

Tim Leahy

10/21/99

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Soli Khericha

IN EEL

Review

Dan Henry
Harold Blackman

10/27
Steve Stollenmeyer

Review philosophy - ^{loss of} LC events - Operator has 128 hours.

Mike's Table 1 - Note 1 - Why multiply? by 0.84
or 0.34. It seems that might DIVIDE by .84 rather
than multiply? - Adding mass that ^{absorbs} removes energy

10/27
Soli
multiply +
reductions
cutoffs equal out.

LOSP - DG fire pump checked twice in ET. Why? If "Yes"
for ~~ET~~ "DG", then have injection to pool.

Loss of Coolant Inventory -

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Dan Henry
Soli

seismic
wind
heavy floods

int flood part of
loss of cooling

Did we miss any input initiators? EXT floods site
specific.

Are there any new insights? no new input seq.
relative ranking is changed

Do we need to change any insights we've already made?
B/210

(2)

10/22/99

Boiling acid crystallization + heat transfer?

What about if $q_{critical} > q_{sys}$?

Criticality + non-coolable geometry.
Can it eat through concrete?

→ electric fire water pump failure rate.
.06 Failure to start + run

Where does it come from

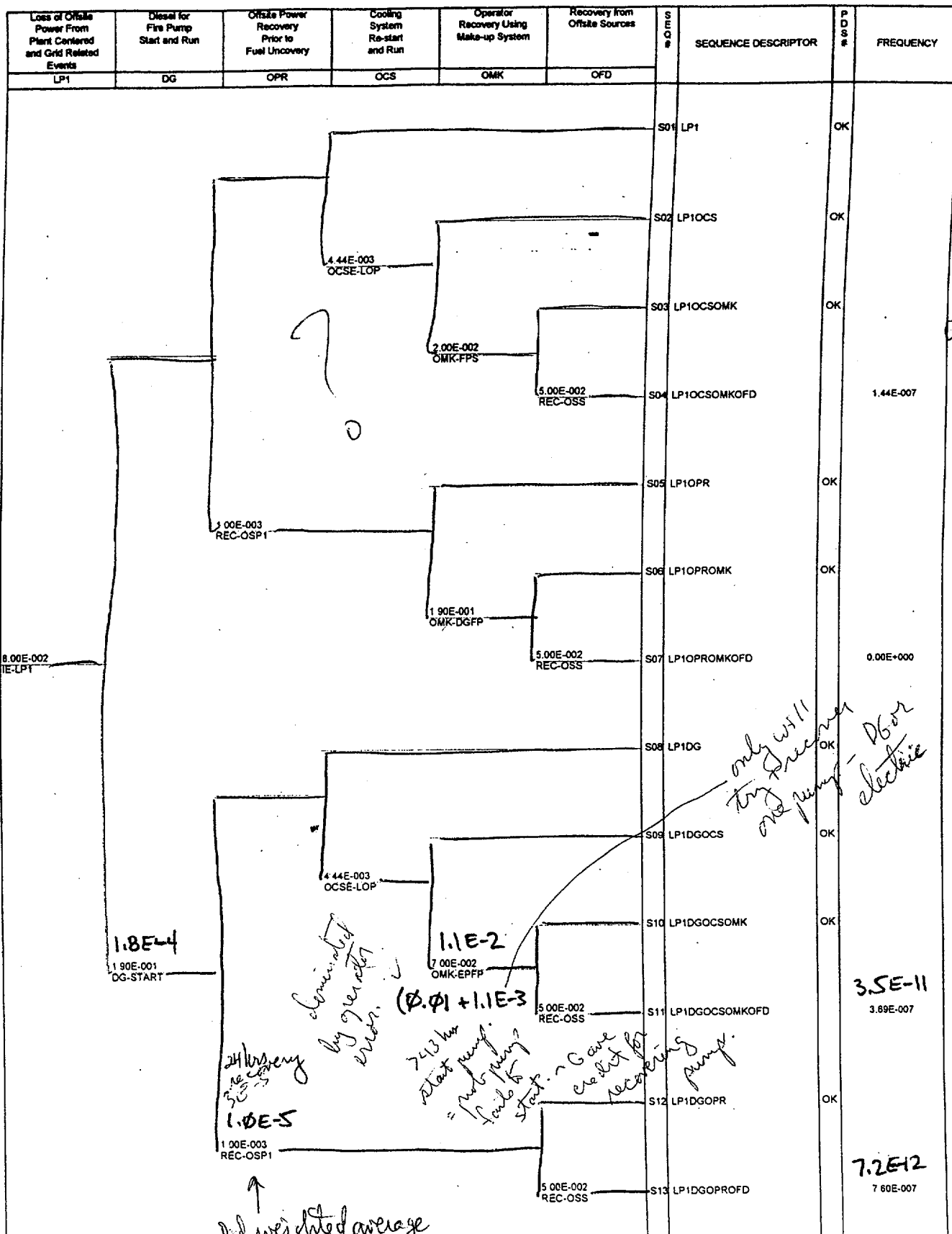
Fire Event in the Aux Bldg/ Reactor Bldg	Fire Suppression or No Effect on SFP Function	Operator Recovery Using Diesel Fire Pumps	Recovery Using Offsite Sources	SEQ #	SEQUENCE DESCRIPTOR	PDS #	FREQUENCY
FIR	OSP	OMK	OFD				
<div> <div>S.BE-4</div> <div>9.00E-003 FIR-FIR</div> <div>5.00E-002 OSP-FIR</div> <div>1.00E-001 OMK-DGFP</div> <div>1.00E-002 REC-OSS1</div> <div>(0.01 + 1.8E-4) HEP</div> </div>				S01	FIR	OK	
				S02	FIROSP	OK	
				S03	FIROSPOMK	OK	
				S04	FIROSPOMKOFD		2.9E-9 8.55E-007

