

9999999999

Enclosure 9

System (PSYS) vs. Component (COMP) for steps preceeding Loss of Rod Position
Indication (387 LERS)

07-~~649~~ 10
652 a-91

ONLY PSYS CODES USED MORE THAN 5 TIMES WILL BE LISTED
ONLY COMP CODES USED MORE THAN 5 TIMES WILL BE LISTED
CAUTION--THE HORIZONTAL AND VERTICAL "SUMS" ARE FOR ALL USES OF THE CODES
FIELD:PSYS HAS 56 UNIQUE VALUES
FIELD:COMP HAS 126 UNIQUE VALUES

*PSYS * * * * * * * * COMP	IP	FB	PC	PO	EA	AE	IZ	IA
ZS	43	0	0	0	0	0	0	0
PLO	0	0	0	25	0	0	0	0
GEN	0	6	0	0	2	0	0	0
CON	35	0	0	0	0	0	0	0
ZA	0	0	0	0	0	0	0	2
MSC	17	0	0	0	0	0	0	0
JX	14	0	0	0	0	0	0	0
PFLT	1	0	0	0	0	0	0	0
RLZ	5	0	0	0	0	0	2	0
PZ	0	0	2	0	0	0	0	0
EXC	0	1	0	0	0	0	0	0
CCD	51	0	0	0	0	0	0	0
PUZ	0	0	1	2	0	0	0	0
RLX	1	0	0	0	1	0	0	0
BUS	0	0	0	0	2	0	0	0
MEI	5	1	0	0	0	0	1	0
CNTR	10	0	0	0	0	0	1	0
PNO	0	0	0	2	0	0	0	0
TRB	0	10	0	0	1	0	0	0
XXX	0	0	0	0	1	2	0	0
INL	1	0	0	0	0	0	0	0
ISVZ	0	1	0	0	0	0	0	0
SS	0	0	0	0	0	0	1	0

PSYS Comp	IP	FB	PC	PO	EA	AE	IZ	IA
52	0	0	0	0	7	0	0	0
XVCT	1	0	0	0	0	0	0	0
DIO	1	0	0	0	0	0	0	0
SUM	272	44	40	38	37	36	32	29

*PSYS * * * * * * * COMP	FK	PM	FD	XX	PZ	PF	EC	PT
TBG	0	0	1	0	0	0	0	0
PLO	0	0	0	0	1	0	0	0
MSC	0	0	1	0	0	0	2	0
COND	0	0	3	0	0	0	0	0
PCP	0	1	0	0	0	10	0	0
JX	0	0	0	0	0	0	2	0
PZ	0	0	0	0	11	0	0	0
PIZZ	1	0	0	0	0	0	0	0
PUZ	0	37	0	0	0	1	0	21
BUS	0	0	0	0	0	0	6	0
PNO	0	0	0	0	0	0	0	1
ISVZ	0	0	1	0	0	0	0	0
52	0	0	0	0	0	0	9	0
SUM	29	26	26	22	21	20	14	12

*PSYS * * * * * * COMP	AA	PD	AB	II	EB	IB	ED	KF
TBG	0	0	0	1	0	0	0	0
PLO	0	1	0	0	0	0	0	0
CRD	0	0	7	0	0	0	0	0
CON	0	0	0	0	2	0	0	0
MSC	0	0	0	1	1	0	1	0

PSYS

Comp

AA

PD

AB

II

EB

IB

ED

KF

PCP	0	11	0	0	0	0	0	0
JX	0	0	0	0	0	2	3	0
PFLT	0	0	4	0	0	0	0	0
RLZ	0	0	0	0	1	0	0	0
PZ	0	27	0	0	0	0	0	0
PIZZ	0	0	1	0	0	0	0	0
CRA	7	0	0	0	0	0	0	0
CCD	0	0	0	2	0	4	3	0
PUZ	0	1	0	0	0	0	0	0
BUS	0	0	0	0	14	0	5	0
MEI	0	0	0	1	1	0	0	1
1XZ	0	0	0	1	0	0	0	2
CNTR	0	0	0	1	0	0	1	0
CLR	0	0	0	1	0	0	0	0
XXX	0	0	0	0	1	0	0	0
52	0	0	0	0	6	0	5	0
XVCT	0	0	0	0	0	0	4	0
DIO	0	0	0	0	0	0	1	0
SUM	12	11	9	9	9	8	7	6

*PSYS

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COMP

IK

Sum

ZS	0	66
TBG	0	61
PLO	0	43
CRD	0	41
GEN	0	40
CON	0	38
ZA	0	28
MSC	0	27

PSYS
Comp

IK SUM

COND	0	27
PCP	0	26
JX	0	25
PFLT	0	23
RLZ	0	23
PZ	0	20
PIZZ	0	20
CRA	0	13
EXC	0	11
CCD	0	11
PUZ	0	10
RLX	0	9
BUS	0	9
MEI	0	8
1XZ	0	8
CNTR	0	8
CLR	0	8
PNO	0	8
TRB	0	7
XXX	0	7
INL	1	6
ISVZ	0	6
SS	0	6
52	0	6
XVCT	0	6
DIO	0	6
SUM	6	775

11

System (PSYS) vs. Component (COMP) for steps following Loss of Rod Position Indication (387 LERS)

67-~~1111~~-91
652h

ONLY PSYS CODES USED MORE THAN 5 TIMES WILL BE LISTED
 ONLY COMP CODES USED MORE THAN 5 TIMES WILL BE LISTED
 CAUTION--THE HORIZONTAL AND VERTICAL "SUMS" ARE FOR ALL USES OF THE CODES
 FIELD:PSYS HAS 31 UNIQUE VALUES
 FIELD:COMP HAS 52 UNIQUE VALUES

