

Microsoft Excel - ADDITIONAL SER UNIT-II

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ADDITIONAL SER POINTS TO INCLUDE IN DDCMIS

SR NO	TAG NUMBER	DESCRIPTION	REMARKS	TO	TURBINENODE	CHANNEL	FROM	CHANNEL
1	2LAB01CG501	BFP-1 SUCTION VLV CLOSE	1	SED-01	1	CH15	DI1	CH14
2	2LAC10CT582,583	BFP-1 PUMP BRNG TEMP V HI						
3	2LAC10CT108,109	BFP-1 PUMP MOTOR BRNG TEMP V HI						
4	2LAC10CT562,563,564	BFP-1 SEAL WATER TEMP V HI	1	SED12	3	CH1	DO-03	CH4
5	2LAC10CF003	BFP-1 FLOW LO	1	SED12	3	CH2	DO-03	CH5
6	2LAC10CT110,111	BFP-1 MOTOR HOT/COLD AIR TEMP V HI	1	SED12	3	CH3	DO-03	CH6
7	2LAC10CQ010	BFP-1 CONDUCTIVITY V HI	1	SED12	3	CH4	DO-03	CH7
8	2LAB02CG501	BFP-2 SUCTION VLV CLOSE	1	SED01	2	CH1	DI1	CH14
9	2LAC20CT582,583	BFP-2 PUMP BRNG TEMP V HI						
10	2LAC20CT108,109	BFP-2 PUMP MOTOR BRNG TEMP V HI						
11	2LAC20CT562,563,564	BFP-2 SEAL WATER TEMP V HI	1	SED01	2	CH2	DO-03	CH1
12	2LAC20CF003	BFP-2 FLOW LO	1	SED12	3	CH5	DO-03	CH9
13	2LAC20CT110,111	BFP-2 MOTOR HOT/COLD AIR TEMP V HI	1	SED12	3	CH6	DO-03	CH10
14	2LAC20CQ010	BFP-2 CONDUCTIVITY V HI	1	SED01	2	CH6	DO-03	CH11
15	2LAB03CG501	BFP-3 SUCTION VLV CLOSE	1	SED12	3	CH8	DI1	CH13
16	2LAC30CT582,583	BFP-3 PUMP BRNG TEMP V HI						
17	2LAC30CT108,109	BFP-3 PUMP MOTOR BRNG TEMP V HI						
18	2LAC30CT562,563,564	BFP-3 SEAL WATER TEMP V HI	1	SED12	3	CH9	DO-03	CH12
19	2LAC30CF003	BFP-3 FLOW LO	1	SED12	3	CH10	DO-03	CH13
20	2LAC30CT110,111	BFP-3 MOTOR HOT/COLD AIR TEMP V HI	1	SED12	3	CH11	DO-03	CH14
21	2LAC30CQ010	BFP-3 CONDUCTIVITY V HI	1	SED12	3	CH12	DO-03	CH15
22	2LAC01AA101	CEP-1 SUCTION VLV CLOSE						
23	2LAC05AA101	CEP-1 DELEVERY VLV CLOSE	1	SED01	2	CH4	DO-03	CH2
24	2LCB10CT002	CEP-1 THURST BRNG TEMP V HI	1	SED-01	1	CH16	DI2	CH9
25	2LAC02AA101	CEP-2 SUCTION VLV CLOSE						
26	2LAC06AA101	CEP-2 DELEVERY VLV CLOSE	1	SED01	2	CH5	DO-03	CH3
27	2LCB20CT002	CEP-2 THURST BRNG TEMP V HI	1	SED01	2	CH3	DI2	CH9
28	2LAC03AA101	CEP-3 SUCTION VLV CLOSE						
29	2LAC07AA101	CEP-3 DELEVERY VLV CLOSE	1	SED01	2	CH15	DO-03	CH4
30	2LCB30CT002	CEP-3 THURST BRNG TEMP V HI	1	SED12	3	CH16	DI2	CH9
31	PA A TRIP	PA A TRIP		SET01	B1	CH11	DO-04	CH1
32	SA A TRIP	SA A TRIP		SET01	B1	CH12	DO-04	CH2
33	ID A TRIP	ID A TRIP		SET01	B1	CH13	DO-04	CH3
34	SA B TRIP	SA B TRIP		SET01	B2	CH10	DO-04	CH9
35	ID B TRIP	ID B TRIP		SET01	B2	CH9	DO-04	CH10
36	PA B TRIP	PA B TRIP		SET01	B2	CH11	DO-04	CH11
37	BFP A TRIP	BFP A TRIP		SED01	T1	CH13	DO-20	CH15
38	BFP B TRIP	BFP B TRIP		SED10	T3	CH15	DO10	CH11
39	BFP C TRIP	BFP C TRIP		SED10	T3	CH16	DO10	CH12
40	CEP A TRIP	CEP A TRIP		SED10	T3	CH12	DO10	CH6
41	CEP B TRIP	CEP B TRIP		SED10	T3	CH13	DO10	CH14
42	CEP C TRIP	CEP C TRIP		SED10	T3	CH14	DO10	CH15
43	2LAC10CT620-8A	2LAC10CT620-8A		SED10	T3	CH9	DO-03	CH1
44	2LAC20CT620-8A	2LAC20CT620-8A		SED10	T3	CH10	DO-03	CH2
45	2LAC30CT620-8A	2LAC30CT620-8A		SED10	T3	CH11	DO-03	CH3