C:\WinNUPRA\SFP-1\FIR EVT 10:36:18 06/10/99 WIN-NUPRA 1.0
Quantification Date 06/10/99 10:34:45 TOTAL CMF = 8.55E-007

SFP RISK AT DECOMMISSIONED PLANTS

INTERNAL FIRE INITIATING EVENT

CASE 1

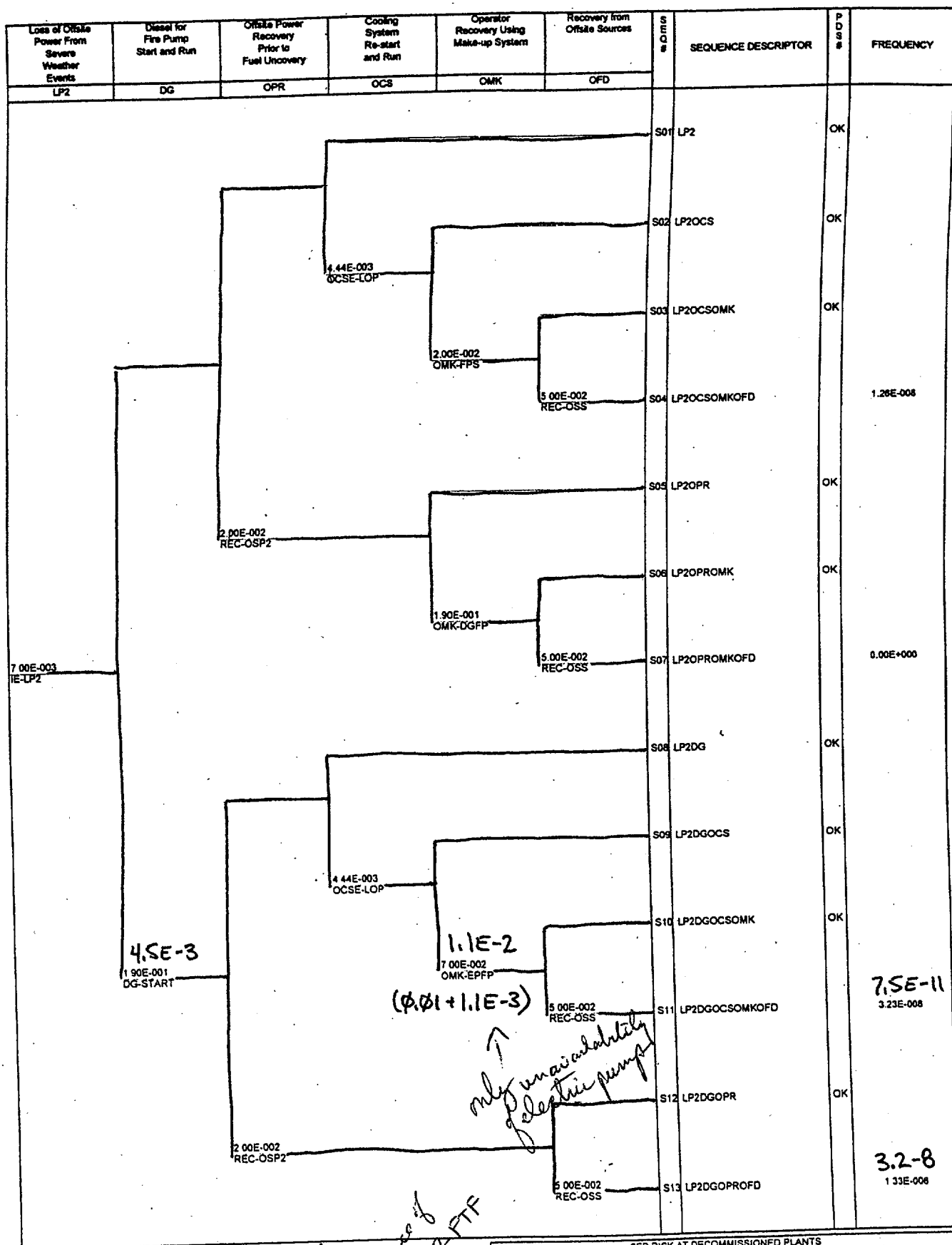


C:\WinNUPRA\SFP-1\LP1 EVT 06 02 26 05/28/99 WIN-NUPRA 10
Quantification Date 05/28/99 06 01 19 TOTAL CMF = 1.27E-006

SFP RISK AT DECOMMISSIONED PLANTS

LOSS OF OFFSITE POWER
FROM PLANT CENTERED EVENTS
CASE 1

See pg 20



C:\WinNUPRA\SFP-1 LP2 EVT 06 04 12 05/28/99 WIN-NUPRA 1
Quantification Date 05/28/99 06 03 27 TOTAL CMF = 1.37E-008