*COMP * * * * * * * * PSYS *		CRA	XXX	JX	ZZZ	CRD	BYVZ	PUZ
AA	0	77	0	0	0	0	0	0
IP	0	0	13	2	0	0	0	0
AE	0	0	2	0	0	0	0	0
PT	0	0	0	0	0	0	0	2
IL	0	0	0	0	1	0	0	0
PM	0	0	0	0	0	0	0	8
FF	0	0	0	0	0	0	1	0
AB	0	0	0	0	0	4	0	0
BP	0	0	1	0	0	0	0	0
SUM	163	77	36	19	14	12	11	10

*COMP * * * * * * * PSYS *	PLO	Sum
AA	0	80
IP	0	64
AE	0	27
PT	7	9
IL	0	9
PM	0	8
FF	0	8
AB	0	8

COMP	PLO	SUM
PSYS		
BP	0	7
PO	27	6
AH	0	6
SUM	6	348

14

System (PSYS) vs. Component (COMP) for steps preceeding Loss of Annunciators
(626 LERS)

07-653a-91

ONLY PSYS CODES USED MORE THAN 5 TIMES WILL BE LISTED
 ONLY COMP CODES USED MORE THAN 5 TIMES WILL BE LISTED
 CAUTION--THE HORIZONTAL AND VERTICAL "SUMS" ARE FOR ALL USES OF THE CODES
 FIELD:PSYS HAS 83 UNIQUE VALUES
 FIELD:COMP HAS 200 UNIQUE VALUES

*PSYS * * * * * * * * * COMP	IA	PT	PM	IZ	IL	XX	PC	WC
CCD	30	0	0	2	6	0	0	0
JX	11	0	0	1	1	0	0	0
TD	1	0	0	1	0	0	0	0
RI	0	0	0	0	23	0	0	0
PUZ	0	90	101	0	0	0	1	0
PS	3	0	0	13	0	0	0	0
ZS	4	0	0	6	0	0	0	0
CL	4	0	0	0	0	0	0	0
XS	1	0	0	0	1	0	0	0
IA	1	0	0	0	0	0	0	0
FS	1	0	0	4	17	0	0	0
FI	1	0	0	0	0	0	0	0
CBL	14	0	0	7	14	0	0	0
RLX	3	0	0	8	1	0	0	0
TBG	1	0	0	1	0	0	0	0
LS	1	0	0	5	0	0	0	0
BD	6	0	0	0	0	0	0	0
FU	15	0	0	0	4	0	0	0
RA	4	0	0	0	0	0	0	0
VLVS	1	0	0	0	0	0	0	0
FAS	2	0	0	0	1	0	0	0
PZ	0	0	0	0	0	0	7	0
XI	0	0	0	1	0	0	0	0

PSYS
comp

	IA	PT	PM	IZ	IL	XX	PC	WC
CPU	2	0	0	0	0	0	0	0
PT	1	0	0	0	0	0	0	0
SEAL	2	0	0	0	0	0	0	0
LC	0	0	0	1	0	0	0	0
CSW	0	0	0	10	0	0	0	0
MSC	25	0	0	3	5	0	0	0
RLZ	7	0	0	1	0	0	0	0
TK	0	0	0	0	0	0	0	1
APD	0	0	0	0	1	0	0	0
SL	0	0	0	4	0	0	0	0
FCVZ	1	0	0	0	0	0	0	0
LE	1	0	0	0	0	0	0	0
PLO	0	23	2	0	0	0	0	0
AR	0	0	0	1	0	0	0	0
PCP	0	3	4	0	0	0	0	0
CNTR	11	0	0	5	1	0	0	0
MEI	4	0	0	1	0	0	0	0
CAP	15	0	0	0	0	0	0	0
ZA	10	0	0	0	0	0	0	0
AMP	0	0	0	1	0	0	0	0
PNO	0	0	1	0	0	0	0	0
TW	1	0	0	0	0	0	0	0
ISVZ	0	0	0	0	2	0	0	1
NA	8	0	0	0	0	0	0	0
BIS	1	0	0	0	0	0	0	0
ARLY	7	0	0	0	0	0	0	0
SUM	271	116	108	102	102	96	84	83
*PSYS	IW	PD	PO	IN	EC	FI	EA	IK
*								
*								
*								
*								
*								
*								
*								
COMP								
CCD	3	0	0	9	0	0	0	2

PSYS
COMP

IW PD PO IN EC FI EA IK

JX	0	0	0	3	1	0	0	0
BUS	0	0	0	0	8	0	1	0
RI	0	0	0	15	0	0	0	0
PUZ	0	11	17	0	0	0	0	0
1X2	1	0	0	0	0	0	0	0
PS	6	0	0	0	0	0	0	0
CL	0	0	0	2	1	0	0	0
XS	0	0	0	1	0	0	0	0
FS	1	0	0	0	0	0	0	0
FI	1	0	0	2	0	0	0	0
CBL	7	0	0	2	6	0	3	6
RLX	1	0	0	2	0	0	0	0
BD	0	0	0	1	5	0	0	1
FU	1	0	0	0	2	0	0	0
VLVS	1	0	0	0	0	1	0	0
BAVZ	2	0	0	0	0	0	0	0
FAS	0	0	0	0	1	0	0	0
SHFT	0	0	0	0	0	2	0	0
PZ	0	38	0	0	0	0	0	0
PD	0	0	0	0	0	0	0	1
PCVZ	0	0	0	2	0	0	0	0
SEAL	0	0	0	1	0	2	0	0
CSW	5	0	0	0	0	0	0	1
MSC	1	0	0	3	1	1	0	1
RLZ	7	0	0	3	0	0	0	0
TK	0	0	0	0	0	1	0	0
SL	2	0	0	1	0	0	0	0
NI	0	0	0	0	0	0	0	21
FCVZ	0	0	0	0	0	12	0	0
LE	1	0	0	0	0	0	0	0
PLO	0	0	35	0	0	0	0	0
PCP	0	17	1	0	0	0	0	0