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SL NO	NAME	DESCRIPTION	NODE	FROM	CHANN	TO	CHANNE	LIMIT	
1	DRUM LVL V HI	DRUM LVL V HI	3	DO-17	CH1	SED-7	CH1	250	
2	DRUM LVL V LO	DRUM LVL V LO	3	DO-17	CH2	SED-7	CH2	250	
3	T WNDG FA A HI	T WNDG FA A HI	3	DO-17	CH3	SED-7	CH3	130	
4	T WNDG FA B HI	T WNDG FA B HI	3	DO-17	CH4	SED-7	CH4	130	
5	T WNDG FA C HI	T WNDG FA C HI	3	DO-17	CH5	SED-7	CH5	130	
6	PA A WNDG T HI	PA FAN A WINDG TEMP HI	3	DO-17	CH6	SED-7	CH6		
7	PA A BERN T HI	PA FAN A BEARING TEMP HI	3	DO-17	CH7	SED-7	CH7		
8	PA B WNGN T HI	PA FAN B WINDG TEMP HIGH	3	DO-17	CH9	SED-7	CH8		
9	PA B BERN T HI	PA FAN B BEARING TEMP HIGH	3	DO-17	CH10	SED-7	CH9		
10	SA A WNDG T HI	SA FAN A WINDING TEMP HIGH	3	DO-17	CH11	SED-7	CH10		
11	SA A BERN T HI	SA FAN A BEARING TEMP HI	3	DO-17	CH12	SED-7	CH11		
12	SA B WNDG T HI	SA FAN B WINDING TEMP HIGH	3	DO-17	CH13	SED-7	CH12		
13	SA B BERN T HI	SA FAN B BEARING TEMP HIGH	3	DO-17	CH14	SED-7	CH13		
14	ID A W/B T HI	ID A W/B T HI	3	DO-17	CH15	SED-7	CH14		
15	ID A H/L TR	ID A HYD/LUB SYS TROUB	3	DO-18	CH1	SED-7	CH15 FLOW&PR.		
16	ID B W/B T HI	ID B WNDG/BEARING T HI	3	DO-18	CH2	SED-7	CH16		
17	ID B H/L TR	ID B HYD/LUB SYS TROUBLE	3	DO-18	CH-3	SED-8	CH-1 FLOW&PR.		
18	SEED ID A/B HI	SPEED ID FAN A/B LOW	3	DO-18	CH-4	SED-8	CH-2	300	
19	1MAN10CT101-102-S	T AFTR BYP VLV HI/V HI	3	DO-18	CH-5	SED-8	CH-3		PRESENT AS DIGITAL INPUTS
20	1MAN20CT101-102-S	T AFTR BYP VLV HIGH/V HI	3	DO-18	CH-6	SED-8	CH-4		
21	2LBA10CP900-2-S	MAIN STEAM PRESSURE HIGH	3	DO-18	CH-7	SED-8	CH-5	180	
22	2LBA10CP900-2-S	MAIN STEAM PRESSURE LOW	3	DO-18	CH-9	SED-8	CH-6	35	DO-14
23	2LBA10CT900-2-S	MAIN STEAM TEMP HIGH	3	DO-18	CH-10	SED-8	CH-7	550	14
24	2LBA10CT900-2-S	MAIN STEAM TEMP LOW	3	DO-18	CH-11	SED-8	CH-8	400	
25	2LBB10CP001-2-S	HRH STEAM PRESSURE HIGH	3	DO-18	CH-12	SED-8	CH-9	45	
26	2LBB10CP001-2-S	HRH STEAM PRESSURE LOW	3	DO-18	CH-13	SED-8	CH-10	5	TO BE PUT
27	2LBB10CT001-2-S	HRH STEAM TEMP HIGH	3	DO-18	CH-14	SED-8	CH-11	550	
28	2LBB10CP001-2/S	HRH STEAM TEMP LOW	3	DO-18	CH-15	SED-8	CH-12	400	
29	2LBC10CP001-S	CRH STEAM PRESSURE LOW	3	DO-19	CH-1	SED-8	CH-13	5	
30	2LBC10CT001-S	CRH STEAM TEMP LOW	3	DO-19	CH-2	SED-8	CH-14	400	
31	2LBG10CP001-2-S	AUX STEAM HEADER PR V HI	3	DO-19	CH-3	SED-8	CH-15	18	
32	2LBG10CP001-2-S	AUX STEAM PRESSURE LOW	3	DO-19	CH-4	SED-8	CH-16	10	
33	2LBG10CT001-2-S	AUX STEAM HEADER TEMP V HI	3	DO-19	CH-5	SED-9	CH-1	275	
34	2LBG10CT001-2-S	AUXILIARY STEAM TEMP LOW	3	DO-19	CH-6	SED-9	CH-2	130	DO-14



Microsoft Excel - ANALOG SER UNIT-II

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C48 CEP-1 PUMP THRUST BEARING TEMP HIGH