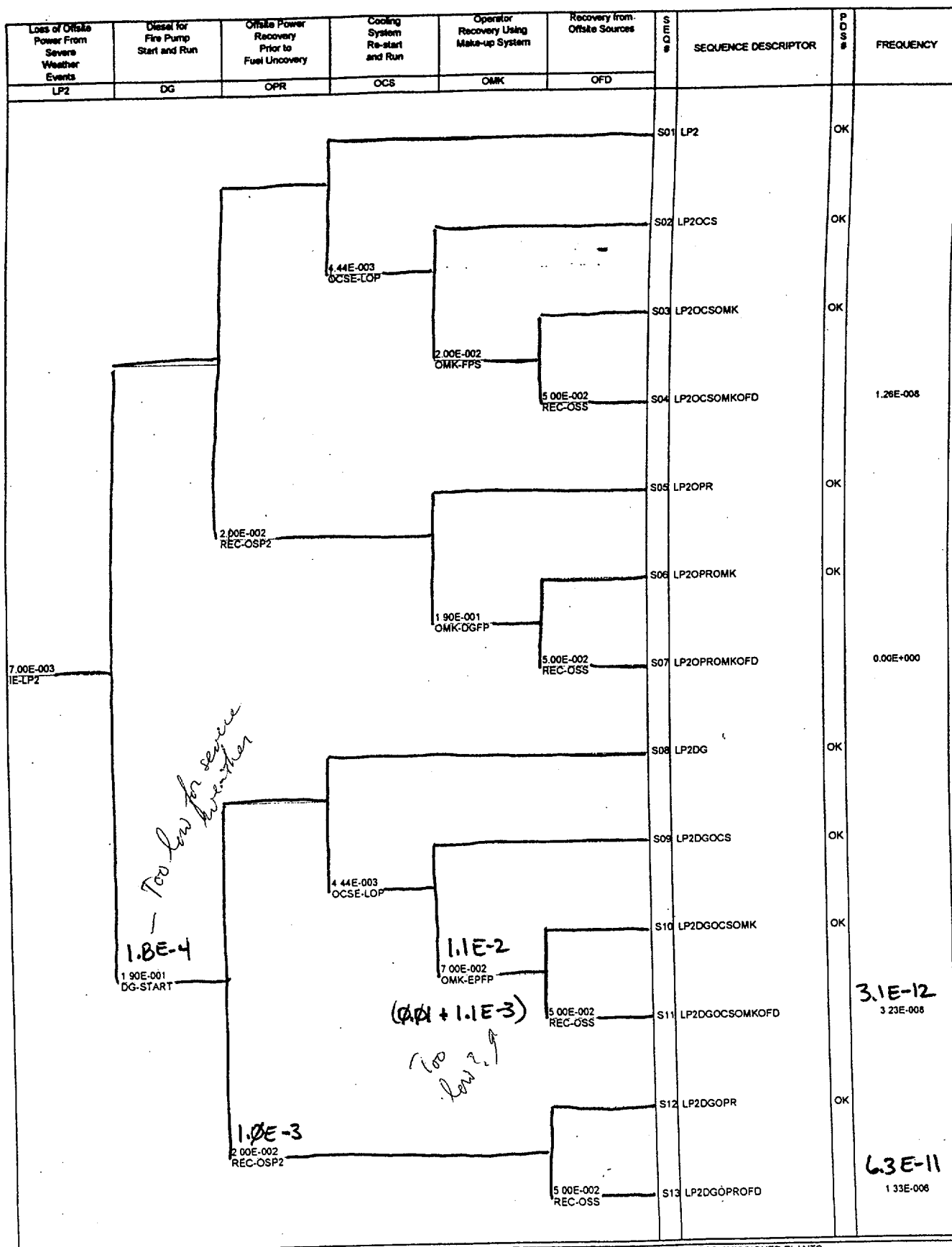
See Appendix A-1
What is source of
FP - EL PUMP - FTF

only availability
of electric pumps

SFP RISK AT DECOMMISSIONED PLANTS

LOSS OF OFFSITE POWER
FROM SEVERE WEATHER EVENTS

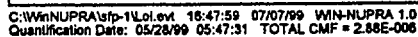
CASE 1



C:\WinNUPRA\SFP-1 LP2 EVT 06 04 12 05/28/99 WIN-NUPRA 1.0
Quantification Date 05/28/99 06 03 27 TOTAL CMF = 1.37E-006