PSYS IW PD PO IN EC FE EA IK
 COMP

XXX	0	0	0	0	0	19	3	0
CNTR	5	0	0	0	3	0	0	0
MEI	1	0	0	0	5	0	0	0
CAP	0	0	0	0	0	0	2	0
SUM	0	0	0	0	0	0	0	2
AMP	0	0	0	0	0	0	0	1
PNO	0	0	10	0	0	0	0	0
RE	0	0	0	1	0	0	0	0
TW	0	0	0	1	0	0	0	0
ISVZ	2	0	0	2	0	1	0	0
BIS	1	0	0	0	0	0	0	0
52	0	0	0	0	12	0	8	0
SUM	73	68	63	61	58	52	52	42

*PSYS	IT	SF	IU	SN	PZ	IB	PI	ED
*								
*								
*								
*								
*								
*								
*								
COMP								

CCD	2	0	2	0	0	0	0	1
DR	3	0	0	1	0	0	0	0
JX	0	0	1	0	0	0	0	1
BUS	0	0	0	0	0	0	0	20
PUZ	0	0	0	0	5	0	9	0
PS	2	0	1	0	0	0	0	0
ZS	1	0	1	0	0	0	0	0
FS	1	0	0	0	0	0	0	0
FI	1	0	0	0	0	0	0	0
CBL	7	0	1	0	0	0	0	5
LS	1	0	1	0	0	0	0	0
BD	0	0	2	0	0	0	0	2
FU	0	0	0	0	0	2	0	9
PZ	0	0	0	0	23	0	16	0
CPU	0	0	1	0	0	24	0	0

PSYS
COMP

IT SF IU SN PZ IB PI ED

PT	0	0	1	0	0	0	0	0
SEAL	1	0	0	0	0	0	0	0
LC	4	0	0	0	0	0	0	0
CSW	1	0	0	0	0	0	0	0
MSC	1	1	0	0	0	0	0	0
RLZ	0	0	3	0	0	0	0	0
SL	0	0	1	0	0	0	0	0
PCP	0	0	0	0	1	0	2	0
XXX	0	1	0	0	0	0	0	1
CNTR	1	0	0	0	0	0	0	1
MEI	0	0	0	0	0	2	0	0
CAP	0	0	1	0	0	0	0	1
AMP	0	0	1	0	0	0	0	0
ISVZ	0	0	1	0	0	0	0	0
BIS	0	0	1	0	0	0	0	0
52	0	0	0	0	0	0	0	9
SUM	40	38	35	32	29	28	27	27

*PSYS	EH	DB	IH	PA	II	KB	EB	CI
*								
*								
*								
*								
*								
*								
*								
COMP								
CCD	0	0	1	0	2	0	0	0
DR	0	2	0	0	0	0	3	0
PNA	0	1	0	0	0	0	0	0
BUS	0	0	0	0	0	0	18	0
PUZ	0	0	0	11	0	0	0	0
1X2	1	0	0	0	0	0	0	0
PS	0	0	2	0	2	0	0	0
CL	0	2	0	0	0	0	0	0
XS	0	0	2	0	0	0	0	0
FS	0	0	0	0	2	0	0	0

PSYS
Comp

*PSYS	PX	FA	IP	Sum
*				
*				
*				
*				
*				
*				
*				
COMP				

CCD	0	0	4	252
DR	0	0	0	86
PNA	0	0	0	84
JX	0	0	0	67
TD	0	0	0	66
BUS	0	0	0	57
RI	0	0	0	54
PUZ	0	0	0	53
CMP	0	0	0	51
1X2	0	0	0	39
PS	0	0	0	38
ZS	0	0	3	38
CL	0	0	1	37
XS	0	0	0	37
IA	0	0	0	33
FS	0	0	0	33
FI	0	0	0	32
CBL	0	0	0	29
RLX	0	0	0	29
TBG	0	0	0	28
LS	0	0	0	26
BD	0	0	0	23

PSYS
COMP

PX FA IP Sum

FU	0	0	0	21
RA	0	0	0	21
VLVS	0	0	0	19
BAVZ	0	0	0	19
FAS	0	0	0	18
SHFT	0	0	0	18
PZ	0	0	0	17
XI	0	0	0	17
CPU	0	0	2	16
PT	0	0	0	16
PD	0	0	0	15
PCVZ	0	0	0	14
SEAL	0	0	0	14
LC	0	0	0	12
CSW	0	0	1	12
MSC	0	0	0	10
RLZ	0	0	0	10
TK	0	0	0	10
APD	0	0	0	10
SL	0	0	0	9
NI	0	0	0	9
FCVZ	0	0	0	9
LE	0	0	0	8
PLO	1	0	0	8
AR	0	0	0	8
PCP	0	0	0	8
XXX	0	0	0	8
CNTR	0	0	0	8
MEI	0	0	0	8
CAP	0	0	0	8
SUM	0	0	0	8
ZA	0	0	0	8
AMP	0	0	0	7

PSYS
Comp' DX FA IP Sum

PNO	0	0	0	7
RE	0	0	0	7
72	0	0	0	7
TW	0	0	0	7
ISVZ	0	0	0	6
NA	0	0	0	6
BIS	0	0	0	6
52	0	0	0	6
ARLY	0	0	1	6
SUM	6	6	6	1915

11

Enclosure 12
07-6532-91

System (PSYS) vs. Component (COMP) for steps following Loss of Annunciators
(626 LERS)

ONLY PSYS CODES USED MORE THAN 5 TIMES WILL BE LISTED
ONLY COMP CODES USED MORE THAN 5 TIMES WILL BE LISTED
CAUTION--THE HORIZONTAL AND VERTICAL "SUMS" ARE FOR ALL USES OF THE CODES
FIELD:PSYS HAS 95 UNIQUE VALUES
FIELD:COMP HAS 170 UNIQUE VALUES