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
22	22	2LBA10CP900/2-S	MAIN STEAM PRESSURE LOW	3	DO-18	CH-9	SED-8	CH-6	35	DO-14		14					
23	23	2LBA10CT900/2-S	MAIN STEAM TEMP HIGH	3	DO-18	CH-10	SED-8	CH-7	550								
24	24	2LBA10CT900/2-S	MAIN STEAM TEMP LOW	3	DO-18	CH-11	SED-8	CH-8	400								
25	25	2LBB10CP001/2-S	HRH STEAM PRESSURE HIGH	3	DO-18	CH-12	SED-8	CH-9	45								
26	26	2LBB10CP001/2-S	HRH STEAM PRESSURE LOW	3	DO-18	CH-13	SED-8	CH-10	5	TO BE PUT							
27	27	2LBB10CT001/2-S	HRH STEAM TEMP HIGH	3	DO-18	CH-14	SED-8	CH-11	550								
28	28	2LBB10CP001/2-S	HRH STEAM TEMP LOW	3	DO-18	CH-15	SED-8	CH-12	400								
29	29	2LBC10CP001-S	CRH STEAM PRESSURE LOW	3	DO-19	CH-1	SED-8	CH-13	5								
30	30	2LBC10CT001-S	CRH STEAM TEMP LOW	3	DO-19	CH-2	SED-8	CH-14	400								
31	31	2LBG10CP001/2-S	AUX STEAM HEADER PR V HI	3	DO-19	CH-3	SED-8	CH-15	18								
32	32	2LBG10CP001/2-S	AUX STEAM PRESSURE LOW	3	DO-19	CH-4	SED-8	CH-16	10								
33	33	2LBG10CT001/2-S	AUX STEAM HEADER TEMP V HI	3	DO-19	CH-5	SED-9	CH-1	275								
34	34	2LBG10CT001/2-S	AUXILIARY STEAM TEMP LOW	3	DO-19	CH-6	SED-9	CH-2	130	DO-14		15					
35	35	PRDS TRIP	PRDS TRIP	3	DO-19	CH-7	SED-9	CH-3									
36	36	2LAC10CF003-S	FWP1 DISCHARGE FLOW LO	3	DO-19	CH-9	SED-9	CH-4									
37	37	2LAC20CF003-S	FWP2 DISCHARGE FLOW LOW	3	DO-19	CH-10	SED-9	CH-5									
38	38	2LAC30CF004-S	FWP3 DISCHARGE FLOW LOW	3	DO-19	CH-11	SED-9	CH-6									
39	39	2LAC10CT100-5-S	BFP1 MOTOR WNDG TEMP HIGH	3	DO-19	CH-12	SED-9	CH-7									
40	40	2LAC10CT107-S	BFP1 MOTOR BEARING TEMP V HIGH	3	DO-19	CH-13	SED-9	CH-8									
41	41	2LAC20CT100-5-S	BFP2 MOTOR WNDG TEMP HIGH	3	DO-19	CH-14	SED-9	CH-9									
42	42	2LAC20CT107-S	BFP2 MOTOR BEARING DE NDE V HI	3	DO-19	CH-15	SED-9	CH-10									
43	43	2LAC30CT100-5-S	FWP3 MOTOR WNDG TEMP HI	3	DO-20	CH-1	SED-9	CH-11									
44	44	2LAC30CT107-S	BFP3 MOTOR BRNG TEMP V HIGH	3	DO-20	CH-2	SED-9	CH-12									
45	45	2LCB10CT100-5-S	CEP1 WNDG TEMP HIGH	3	DO-20	CH-3	SED-9	CH-13									
46	46	2LCB10CT106-9-S	CEP1 MOTOR BRNG TEMP VERY HIGH	3	DO-20	CH-4	SED-9	CH-14									
47	47	2LCB10CT002-S	CEP-1 PUMP THRUST BEARING TEMP HIGH	3	DO-20	CH-5	SED-9	CH-15									
48	48	2LCB10CT107-S	CEP1 SEAL WATER PR LO/V LO	3	DO-20	CH-6	SED-9	CH-16									
49	49	2LCB20CT100-5-S	CEP2 MOTOR WNDG TEMP HIGH	3	DO-20	CH-7	SED-10	CH-1									
50	50	2LCB20CT006-9-S	CEP2 MOTOR BRNG TEMP HIGH	3	DO-20	CH-9	SED-10	CH-2									
51	51	2LCB20CT002-S	CEP2 PUMP THRUST BEARING TEMP HIGH	3	DO-20	CH-10	SED-10	CH-3									
52	52	2LCB20CT107-S	CEP2 PUMP SEAL WATER PR LO/V LO	3	DO-20	CH-11	SED-10	CH-4									
53	53	2LCB30CT100-5-S	CEP3 MOTOR WNDG TEMP HIGH	3	DO-20	CH-12	SED-10	CH-5									
54	54	2LCB30CT006-9-S	CEP3 MOTOR BRNG TEMP HIGH	3	DO-20	CH-13	SED-10	CH-6									
55	55	2LCB30CT002-S	CEP3 PUMP THRUST BEARING TEMP HIGH	3	DO-20	CH-14	SED-10	CH-7									
56	56	2LCB30CT107-S	CEP3 PUMP SEAL WATER PR LO/V LO	3	DO-20	CH-15	SED-10	CH-8									

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Microsoft Excel - ELECTRICAL SIGNAL SER EXCHANGE

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C80 LP BP OUTLET TEMP HI HI

SI No.	Tag Name	Description	Signal Type	CARD NO	CH N	PANEL	WINDOW	JRCE	PADURCE	TS
147	SOE68XK01	26/ET DIAL THERMOMETER 2ND STAGE TRIP	SER	SED1	1	12CVA36				
147	SOE68XK01	26/ET DIAL THERMOMETER 2ND STAGE TRIP	SER	SED1	2	12CVA36				
148	SOE69XK01	51/ET OVER LOAD TRIP	SER	SED1	2	3 12CVA36	XCHA01	X192	25	
148	SOE69XK01	51/ET OVER LOAD TRIP	SER	SED1	4	12CVA36	XCHA01	X192	25	
149	SOE70XK03	EXCIT. TRANSF. TEMP TRIP	SER	SED1	3	5 12CVA36	XCHA02	X292	18	
149	SOE70XK03	EXCIT. TRANSF. TEMP TRIP	SER	SED1	6	12CVA36	XCHA02	X292	18	
150	SOE68XK02	EXCITATION SYS. SYS 1 TRIP	SER	SED1	4	7 12CVA36	XCHA01	X192	24	
150	SOE68XK02	EXCITATION SYS. SYS 1 TRIP	SER	SED1	8	12CVA36	XCHA01	X192	24	
151	SOE69XK02	EXCITATION SYS. SYS 2 TRIP	SER	SED1	5	9 12CVA36	XCHA02	X292	17	
151	SOE69XK02	EXCITATION SYS. SYS 2 TRIP	SER	SED1	10	12CVA36	XCHA02	X292	17	
152	SOE59XK01	87/UAT UAT DIFFER. TRIP	SER	SED1	6	11 12CVA36	XCHA01	X192	21	
152	SOE59XK01	87/UAT UAT DIFFER. TRIP	SER	SED1	12	12CVA36	XCHA01	X192	21	
153	SOE60XK02	50-51/UAT OVERCURRENT TRIP	SER	SED1	7	13 12CVA36	XCHA01	X192	22	
153	SOE60XK02	50-51/UAT OVERCURRENT TRIP	SER	SED1	14	12CVA36	XCHA01	X192	22	
154	SOE61XK03	97/UAT BUCHHOLZ(TRANSF.) 2ND STAGE TRIP	SER	SED1	8	15 12CVA36	XCHA01	X192	31	
154	SOE61XK03	97/UAT BUCHHOLZ(TRANSF.) 2ND STAGE TRIP	SER	SED1	16	12CVA36	XCHA01	X192	31	
155	SOE62XK04	97/UAT BUCHHOLZ(OLTC) 2ND STAGE TRIP	SER	SED1	9	17 12CVA36	XCHA01	X192	32	
155	SOE62XK04	97/UAT BUCHHOLZ(OLTC) 2ND STAGE TRIP	SER	SED1	18	12CVA36	XCHA01	X192	32	
156	SOE63XK05	49/UAT THERMAL IMAGE 2ND STAGE TRIP	SER	SED1	10	19 12CVA36	XCHA01	X192	34	
156	SOE63XK05	49/UAT THERMAL IMAGE 2ND STAGE TRIP	SER	SED1	20	12CVA36	XCHA01	X192	34	
157	SOE64XK06	26/UAT DIAL THERMOMETER 2ND STAGE TRIP	SER	SED1	11	21 12CVA36	XCHA02	X292	22	
157	SOE64XK06	26/UAT DIAL THERMOMETER 2ND STAGE TRIP	SER	SED1	22	12CVA36	XCHA02	X292	22	
158	SOE65XK07	63/UAT SAFETY VALVE TRIP	SER	SED1	12	23 12CVA36	XCHA01	X192	33	
158	SOE65XK07	63/UAT SAFETY VALVE TRIP	SER	SED1	24	12CVA36	XCHA01	X192	33	
159	SOE66XK08	UAT FIRE FIGHTING SYS. TRIP	SER	SED1	13	25 12CVA36	XCHA02	X292	21	
159	SOE66XK08	UAT FIRE FIGHTING SYS. TRIP	SER	SED1	26	12CVA36	XCHA02	X292	21	
160	SOE67XK10	99/UAT OIL LOW LEVEL 2ND STAGE TRIP	SER	SED1	14	27 12CVA36	XCHA02	X292	23	
160	SOE67XK10	99/UAT OIL LOW LEVEL 2ND STAGE TRIP	SER	SED1	28	12CVA36	XCHA02	X292	23	
161	SOE51XK29	OPERATOR MANUAL TRIP SYS 1(EMERGENCY STOP)	SER	SED2	1	1 12CVA36	XCHA01	X192	26	
161	SOE51XK29	OPERATOR MANUAL TRIP SYS 1(EMERGENCY STOP)	SER	SED2	2	12CVA36	XCHA01	X192	26	
162	SOE52XK30	OPERATOR MANUAL TRIP SYS 2(EMERGENCY STOP)	SER	SED2	2	3 12CVA36	XCHA02	X292	19	
162	SOE52XK30	OPERATOR MANUAL TRIP SYS 2(EMERGENCY STOP)	SER	SED2	4	12CVA36	XCHA02	X292	19	
163	SOE53XK31	86TR/1 LOCKOUT RELAY TRIP	SER	SED2	3	5 12CVA36	XCHA01	X192	35	
163	SOE53XK31	86TR/1 LOCKOUT RELAY TRIP	SER	SED2	6	12CVA36	XCHA01	X192	35	
164	SOE54XK32	86TR/2 LOCKOUT RELAY TRIP	SER	SED2	4	7 12CVA36	XCHA02	X292	28	
164	SOE54XK32	86TR/2 LOCKOUT RELAY TRIP	SER	SED2	8	12CVA36	XCHA02	X292	28	