SFP RISK AT DECOMMISSIONED PLANTS

LOSS OF OFFSITE POWER
FROM SEVERE WEATHER EVENTS
CASE 1



SFP RISK AT DECOMMISSIONED PLANTS

LOSS OF COOLANT INVENTORY

Figure 5a

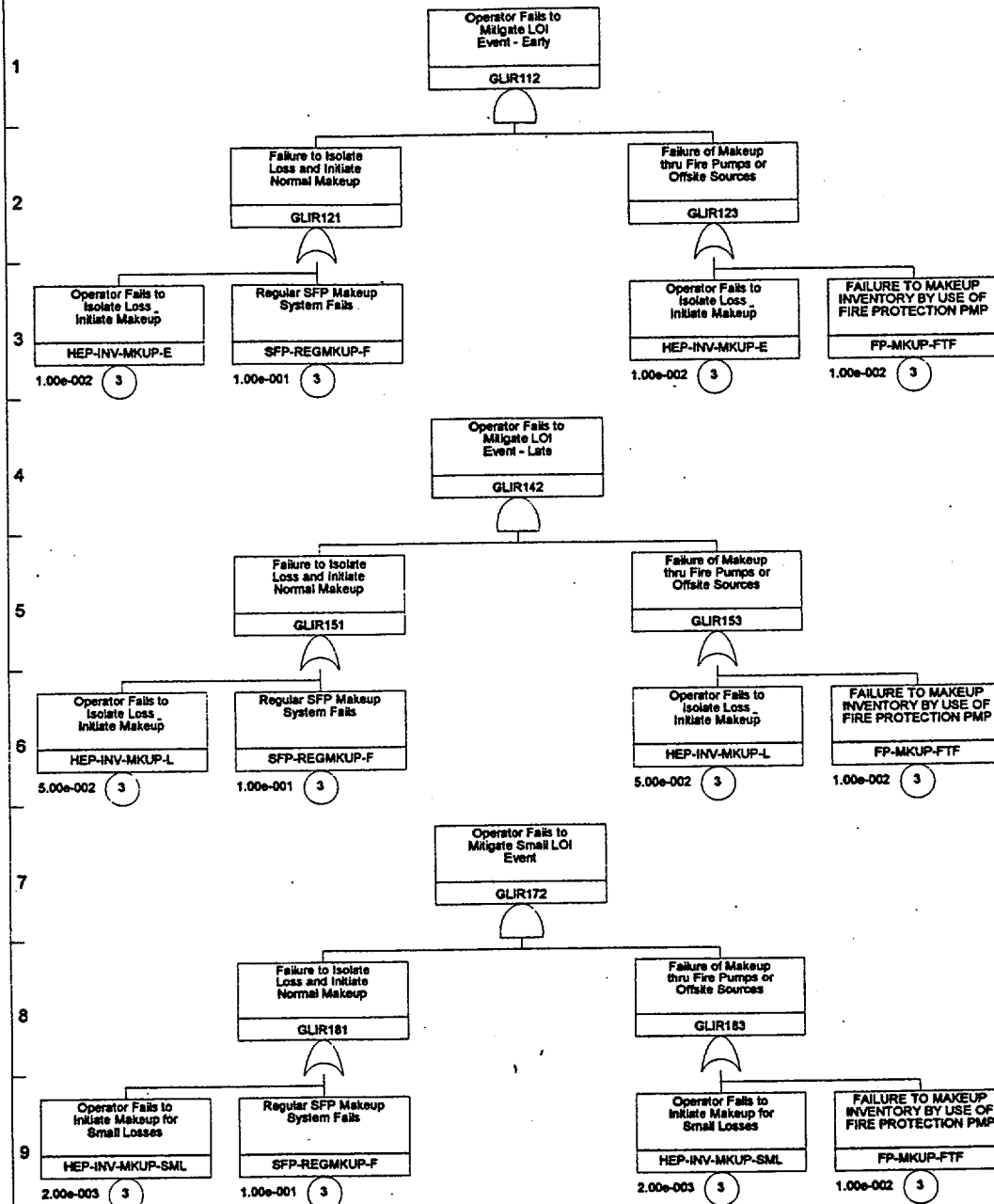
FAILURE TO MAKE UP INVENTORY LOSS OF INVENTORY EVENTS

LIR, 1

Analyst: MCC Creation Date: 05-19-99

Revision: 05-27-99

lot-rec.LGC WIN-NUPRA 1.0



A

B

C