*PSYS * * * * * * * * COMP	XX	IA	PO	EH	HW	SF	CD	AE
ZS	0	3	0	0	0	0	0	0
ZZA	0	14	0	0	0	0	0	0
PUZ	0	0	20	0	0	0	0	0
ZI	0	7	0	0	0	0	0	0
RLX	0	1	0	0	0	0	0	0
IA	0	1	0	0	0	0	0	0
MEI	0	3	0	0	0	0	0	0
RA	0	35	0	0	0	0	0	0
TW	0	4	0	0	0	0	0	0
NA	0	11	0	0	0	0	0	0
DSL	0	0	0	40	0	0	0	0
1X2	0	0	0	19	0	0	0	0
LA	0	20	0	0	0	0	0	0
BRG	0	0	0	2	0	0	0	0
XXX	0	3	0	14	6	2	0	11
1XZ	0	2	0	23	0	0	0	0
CCD	0	3	0	0	0	0	0	0
PLO	0	0	121	0	0	0	0	0
FA	0	22	0	0	0	0	0	0
FU	0	3	0	0	0	0	0	0
MSC	0	1	0	0	0	0	0	0
TA	0	5	0	0	0	0	0	0
CVZ	0	2	0	0	0	0	0	0

PSYS. COMP	XX	IA	PO	EH	HW	SF	CD	AE
TK	0	0	0	0	0	0	2	0
LR	0	2	0	0	0	0	0	0
SEAL	0	2	0	0	0	0	0	0
ARLY	0	11	0	0	0	0	0	0
DMP	0	0	0	0	1	0	0	0
DR	0	0	0	0	0	3	0	0
PNO	0	0	12	0	0	0	0	0
ZA	0	21	0	0	0	0	0	0
ZZI	0	1	0	0	0	0	0	0
TBG	0	1	0	0	0	0	0	0
SUM	444	290	155	106	71	68	66	50

*PSYS * * * * * * * COMP	AA	DA	IN	EA	YY	PM	IK	IZ
PUZ	0	0	0	0	0	29	0	0
ZI	0	0	0	0	0	0	0	3
RLX	0	0	0	0	0	0	0	1
52	0	0	0	2	0	0	0	0
PT	0	0	0	0	0	0	0	1
1X2	0	0	2	0	0	0	0	1
XXX	0	2	1	1	0	0	0	3
1XZ	0	0	1	0	0	0	0	0
PC	0	0	0	0	0	0	0	3
PLO	0	0	0	0	0	1	0	0
PS	0	0	0	0	0	0	0	2
MOT	0	0	2	0	0	0	0	0
PMPZ	0	0	3	0	0	0	0	0
LOR	0	0	0	0	0	0	0	1
RI	0	0	26	0	0	0	0	0
XPWT	0	0	0	1	0	0	0	0
DMP	0	0	1	0	0	0	0	0

PSYS AA DA IN EA YY PM IK IZ
COMP

DR	0	0	0	0	0	0	0	1
CRA	14	0	0	0	0	0	0	0
PNO	0	0	0	0	0	2	0	0
FLA	33	0	0	0	0	0	0	0
SUM	0	0	0	0	0	0	1	0
ZZI	0	0	0	0	0	0	0	2
SUM	47	43	42	37	36	32	32	31

*PSYS	IU	CA	BL	SD	AB	FL	DB	DE
*								
*								
*								
*								
*								
*								
*								
COMP								

RLX	6	0	0	0	0	0	0	0
MEI	2	0	0	0	0	0	0	0
VTVZ	0	4	0	0	0	0	0	0
ACC	0	0	0	0	1	0	0	0
1X2	1	0	0	0	0	0	0	0
VOB	0	0	0	0	0	0	1	0
XXX	0	0	0	3	0	0	0	1
1XZ	6	1	0	0	0	0	0	0
PS	2	0	0	0	0	0	0	0
CRD	0	0	0	0	5	0	0	0
MOT	0	0	0	0	1	0	0	0
PMPZ	0	0	1	0	3	0	0	0
TK	0	1	0	0	0	3	0	4
ISVZ	0	0	0	0	0	0	24	1
LOR	1	0	0	0	0	0	0	0
DR	0	0	0	0	0	0	8	0
PNA	0	0	0	0	0	0	7	0
LCVZ	0	0	0	0	0	1	0	0
SUM	31	28	23	23	17	16	15	15

*PSYS	FD	CL	AH	IP	BS	FR	HK	IJ
*								

*PSYS * * * * * * * COMP	FD	CL	AH	IP	BS	FR	HK	IJ
ZS	0	0	0	1	0	0	0	0
ZI	0	0	0	4	0	0	0	0
TW	0	0	0	0	0	0	0	1
ACC	0	0	0	0	5	0	0	0
COND	5	0	0	0	0	0	0	0
VOB	0	0	0	0	0	2	0	0
XXX	0	0	0	2	0	1	1	0
CCD	0	0	0	1	0	0	0	0
2X4	0	0	0	0	0	2	0	0
PMPZ	0	1	0	0	0	0	0	0
ISVZ	0	0	0	0	1	2	0	0
SUM	15	15	15	14	14	14	13	13

*PSYS * * * * * * COMP	KF	IL	BF	BA	WA	IS	IW	SA
MEI	1	0	0	0	0	0	0	0
SMP	0	0	0	0	0	0	0	3
DSL	0	0	0	2	0	0	0	0
1X2	0	0	1	5	0	0	1	0
BRG	0	0	1	0	0	0	0	0
XXX	1	0	0	6	2	0	0	3
1XZ	2	7	2	2	0	0	3	0
MOT	0	0	1	0	0	0	0	0
FU	0	0	0	0	0	0	7	0
APD	0	4	0	0	0	0	0	0
PMPZ	2	0	1	6	0	0	0	0
MSC	0	4	0	0	0	0	0	0