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
35	163	SOE53XK31	B6TR/1 LOCKOUT RELAY TRIP	SER	SED2		6	12CVA36	XCHA01	X192	35						
36	164	SOE54XK32	B6TR/2 LOCKOUT RELAY TRIP	SER	SED2	4	7	12CVA36	XCHA02	X292	28						
37	164	SOE54XK32	B6TR/2 LOCKOUT RELAY TRIP	SER	SED2		8	12CVA36	XCHA02	X292	28						
38	165	SOE55XK33	B6SS/1 LOCKOUT RELAY TRIP	SER	SED2	5	9	12CVA36	XCHA01	X192	36						
39	165	SOE55XK33	B6SS/1 LOCKOUT RELAY TRIP	SER	SED2	10	12CVA36	XCHA01	X192	X192	36						
40	166	SOE56XK34	B6SS/2 LOCKOUT RELAY TRIP	SER	SED2	6	11	12CVA36	XCHA02	X292	29						
41	166	SOE56XK34	B6SS/2 LOCKOUT RELAY TRIP	SER	SED2	12	12CVA36	XCHA02	X292	X292	29						
42	167	SOE57XK35	220KV BRK. CLOSED	SER	SED2	7	13	12CVA36	220KVGTCBMK	TB2	7,8						
43	167	SOE57XK35	220KV BRK. CLOSED	SER	SED2	14	12CVA36	220KVGTCBMK	T2	8							
44	168	SOE58XK36	220KV BRK. OPEN	SER	SED2	8	15	12CVA36	220KVGTCBMK	TB3	27,28						
45	168	SOE58XK36	220KV BRK. OPEN	SER	SED2	16	12CVA36	220KVGTCBMK	2	28							
46	169	SOE38XK15	SPARE	SER	SED2	9	17	12CVA36									
47	169	SOE38XK15	SPARE	SER	SED2	18	12CVA36										
48	170	SOE39XK16	GT FIRE FIGHTING SYS TRIP	SER	SED2	10	19	12CVA36	XCHA01	X192	27						
49	170	SOE39XK16	GT FIRE FIGHTING SYS TRIP	SER	SED2	20	12CVA36	XCHA01	X192	X192	27						
50	171	SOE40XK17	21G1 UNDER IMPEDANCE 1ST STAGE TRIP	SER	SED2	11	21	12CVA36	XCHA01	X192	10						
51	171	SOE40XK17	21G1 UNDER IMPEDANCE 1ST STAGE TRIP	SER	SED2	22	12CVA36	XCHA01	X192	X192	10						
52	172	SOE41XK18	21G1 UNDER IMPEDANCE 2ND STAGE TRIP	SER	SED2	12	23	12CVA36	XCHA01	X192	11						
53	172	SOE41XK18	21G1 UNDER IMPEDANCE 2ND STAGE TRIP	SER	SED2	24	12CVA36	XCHA01	X192	X192	11						
54	173	SOE42XK19	81G UNDERFREQUENCY 1ST STAGE DELAYED TRIP	SER	SED2	13	25	12CVA36	XCHA01	X192	2						
55	173	SOE42XK19	81G UNDERFREQUENCY 1ST STAGE DELAYED TRIP	SER	SED2	26	12CVA36	XCHA01	X192	X192	2						
56	174	SOE43XK20	81G UNDERFREQUENCY 2ND STAGE TRIP	SER	SED2	14	27	12CVA36	XCHA01	X192	3						
57	174	SOE43XK20	81G UNDERFREQUENCY 2ND STAGE TRIP	SER	SED2	28	12CVA36	XCHA01	X192	X192	3						
58	175	SOE44XK21	81G OVERFREQUENCY 1ST STAGE DELAYED TRIP	SER	SED3	1	1	12CVA36	XCHA01	X192	4						
59	175	SOE44XK21	81G OVERFREQUENCY 1ST STAGE DELAYED TRIP	SER	SED3	2	12CVA36	XCHA01	X192	X192	4						
60	176	SOE45XK22	81G OVERFREQUENCY 2ND STAGE TRIP	SER	SED3	2	3	12CVA36	XCHA01	X192	5						
61	176	SOE45XK22	81G OVERFREQUENCY 2ND STAGE TRIP	SER	SED3	4	12CVA36	XCHA01	X192	X192	5						
62	177	SOE46XK23	99G(24) OVERFLUXING 2ND STAGE INV TIME TRIP	SER	SED3	3	5	12CVA36	XCHA01	X192	6						
63	177	SOE46XK23	99G(24) OVERFLUXING 2ND STAGE INV TIME TRIP	SER	SED3	6	12CVA36	XCHA01	X192	X192	6						
64	178	SOE47XK24	99G(24) OVERFLUXING 2ND STAGE 1ST TIME TRIP	SER	SED3	4	7	12CVA36	XCHA01	X192	7						
65	178	SOE47XK24	99G(24) OVERFLUXING 2ND STAGE 1ST TIME TRIP	SER	SED3	8	12CVA36	XCHA01	X192	X192	7						
66	179	SOE48XK25	GEN. BRK. FAILURE TRIP	SER	SED3	5	9	12CVA36	XCHA01	X192	18						
67	179	SOE48XK25	GEN. BRK. FAILURE TRIP	SER	SED3	10	12CVA36	XCHA01	X192	X192	18						
68	180	SOE49XK26	UNDER IMPEDANCE 2ND STAGE TRIP	SER	SED3	6	11	12CVA36	XCHA02	X292	8						
69	180	SOE49XK26	UNDER IMPEDANCE 2ND STAGE TRIP	SER	SED3	12	12CVA36	XCHA02	X292	X292	8						
70	181	SOE50XK27	220KV BRK FAILURE TRIP	SER	SED3	7	13	12CVA36	XCHA01	X192	23						
71	181	SOE50XK27	220KV BRK FAILURE TRIP	SER	SED3	14	12CVA36	XCHA01	X192	X192	23						

