP-INV-OFFSITE, /LOI-NLL, SFP-REGMKUP-F
8	100.0	0.1	1.4E-015	HEP-DIAG-ALARM, HEP-MKUP-START-E, HEP-RECG-FWSTART, /LOI-NLL

Family : NRC-SFP Sequence : 11
Analysis : RANDOM Event Tree : IE-LOI
Case : CURRENT Init. Event : IE-LOI
Minicut Upper Bound : 1.175E-009

Cut No.	% Total	% Cut Set	Prob/ Freq.	CURRENT CUT SETS
1	60.0	60.0	7.1E-010	HEP-DIAG-ALARM, HEP-RECG-FWSTART-L, HEP-WLKDOWN-DEPEN, /LOI-NLL
2	100.0	40.0	4.7E-010	HEP-RECG-FWSTART-L, HEP-WLKDOWN-LOI, /LOI-NLL, SPC-LVL-LOP
3	100.0	0.0	7.1E-015	HEP-DIAG-ALARM, HEP-FW-START, HEP-INV-OFFSITE, HEP-WLKDOWN-DEPEN, /LOI-NLL
4	100.0	0.0	4.7E-015	HEP-FW-START, HEP-INV-OFFSITE, HEP-WLKDOWN-LOI, /LOI-NLL, SPC-LVL-LOP
5	100.0	0.0	3.5E-015	FP-2PUMPS-FTF, HEP-DIAG-ALARM, HEP-FW-REP-NODSM, HEP-INV-OFFSITE, HEP-WLKDOWN-DEPEN, /LOI-NLL
6	100.0	0.0	2.4E-015	FP-2PUMPS-FTF, HEP-FW-REP-NODSM, HEP-INV-OFFSITE, HEP-WLKDOWN-LOI, /LOI-NLL, SPC-LVL-LOP

Family : NRC-SFP Sequence : 15
Analysis : RANDOM Event Tree : IE-LOI
Case : CURRENT Init. Event : IE-LOI
Mincut Upper Bound : 8.290E-010

Cut No.	% Total	% Cut Set	Prob/ Freq.	CURRENT CUT SETS
1	72.4	72.4	6.0E-010	HEP-RECG-FW-LOI, LOI-LGLK, SFP-REGMKUP-F
2	95.9	23.5	2.0E-010	HEP-FW-START-LOI, HEP-INV-OFFST-LK, LOI-LGLK, SFP-REGMKUP-F
3	97.8	1.9	1.6E-011	HEP-LEAK-ISO, HEP-RECG-FW-LOI, LOI-LGLK
4	98.9	1.1	9.1E-012	FP-2PUMPS-FTF, HEP-FW-REP-NODLG, HEP-INV-OFFST-LK, LOI-LGLK, SFP-REGMKUP-F
5	99.5	0.6	5.1E-012	HEP-FW-START-LOI, HEP-INV-OFFST-LK, HEP-LEAK-ISO, LOI-LGLK
6	99.8	0.4	3.0E-012	HEP-MKUP-START-E, HEP-RECG-FW-LOI, LOI-LGLK
7	100.0	0.1	8.8E-013	HEP-FW-START-LOI, HEP-INV-OFFST-LK, HEP-MKUP-START-E, LOI-LGLK
8	100.0	0.0	2.4E-013	FP-2PUMPS-FTF, HEP-FW-REP-NODLG, HEP-INV-OFFST-LK, HEP-LEAK-ISO, LOI-LGLK
9	100.0	0.0	4.5E-014	FP-2PUMPS-FTF, HEP-FW-REP-NODLG, HEP-INV-OFFST-LK, HEP-MKUP-START-E, LOI-LGLK