PSYS
COMP

KF IL BF BA WA IS IW SA

TRB	0	0	0	4	0	0	0	0
PMPB	0	0	1	0	0	0	0	0
TK	1	0	0	0	0	0	0	0
ISVZ	0	0	0	1	2	0	0	0
LR	0	1	0	0	0	0	0	0
LOR	0	0	0	0	0	0	6	0
SEAL	0	0	1	0	0	0	0	0
RI	0	37	0	0	0	0	0	0
SHFT	0	0	1	0	0	0	0	0
SUM	12	11	11	11	10	10	9	9

*PSYS	SC	BC	FB	AF	WC	HA	PR	PT
*								
*								
*								
*								
*								
*								
*								
COMP								

PUZ	0	0	0	0	0	0	6	45
PZR	0	0	0	7	0	0	0	0
COND	0	0	1	0	0	0	0	0
XXX	1	1	0	0	2	3	0	0
PLO	0	0	0	0	0	0	0	23
RVZ	0	0	0	0	1	0	0	0
TRB	0	1	21	0	0	0	0	0
TK	0	0	0	0	1	0	0	0
ISVZ	0	0	2	0	1	0	0	0
SEAL	0	0	0	0	2	0	0	0
PNO	0	0	0	0	0	0	0	3
SUM	8	8	8	7	7	7	7	7

*PSYS	HD	CK	ED	FK	KP	FI	WK	EC
*								
*								
*								
*								
*								
*								
*								
COMP								

PSYS COMP	HD	CK	ED	FK	KP	FI	WK	EC
BUS	0	0	6	0	0	0	0	0
52	0	0	2	0	0	0	0	10
SMP	0	0	0	0	0	0	4	0
ACC	0	1	0	0	0	0	0	0
COND	0	0	0	0	0	1	0	0
1X2	2	1	0	0	0	0	0	0
SEP	0	0	0	1	0	0	0	0
XXX	4	8	0	0	0	18	0	0
1XZ	0	0	0	0	0	1	0	0
MOT	0	1	0	0	1	0	0	0
FU	0	0	5	0	0	0	0	2
PMPZ	0	0	0	0	1	11	0	0
GBM	0	1	0	0	0	0	0	0
HTRE	1	0	0	0	0	0	0	0
TRB	0	0	0	0	0	8	0	0
TK	0	0	0	0	0	1	0	0
ISVZ	0	1	0	0	0	0	0	0
INV	0	0	5	0	0	0	0	0
SUM	7	7	7	7	7	7	6	6

*PSYS	II	AI	SUM
*			
*			
*			
*			
*			
*			
*			
*			
COMP			
ZS	0	0	357
ZZA	0	0	146
PUZ	0	0	139
ZI	0	0	111
RLX	0	0	63
BUS	0	0	61
PZR	0	0	59
IA	0	0	42
MEI	0	0	42

PSYS.
comp

II AI Sum

VTVZ	0	0	42
RA	0	0	41
TW	0	0	37
52	0	0	36
SMP	0	0	35
NA	0	0	34
DSL	0	0	33
ACC	0	0	24
PT	0	0	21
COND	0	0	21
1X2	0	0	20
LA	0	0	20
SEP	0	0	20
BRG	0	0	19
VOB	0	0	18
XXX	0	3	17
1XZ	2	0	16
CCD	0	0	14
PC	0	0	14
PLO	0	0	14
PS	0	0	14
CRD	0	0	14
2X4	0	0	14
FA	0	0	12
MOT	1	0	12
FU	0	0	12
APD	0	0	11
RVZ	0	0	11
PMPZ	1	3	10
MSC	1	0	10
TA	0	0	10
GBM	0	0	10

100

~~PSYS~~
 comp

II AI Sum

HTRE	0	0	9
TRB	0	0	9
PMPB	0	0	9
CVZ	0	0	8
TK	0	0	8
ISVZ	0	0	8
LR	0	0	8
INV	0	0	8
LOR	0	0	8
SEAL	0	0	7
RI	0	0	7
ARLY	0	0	7
XPWT	0	0	7
DMP	0	0	7
DR	0	0	7
CRA	0	0	6
PNO	0	0	6
FLA	0	0	6
SUM	0	0	6
ZA	0	0	6
ZZI	0	0	6
TBG	0	0	6
PNA	0	0	6
SHFT	0	0	6
LCVZ	0	0	6
SUM	6	6	2039

100

Enclosure 13
07-654a-91

System (PSYS) vs. Component (COMP) for steps preceeding Loss of Inverter or Uninterruptible Power Supply (411 LERS)

ONLY PSYS CODES USED MORE THAN 5 TIMES WILL BE LISTED
 ONLY COMP CODES USED MORE THAN 5 TIMES WILL BE LISTED
 CAUTION--THE HORIZONTAL AND VERTICAL "SUMS" ARE FOR ALL USES OF THE CODES
 FIELD:PSYS HAS 55 UNIQUE VALUES
 FIELD:COMP HAS 121 UNIQUE VALUES

*PSYS * * * * * * * * COMP	ED	IZ	EN	EE	EC	HF	PD	KF
FU	104	0	0	9	7	0	0	0
CL	1	3	0	1	0	0	0	0
72	0	0	0	25	0	0	0	0
52	37	0	0	0	12	0	0	0
DR	0	1	0	0	0	0	0	0
BUS	8	0	0	19	8	0	0	0
CCD	41	13	0	4	1	0	0	0
PCP	0	0	0	0	0	0	11	0
DIO	12	1	0	0	0	0	0	0
XVCT	10	1	0	0	1	0	0	0
JBX	0	0	0	0	2	0	0	0
RLZ	1	2	0	0	0	0	0	0
CBL	16	1	0	4	5	0	0	0
PZ	0	0	0	0	0	0	23	0
INV	27	0	0	0	0	0	0	0
EC	0	7	0	0	0	0	0	0
FS	0	1	0	0	0	0	0	0
PUZ	0	0	0	0	0	0	6	0
JX	9	0	0	3	0	0	0	0
OSL	5	0	0	0	0	0	0	0
RSSR	11	1	0	0	0	0	0	0
BD	1	0	0	4	4	0	0	0
OCR	5	0	0	3	0	0	0	0