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
69	180	SOE49XK26	UNDER IMPEDANCE 2ND STAGE TRIP	SER	SED3		12	12CVA36	XCHA02	X292	8						
70	181	SOE50XK27	220KV BRK FAILURE TRIP	SER	SED3	7	13	12CVA36	XCHA01	X192	23						
71	181	SOE50XK27	220KV BRK FAILURE TRIP	SER	SED3		14	12CVA36	XCHA01	X192	23						
72	182	SOE24XK01	87/GT GT DIFFER. TRIP	SER	SED3	8	15	12CVA36	XCHA01	X192	19						
73	182	SOE24XK01	87/GT GT DIFFER. TRIP	SER	SED3		16	12CVA36	XCHA01	X192	19						
74	183	SOE25XK02	64 GT /REF RESTRICTED EARTH FAULT TRIP	SER	SED3	9	17	12CVA36	XCHA01	X192	20						
75	183	SOE25XK02	64 GT /REF RESTRICTED EARTH FAULT TRIP	SER	SED3		18	12CVA36	XCHA01	X192	20						
76	184	SOE26XK03	95 GT BUS DUCT EARTH FAULT TRIP	SER	SED3	10	19	12CVA36	XCHA02	X292	14						
77	184	SOE26XK03	95 GT BUS DUCT EARTH FAULT TRIP	SER	SED3		20	12CVA36	XCHA02	X292	14						
78	185	SOE27XK04	87/0 OVERALL DIFF. TRIP	SER	SED3	11	21	12CVA36	XCHA02	X292	12						
79	185	SOE27XK04	87/0 OVERALL DIFF. TRIP	SER	SED3		22	12CVA36	XCHA02	X292	12						
80	186	SOE28XK05	LP BP OUTLET TEMP HI HI	SER	SED3	12	23	12CVA36	XCHA02	X292	32						
81	186	SOE28XK05	LP BP OUTLET TEMP HI HI	SER	SED3		24	12CVA36	XCHA02	X292	32						
82	187	SOE29XK06	GT BAY MANAGEMENT PROT. TRIP	SER	SED3	13	25	12CVA36	XCHA01	X192	39						
83	187	SOE29XK06	GT BAY MANAGEMENT PROT. TRIP	SER	SED3		26	12CVA36	XCHA01	X192	39						
84	188	SOE30XK07	51/GTN GT EARTH FAUULT 1ST STAGE TRIP	SER	SED4	1	1	12CVA36	XCHA02	X292	15						
85	188	SOE30XK07	51/GTN GT EARTH FAUULT 1ST STAGE TRIP	SER	SED4		2	12CVA36	XCHA02	X292	15						
86	189	SOE31XK08	51/GTN GT EARTH FAUULT 2ND STAGE TRIP	SER	SED4	2	3	12CVA36	XCHA02	X292	16						
87	189	SOE31XK08	51/GTN GT EARTH FAUULT 2ND STAGE TRIP	SER	SED4		4	12CVA36	XCHA02	X292	16						
88	190	SOE32XK09	99/GT OIL LOW LEVEL 2ND STGAE TRIP	SER	SED4	3	5	12CVA36	XCHA01	X192	30						
89	190	SOE32XK09	99/GT OIL LOW LEVEL 2ND STGAE TRIP	SER	SED4		6	12CVA36	XCHA01	X192	30						
90	191	SOE33XK10	97/GT BUCHOLZ (TRANSF.) 2ND STAGE TRIP	SER	SED4	4	7	12CVA36	XCHA02	X292	24						
91	191	SOE33XK10	97/GT BUCHOLZ (TRANSF.) 2ND STAGE TRIP	SER	SED4		8	12CVA36	XCHA02	X292	24						
92	192	SOE34XK11	97/GT BUCHOLZ (OLTC) 2ND STAGE TRIP	SER	SED4	5	9	12CVA36	XCHA02	X292	25						
93	192	SOE34XK11	97/GT BUCHOLZ (OLTC) 2ND STAGE TRIP	SER	SED4		10	12CVA36	XCHA02	X292	25						
94	193	SOE35XK12	49/GT THERMAL IMAGE 2ND STAGE TRIP	SER	SED4	6	11	12CVA36	XCHA01	X192	29						
95	193	SOE35XK12	49/GT THERMAL IMAGE 2ND STAGE TRIP	SER	SED4		12	12CVA36	XCHA01	X192	29						
96	194	SOE36XK13	26/GT DIAL THERMOMETER 2ND STAGE TRIP	SER	SED4	7	13	12CVA36	XCHA01	X192	28						
97	194	SOE36XK13	26/GT DIAL THERMOMETER 2ND STAGE TRIP	SER	SED4		14	12CVA36	XCHA01	X192	28						
98	195	SOE37XK14	63-1/GT SAFETY VALVE TRIP	SER	SED4	8	15	12CVA36	XCHA02	X292	26						
99	195	SOE37XK14	63-1/GT SAFETY VALVE TRIP	SER	SED4		16	12CVA36	XCHA02	X292	26						
100	196	SOE14XK14	59G2 OVERVOLTAGE 3RD STAGE TRIP	SER	SED4	9	17	12CVA36	XCHA02	X292	1						
101	196	SOE14XK14	59G2 OVERVOLTAGE 3RD STAGE TRIP	SER	SED4		18	12CVA36	XCHA02	X292	1						
102	197	SOE15XK15	98G DEAD MACHINE TRIP	SER	SED4	10	19	12CVA36	XCHA02	X292	4						
103	197	SOE15XK15	98G DEAD MACHINE TRIP	SER	SED4		20	12CVA36	XCHA02	X292	4						
104	198	SOE16XK16	TURBINE TRIP SYS 2 COND. REVERSE PWR TRIP	SER	SED4	11	21	12CVA36	XCHA02	X292	9						
105	198	SOE16XK16	TURBINE TRIP SYS 2 COND. REVERSE PWR TRIP	SER	SED4		22	12CVA36	XCHA02	X292	9						