PSYS
COMP

ED IZ EN EE EC HF PD KF

ZZZ	1	0	0	0	0	0	0	0
ISL	3	0	0	0	2	0	0	1
FAS	1	0	1	0	0	0	0	0
CND	0	0	1	0	0	0	0	0
FCU	0	0	0	0	0	2	0	0
BY	0	0	0	22	0	0	0	0
MCC	0	0	0	0	3	0	0	0
MSC	17	0	0	0	0	0	0	0
XFMR	6	0	0	0	0	0	0	0
MXZ	0	0	0	0	0	1	0	0
IFLT	0	3	0	0	0	0	0	0
AMP	0	6	0	0	0	0	0	0
GE	0	2	0	0	0	0	0	0
CON	11	3	0	0	2	0	0	0
SUM	436	147	78	75	55	40	32	31

*PSYS	IC	PZ	PO	PI	EA	PF	SF	IA
*								
*								
*								
*								
*								
*								
*								
COMP								
52	0	0	0	0	1	0	0	0
CCD	1	0	0	0	0	0	0	0
PCP	0	0	0	3	0	22	0	0
PZ	0	16	0	3	0	0	0	0
PUZ	0	3	11	4	0	0	0	0
PNO	0	0	11	0	0	0	0	0
BD	1	0	0	0	0	0	0	0
XXX	0	0	0	0	6	0	0	0
MXZ	0	0	0	0	1	0	1	0
SUM	24	22	19	19	11	11	10	8

*PSYS	IX	IW	PM	XX	HA	PA		
*								
*								
*								
*								

PSYS, IX IW PM XX HA PA Sum

COMP	IX	IW	PM	XX	HA	PA	Sum
FU	0	0	0	0	0	0	121
CL	0	0	0	0	0	0	121
72	0	0	0	0	0	0	61
52	0	0	0	0	0	0	56
DR	0	0	0	0	0	0	45
BUS	0	0	0	0	0	0	45
CCD	0	0	0	0	0	0	45
PCP	0	0	6	0	0	0	45
DIO	0	0	0	0	0	0	30
XVCT	0	0	0	0	0	0	27
JBX	0	0	0	0	0	0	27
RLZ	0	2	0	0	0	0	25
CBL	0	2	0	0	0	0	22
PZ	0	0	0	0	0	0	21
INV	0	0	0	0	0	0	16
EC	0	0	0	0	0	0	15
FS	0	0	0	0	0	0	14
PUZ	0	0	64	0	0	4	14
PNO	0	0	3	0	0	0	13
JX	0	0	0	0	0	0	12
OSL	0	0	0	0	0	0	12
RSSR	0	0	0	0	0	0	11
BD	0	0	0	0	0	0	10
OCR	0	0	0	0	0	0	10
ZZZ	0	0	0	0	2	0	9
ISL	0	0	0	0	0	0	9
FAS	0	0	0	0	0	0	8
CND	0	0	0	0	0	0	8
FCU	0	0	0	0	0	0	8
BY	0	0	0	0	0	0	8

<u>PSYS,</u> COMP	IX	IW	PM	XX	HA	PA	Sum
MCC	0	0	0	0	0	0	8
XXX	0	0	0	0	0	0	7
MSC	0	1	0	0	0	0	7
XFMR	0	0	0	0	0	0	7
MXZ	0	0	0	0	0	0	6
IFLT	0	0	0	0	0	0	6
AMP	0	1	0	0	0	0	6
GE	0	0	0	0	0	0	6
CON	0	0	0	0	0	0	6
SUM	7	7	6	6	6	6	1056

10

System (PSYS) vs. Component (COMP) for steps following Loss of Inverter or Uninterruptible Power Supply (411 LERs)

ONLY PSYS CODES USED MORE THAN 5 TIMES WILL BE LISTED
ONLY COMP CODES USED MORE THAN 5 TIMES WILL BE LISTED
CAUTION--THE HORIZONTAL AND VERTICAL "SUMS" ARE FOR ALL USES OF THE CODES
FIELD:PSYS HAS 81 UNIQUE VALUES
FIELD:COMP HAS 182 UNIQUE VALUES

*PSYS * * * * * * * * * COMP	XX	ED	HC	FB	IT	IK	IL	IZ
BUS	0	194	0	0	0	0	0	0
PMPZ	0	0	0	0	0	0	0	0
TRB	0	0	0	24	0	0	0	0
1XZ	0	13	0	0	0	3	1	3
PE	0	0	0	0	0	0	1	0
NS	0	0	0	0	0	2	0	0
NE	0	0	0	0	0	7	0	0
NI	0	0	0	0	0	54	0	0
XXX	0	3	0	0	4	0	0	1
FU	0	23	0	0	0	3	1	8
LC	0	0	0	0	15	0	0	5
LI	0	0	0	0	16	0	1	8
SC	0	0	0	0	10	0	0	2
RLZ	0	0	0	0	0	0	1	7
FR	0	0	0	0	1	0	0	0
RI	0	0	0	0	0	0	14	0
INV	0	28	0	0	0	0	0	0
52	0	50	0	0	0	0	0	0
BD	0	44	0	0	0	0	0	3
1X2	0	1	1	0	0	0	1	0
BIS	0	0	0	0	0	6	9	4
ISVZ	0	0	0	2	0	0	0	0
CAP	0	0	0	0	0	1	0	0

PSYS

COMP

XX

ED

HC

FB

IT

IK

IL

IZ

INL	0	0	0	0	0	1	0	1
PC	0	0	0	0	0	0	0	2
RK	0	1	0	0	0	0	0	0
PI	0	0	0	0	0	0	5	14
ZZI	0	0	0	0	1	0	0	1
RLX	0	1	0	0	0	0	1	4
FT	0	0	0	0	3	0	2	3
FI	0	0	0	0	6	0	0	6
PS	0	0	0	0	0	0	0	2
SPP	0	0	0	0	0	0	1	0
PT	0	0	0	0	3	0	2	13
LOR	0	0	0	0	1	0	0	3
CPU	0	0	0	0	0	0	1	0
RECT	0	1	0	0	0	0	0	0
2X3	0	1	0	0	0	0	0	0
ZI	0	0	0	0	3	0	0	8
PCVZ	0	0	0	1	0	0	0	0
TI	0	0	0	0	0	2	0	11
VOC	0	0	0	3	0	0	0	0
FC	0	0	0	0	6	0	0	9
AMP	0	0	0	0	0	0	0	2
SCVZ	0	0	0	2	0	0	0	0
SUM	756	390	168	161	149	86	77	75

*PSYS

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*
*
COMP

FF

EE

IN

AB

IU

IW

BK

FI

BUS	0	7	0	0	0	0	0	0
PMPZ	0	0	1	1	0	0	7	32
FE	0	0	0	0	0	1	0	0
TRB	0	0	0	0	0	0	0	17
1XZ	0	0	0	0	13	13	5	5

PSYS
Comp

FF EE IN AB IU IW BK FI

MOT	0	0	0	1	0	0	4	6
XXX	1	0	0	1	2	1	3	37
VOZ	3	0	0	1	0	0	4	15
FU	0	0	0	0	1	1	0	0
LC	0	0	0	0	1	0	0	0
LI	0	0	0	0	10	31	0	0
FCVZ	0	0	0	0	0	0	3	26
RLZ	0	0	4	0	1	7	0	0
RI	0	0	29	0	0	0	0	0
VOB	2	0	0	0	0	0	1	0
1X3	0	0	0	0	1	0	0	2
PMPB	0	0	0	0	0	0	2	0
1X2	0	0	0	0	1	1	0	0
BIS	0	0	0	0	3	5	0	0
ISVZ	0	0	0	1	0	0	10	0
72	0	6	0	0	0	0	0	0
CAP	0	2	0	0	0	0	0	0
TK	0	0	0	1	0	0	4	0
INL	0	0	1	0	2	4	0	0
PI	0	0	0	0	4	23	0	0
ZZI	0	0	0	0	3	4	0	0
BYVZ	6	0	0	0	0	0	0	2
RLX	0	0	0	0	3	4	0	0
RVZ	0	0	0	0	0	0	0	1
FT	0	0	0	0	0	1	0	0
OCR	0	1	0	0	0	0	0	0
FI	0	0	0	0	4	7	0	0
PS	0	0	0	0	0	6	0	0
CRD	0	0	0	2	0	0	0	0
PT	0	0	0	0	0	9	0	0
LOR	0	0	0	0	3	3	0	0
CPU	0	0	0	0	1	1	0	0

PSYS
COMP.

FF EE IN AB IV IW BK FI

RECT	0	2	0	0	0	0	0	0
2X3	0	0	0	0	1	1	0	0
ZI	0	0	0	0	8	0	0	0
PCVZ	3	0	0	0	0	0	1	0
SEAL	0	0	0	0	0	0	1	0
FC	0	0	0	0	0	1	0	0
AMP	0	0	0	0	1	0	0	0
SCVZ	0	0	0	0	0	0	0	1
VOD	3	0	0	0	0	0	0	3
SUM	73	49	47	44	42	40	40	39

*PSYS	PO	AH	II	EH	AE	EB	HD	IG
*								
*								
*								
*								
*								
*								
*								
COMP								

BUS	0	0	0	0	0	3	0	0
PMPZ	0	0	0	0	6	0	0	0
1XZ	0	0	0	2	4	0	0	0
MOT	0	0	0	0	4	0	0	0
PUZ	12	0	0	0	0	0	0	0
SG	0	39	0	0	0	0	0	0
XXX	0	0	2	0	24	0	0	2
SC	0	0	1	0	0	0	0	0
JC	0	0	1	0	0	0	0	0
RLZ	0	0	1	0	0	0	0	0
FR	0	0	2	0	0	0	0	0
1X3	0	0	0	4	0	0	0	0
52	0	0	0	0	0	6	0	0
1X2	0	0	0	4	0	0	2	0
FAN	0	0	0	0	0	0	2	0
PLO	32	0	0	0	0	0	0	0
PC	0	0	4	0	0	0	0	0
PI	0	0	4	0	0	0	0	0

PSYS
Comp

PO AH II EIT AE EB HD IG

ZZI	0	0	0	0	0	0	0	1
RLX	0	0	2	0	0	0	0	0
DSL	0	0	0	9	0	0	0	0
PS	0	0	1	0	0	0	0	0
PT	0	0	2	0	0	0	0	0
LOR	0	0	2	0	0	0	0	0
SOL	0	0	1	0	0	0	0	0
PIZZ	0	0	0	0	1	0	0	0
SUM	39	36	36	35	32	32	32	27