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
101	196	SOE14XK14	59G2 OVERVOLTAGE 3RD STAGE TRIP	SER	SED4		18	12CVA36	XCHA02	X292	1						
102	197	SOE15XK15	98G DEAD MACHINE TRIP	SER	SED4	10	19	12CVA36	XCHA02	X292	4						
103	197	SOE15XK15	98G DEAD MACHINE TRIP	SER	SED4		20	12CVA36	XCHA02	X292	4						
104	198	SOE16XK16	TURBINE TRIP SYS 2 COND. REVERSE PWR TRIP	SER	SED4	11	21	12CVA36	XCHA02	X292	9						
105	198	SOE16XK16	TURBINE TRIP SYS 2 COND. REVERSE PWR TRIP	SER	SED4	22	12CVA36	XCHA02	X292	9							
106	199	SOE17XK17	REVERSE POWER 2ND STAGE 2ND STAGE TRIP	SER	SED4	12	23	12CVA36	XCHA02	X292	10						
107	199	SOE17XK17	REVERSE POWER 2ND STAGE 2ND STAGE TRIP	SER	SED4	24	12CVA36	XCHA02	X292	10							
108	200	SOE18XK18	86G/1A LOCK OUT RELAY TRIP	SER	SED5	1	1	12CVA36	XCHA01	X192	37						
109	200	SOE18XK18	86G/1A LOCK OUT RELAY TRIP	SER	SED5		2	12CVA36	XCHA01	X192	37						
110	201	SOE19XK19	86G/2A LOCK OUT RELAY TRIP	SER	SED5	2	3	12CVA36	XCHA02	X292	30						
111	201	SOE19XK19	86G/2A LOCK OUT RELAY TRIP	SER	SED5		4	12CVA36	XCHA02	X292	30						
112	202	SOE20XK20	86G/1B LOCK OUT RELAY TRIP	SER	SED5	3	5	12CVA36	XCHA01	X192	38						
113	202	SOE20XK20	86G/1B LOCK OUT RELAY TRIP	SER	SED5		6	12CVA36	XCHA01	X192	38						
114	203	SOE21XK21	86G/2B LOCK OUT RELAY TRIP	SER	SED5	4	7	12CVA36	XCHA02	X292	33						
115	203	SOE21XK21	86G/2B LOCK OUT RELAY TRIP	SER	SED5		8	12CVA36	XCHA02	X292	33						
116	204	SOE22XK22	GEN. BRK.CLOSED	SER	SED5	5	9	12CVA36	BAC1GS001	X12	9,10						
117	204	SOE22XK22	GEN. BRK.CLOSED	SER	SED5		10	12CVA36	BAC1GS001	X12	10						
118	205	SOE23XK23	GEN. BRK.OPEN	SER	SED5	6	11	12CVA36	BAC01GS001	X12	1,2						
119	205	SOE23XK23	GEN. BRK.OPEN	SER	SED5		12	12CVA36	BAC01GS001	X12	2						
120	206	SOE1XK01	98G POLE SLIPPING TRIP	SER	SED5	7	13	12CVA36	XCHA01	X192	12						
121	206	SOE1XK01	98G POLE SLIPPING TRIP	SER	SED5		14	12CVA36	XCHA01	X192	12						
122	207	SOE2XK02	59G1 OVERVOLTAGE 2ND STAGE TRIP	SER	SED5	8	15	12CVA36	XCHA01	X192	1						
123	207	SOE2XK02	59G1 OVERVOLTAGE 2ND STAGE TRIP	SER	SED5		16	12CVA36	XCHA01	X192	1						
124	208	SOE3XK03	87G GEN. DIFFER. TRIP	SER	SED5	9	17	12CVA36	XCHA01	X192	17						
125	208	SOE3XK03	87G GEN. DIFFER. TRIP	SER	SED5		18	12CVA36	XCHA01	X192	17						
126	209	SOE4XK04	64G STATOR GROUND FAULT (100%) TRIP	SER	SED5	10	19	12CVA36	XCHA01	X192	8						
127	209	SOE4XK04	64G STATOR GROUND FAULT (100%) TRIP	SER	SED5		20	12CVA36	XCHA01	X192	8						
128	210	SOE5XK05	64R-2 ROTOR GRPOUND 2ND STAGE TRIP	SER	SED5	11	21	12CVA36	XCHA01	X192	9						
129	210	SOE5XK05	64R-2 ROTOR GRPOUND 2ND STAGE TRIP	SER	SED5		22	12CVA36	XCHA01	X192	9						
130	211	SOE6XK06	40G LOSS OF EXCITATION 1ST STAGE TRIP	SER	SED5	12	23	12CVA36	XCHA02	X292	5						
131	211	SOE6XK06	40G LOSS OF EXCITATION 1ST STAGE TRIP	SER	SED5		24	12CVA36	XCHA02	X292	5						
132	212	SOE7XK07	40G LOSS OF EXCITATION 2ND STAGE TRIP	SER	SED5	13	25	12CVA36	XCHA02	X292	6						
133	212	SOE7XK07	40G LOSS OF EXCITATION 2ND STAGE TRIP	SER	SED5		26	12CVA36	XCHA02	X292	6						
134	213	SOE8XK08	21G2 UNDRIMPEDENCE 1ST STAGE TRIP	SER	SED6	1	1	12CVA36	XCHA02	X292	7						
135	213	SOE8XK08	21G2 UNDRIMPEDENCE 1ST STAGE TRIP	SER	SED6		2	12CVA36	XCHA02	X292	7						
136	214	SOE9XK09	46G NEGATIVE SEQUENCE SECOND STAGE TRIP	SER	SED6	2	3	12CVA36	XCHA02	X292	2						
137	214	SOE9XK09	46G NEGATIVE SEQUENCE SECOND STAGE TRIP	SER	SED6		4	12CVA36	XCHA02	X292	2						

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
108	200	SOE18XK18	86G/1A LOCK OUT RELAY TRIP	SER	SED5	1	1	12CVA36	XCHA01	X192	37						
109	200	SOE18XK18	86G/1A LOCK OUT RELAY TRIP	SER	SED5		2	12CVA36	XCHA01	X192	37						
110	201	SOE19XK19	86G/2A LOCK OUT RELAY TRIP	SER	SED5	2	3	12CVA36	XCHA02	X292	30						
111	201	SOE19XK19	86G/2A LOCK OUT RELAY TRIP	SER	SED5		4	12CVA36	XCHA02	X292	30						
112	202	SOE20XK20	86G/1B LOCK OUT RELAY TRIP	SER	SED5	3	5	12CVA36	XCHA01	X192	38						
113	202	SOE20XK20	86G/1B LOCK OUT RELAY TRIP	SER	SED5		6	12CVA36	XCHA01	X192	38						
114	203	SOE21XK21	86G/2B LOCK OUT RELAY TRIP	SER	SED5	4	7	12CVA36	XCHA02	X292	33						
115	203	SOE21XK21	86G/2B LOCK OUT RELAY TRIP	SER	SED5		8	12CVA36	XCHA02	X292	33						
116	204	SOE22XK22	GEN. BRK.CLOSED	SER	SED5	5	9	12CVA36	BAC1-GS001	X12	9,10						
117	204	SOE22XK22	GEN. BRK.CLOSED	SER	SED5		10	12CVA36	BAC1GS001	X12	10						
118	205	SOE23XK23	GEN. BRK.OPEN	SER	SED5	6	11	12CVA36	BAC01GS001	X12	1,2						
119	205	SOE23XK23	GEN. BRK.OPEN	SER	SED5		12	12CVA36	BAC01GS001	X12	2						
120	206	SOE1XK01	98G POLE SLIPPING TRIP	SER	SED5	7	13	12CVA36	XCHA01	X192	12						
121	206	SOE1XK01	98G POLE SLIPPING TRIP	SER	SED5		14	12CVA36	XCHA01	X192	12						
122	207	SOE2XK02	59G1 OVERVOLTAGE 2ND STAGE TRIP	SER	SED5	8	15	12CVA36	XCHA01	X192	1						
123	207	SOE2XK02	59G1 OVERVOLTAGE 2ND STAGE TRIP	SER	SED5		16	12CVA36	XCHA01	X192	1						
124	208	SOE3XK03	87G GEN. DIFFER. TRIP	SER	SED5	9	17	12CVA36	XCHA01	X192	17						
125	208	SOE3XK03	87G GEN. DIFFER. TRIP	SER	SED5		18	12CVA36	XCHA01	X192	17						
126	209	SOE4XK04	64G STATOR GROUND FAULT (100%) TRIP	SER	SED5	10	19	12CVA36	XCHA01	X192	8						
127	209	SOE4XK04	64G STATOR GROUND FAULT (100%) TRIP	SER	SED5		20	12CVA36	XCHA01	X192	8						
128	210	SOE5XK05	64R-2 ROTOR GRPOUND 2ND STAGE TRIP	SER	SED5	11	21	12CVA36	XCHA01	X192	9						
129	210	SOE5XK05	64R-2 ROTOR GRPOUND 2ND STAGE TRIP	SER	SED5		22	12CVA36	XCHA01	X192	9						
130	211	SOE6XK06	40G LOSS OF EXCITATION 1ST STAGE TRIP	SER	SED5	12	23	12CVA36	XCHA02	X292	5						
131	211	SOE6XK06	40G LOSS OF EXCITATION 1ST STAGE TRIP	SER	SED5		24	12CVA36	XCHA02	X292	5						
132	212	SOE7XK07	40G LOSS OF EXCITATION 2ND STAGE TRIP	SER	SED5	13	25	12CVA36	XCHA02	X292	6						
133	212	SOE7XK07	40G LOSS OF EXCITATION 2ND STAGE TRIP	SER	SED5		26	12CVA36	XCHA02	X292	6						
134	213	SOE8XK08	21G2 UNDRIMPEDENCE 1ST STAGE TRIP	SER	SED6	1	1	12CVA36	XCHA02	X292	7						
135	213	SOE8XK08	21G2 UNDRIMPEDENCE 1ST STAGE TRIP	SER	SED6		2	12CVA36	XCHA02	X292	7						
136	214	SOE9XK09	46G NEGATIVE SEQUENCE SECOND STAGE TRIP	SER	SED6	2	3	12CVA36	XCHA02	X292	2						
137	214	SOE9XK09	46G NEGATIVE SEQUENCE SECOND STAGE TRIP	SER	SED6		4	12CVA36	XCHA02	X292	2						
138	215	SOE10XK10	49/50G OVERLOAD (THERMAL IMAGE) TRIP	SER	SED6	3	5	12CVA36	XCHA02	X292	3						
139	215	SOE10XK10	49/50G OVERLOAD (THERMAL IMAGE) TRIP	SER	SED6		6	12CVA36	XCHA02	X292	3						
140	216	SOE11XK11	32G1 REVERSE POWER 2ND STAGE TRIP	SER	SED6	4	7	12CVA36	XCHA01	X192	14						
141	216	SOE11XK11	32G1 REVERSE POWER 2ND STAGE TRIP	SER	SED6		8	12CVA36	XCHA01	X192	14						
142	217	SOE12XK12	TURBINE TRIP SYS 1 COND. REVERSE PWR TRIP	SER	SED6	5	9	12CVA36	XCHA01	X192	13						
143	217	SOE12XK12	TURBINE TRIP SYS 1 COND. REVERSE PWR TRIP	SER	SED6		10	12CVA36	XCHA01	X192	13						
144	218	SOE13XK13	37G1 LOW FORWARD RELAY 2ND STAGE TRIP	SER	SED6	6	11	12CVA36	XCHA01	X192	15						