*PSYS	AF	CA	PM	DB	IB	SA	IX	BD
*								
*								
*								
*								
*								
*								
*								
COMP								

1XZ	0	0	0	0	0	0	2	0
PUZ	0	0	22	0	0	0	0	0
XXX	0	0	0	0	0	2	0	0
VOZ	1	0	0	9	0	0	0	0
FCVZ	4	0	0	0	0	0	0	0
HTRE	7	0	0	0	0	0	0	0
VOB	1	0	0	1	0	0	0	0
PZR	18	0	0	0	0	0	0	0
ORVZ	9	0	0	0	0	0	0	0
BIS	0	0	0	0	0	0	2	0
ISVZ	0	1	0	24	0	0	0	2
PLO	0	0	3	0	0	0	0	0
TK	0	0	0	0	0	0	0	3
PI	0	0	0	0	0	0	1	0
RLX	0	0	0	0	0	0	1	0
CPU	0	0	0	0	10	0	0	0
2X3	0	0	0	0	0	0	1	0
ZI	0	0	0	0	0	0	1	0

PSYS
COMP 6 0

AF CA PM DB IB SA IX BD

TI	0	0	0	0	1	0	0	0
SOL	0	1	0	0	0	0	0	0
VOD	0	0	0	2	0	0	0	0
SUM	26	26	22	22	21	18	17	16

*PSYS	BF	BN	YY	BP	HH	AA	KT	DE
*								
*								
*								
*								
*								
*								
*								
COMP								

PMPZ	13	5	0	0	0	0	1	2
TRB	0	3	0	0	0	0	0	0
1XZ	6	0	0	0	1	0	0	0
MOT	1	0	0	0	0	0	1	1
XXX	23	24	0	0	1	0	1	2
VOZ	1	0	0	0	0	0	1	0
FCVZ	2	0	0	0	0	0	0	0
VOB	5	0	0	0	0	0	0	0
1X2	2	0	0	0	1	0	0	0
ORVZ	0	0	0	7	0	0	0	0
ISVZ	18	0	0	0	0	0	1	0
CRA	0	0	0	0	0	1	0	0
RVZ	0	0	0	7	0	0	0	0
FLA	0	0	0	0	0	2	0	0
SEAL	1	0	0	0	0	0	0	0
SUM	15	15	12	12	12	11	11	10

*PSYS	BA	HF	IP	FA	HA	FR	Sum
*							
*							
*							
*							
*							
*							
*							
COMP							
BUS	0	0	0	0	0	0	212
PMPZ	9	0	0	0	0	4	180
FE	0	0	0	0	0	0	133

PSYS
Comp 5

BA HF IP FA HA FR Sum

TRB	3	0	0	0	0	0	96
1XZ	7	0	0	0	0	0	95
MOT	2	0	0	0	0	3	75
PE	0	0	0	0	0	0	68
NS	0	0	0	0	0	0	66
NE	0	0	0	0	0	0	55
NI	0	0	0	0	0	0	54
PUZ	0	0	0	0	0	0	51
SG	0	0	0	0	0	0	49
XXX	2	1	0	5	0	3	43
VOZ	4	0	0	0	0	0	42
FU	0	0	0	0	0	0	40
LC	0	0	0	0	0	0	40
LI	0	0	0	0	0	0	40
FCVZ	4	0	0	0	0	0	39
SC	0	0	0	0	0	0	36
HTRE	0	0	0	0	0	0	35
JC	0	0	0	0	0	0	29
RLZ	0	0	0	0	0	0	29
FR	0	0	0	0	0	0	28
RI	0	0	0	0	0	0	27
VOB	1	0	0	0	0	0	27
SNB	4	0	0	0	0	0	26
1X3	0	0	0	0	0	0	25
PMPB	0	0	0	0	0	0	25
SHFT	1	0	0	0	0	0	24
INV	0	0	0	0	0	0	23
52	0	0	0	0	0	0	22
BD	0	0	0	0	0	0	21
PZR	0	0	0	0	0	0	21
1X2	1	0	0	0	0	0	19
ORVZ	0	0	0	0	0	0	18

100

PSYS COMP	BA	HF	IP	FA	HA	FR	Sum
BIS	0	0	0	0	0	0	17
ISVZ	2	0	0	0	0	0	17
FAN	0	1	0	0	0	0	17
72	0	0	0	0	0	0	16
CAP	0	0	0	0	0	0	15
CRA	0	0	0	0	0	0	15
PLO	0	0	0	0	0	0	14
TK	0	0	0	0	0	0	14
INL	0	0	0	0	0	0	14
PC	0	0	0	0	0	0	13
RK	0	0	0	0	0	0	13
PI	0	0	0	0	0	0	12
ZZI	0	0	2	0	0	0	12
BYVZ	0	0	0	1	0	0	12
RLX	0	0	0	0	0	0	10
RVZ	0	0	0	0	0	0	10
DSL	0	0	0	0	0	0	10
FT	0	0	0	0	0	0	9
OCR	0	0	0	0	0	0	9
FI	0	0	0	0	0	0	9
PS	0	0	0	0	0	0	9
SPP	0	0	0	0	0	0	9
CRD	0	0	0	0	0	0	9
PT	0	0	0	0	0	0	9
FLA	0	0	0	0	0	0	9
FCU	0	0	0	0	2	0	9
LOR	0	0	0	0	0	0	9
CPU	0	0	1	0	0	0	8
RECT	0	0	0	0	0	0	8
2X3	0	0	0	0	0	0	8
ZI	0	0	2	0	0	0	7
PCVZ	0	0	0	0	0	0	7
TI	0	0	3	0	0	0	7

100

~~PSYS~~
~~Comp~~

BA HF IP FA HA FR Sum

SOL	0	0	0	0	0	0	7
SEAL	0	0	0	0	0	0	7
VOC	0	0	0	0	0	0	7
FC	0	0	0	0	0	0	6
AMP	0	0	0	0	0	0	6
SCVZ	1	0	0	0	0	0	6
PIZZ	1	0	0	0	0	0	6
VOD	0	0	0	0	0	0	6
SUM	10	8	6	6	6	6	2813