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SR	TAG	DESCRIPTION	NODE	CARD	CH	REMARKS
1	2LAC10CS001	BFP-A REVERSE ROTATION	1	DI-10/SET-1	CH1	
2	2LAC10CT612XG1	COUPLING BFP-A LUB OIL TEMP HI HI	1	DI-10/SET-1	CH2	
3	2LAC10CT611XG1	COUPLING BFP-A LUB OIL TEMP HI HI	1	DI-10/SET-1	CH3	
4	2LAC10CT614XG1	COUPLING BFP-A WORK OIL TEMP HI HI	1	DI-10/SET-1	CH4	
5	2LAC10CT613XG1	COUPLING BFP-A WORK OIL TEMP HI HI	1	DI-10/SET-1	CH5	
6	2LAC10CP603	BFP-A LUB OIL PRESS LOW LOW	1	DI-10/SET-1	CH6	
7	2LCA05CP101	CEP1 DELIVERY LINE PRESS LO LO	1	DI-10/SET-1	CH7	
8	2LCB10AP001XB38	CEP-A ELECTRICAL PROTECTION OPERATED	1	DI-10/SET-1	CH8	
9	2LCB10AP001XB002	CEP-A OFF FB	1	DI-10/SET-1	CH9	
10	2LAA10CL105	DEAERATOR TANK LEVEL LO LO	1	DI-10/SET-1	CH10	
11	2LAA10CL106	DEAERATOR TANK EXTRA HIGH LEVEL	1	DI-10/SET-1	CH11	
12	2LAA10CL107	DEAERATOR TANK HIGH HIGH LEVEL	1	DI-10/SET-1	CH12	
13	2LAA10CL108	DEAERATOR TANK LOW LOW LEVEL	1	DI-10/SET-1	CH13	
14	2LAA10CL109	DEAERATOR TANK LOW LOW LEVEL	1	DI-10/SET-1	CH14	
15	2LAC10AP001XB38	BFP-A ELECTRICAL PROTECTION OPERATED	1	DI-10/SET-1	CH15	
16	2LAC10AP001-EE	BFP-A OFF FB	1	DI-10/SET-1	CH16	
17	2LAD10CL101	HP5 HI HI LEVEL	1	DI 19/SET-02	CH1	
18	2LAD10CL102	HP5 HI HI LEVEL	1	DI 19/SET-02	CH2	
19	2LAD10CL103	HP5 HI LEVEL	1	DI 19/SET-02	CH3	
20	2LAD20CL101	HP6 HI HI LEVEL	1	DI 19/SET-02	CH4	
21	2LAD20CL102	HP6 HI HI LEVEL	1	DI 19/SET-02	CH5	
22	2LAD20CL103	HP6 HI LEVEL	1	DI 19/SET-02	CH6	
23	2LAD20CL103	HP6 HI LEVEL	1	DI 19/SET-02	CH7	
24	2LCC10CL101	LP1 HI HI LEVEL	1	DI 19/SET-02	CH8	
25	2LCC10CL102	LP1 HI HI LEVEL	1	DI 19/SET-02	CH9	
26	2LCC20CL101	LP2 HI HI LEVEL	1	DI 19/SET-02	CH10	
27	2LCC20CL102	LP2 HI HI LEVEL	1	DI 19/SET-02	CH11	
28	2LCC30CL101	LP3 HI HI LEVEL	1	DI 19/SET-02	CH12	
29	2LCC30CL102	LP3 HI HI LEVEL	1	DI 19/SET-02	CH13	
30	SPARE	SPARE	1	DI 19/SET-02	CH14	
31	SPARE	SPARE	1	DI 19/SET-02	CH15	
32	SPARE	SPARE	1	DI 19/SET-02	CH16	
33	2LAC20CS101	BFP-B REVERSE ROTATION	2	DI 9/SET-1	CH1	
34	2LAC20CT612XG01	COUPLING BFP-B LUB OIL TEMP HI HI	2	DI 9/SET-1	CH2	
35	2LAC20CT611XG01	COUPLING BFP-B LUB OIL TEMP HI HI	2	DI 9/SET-1	CH3	
36	2LAC20CT614XG01	COUPLING BFP-B WORK OIL TEMP HI HI	2	DI 9/SET-1	CH4	
37	2LAC20CT613XG01	COUPLING BFP-B WORK OIL TEMP HI HI	2	DI 9/SET-1	CH5	
38	2LAC20CP603	BFP-B LUB OIL PR LOW LOW	2	DI 9/SET-1	CH6	
39	2LCA06CP101	CEP2 DELIVERY LINE PR LO LO	2	DI 9/SET-1	CH7	
40	2LCB20AP001-EE	CEP-B OFF FB	2	DI 9/SET-1	CH8	
41	2MAG01CL103	CONDENSER TANK LO LO LVL	2	DI 9/SET-1	CH9	
42	2MAG01CL104	CONDENSER TANK LO LO LVL	2	DI 9/SET-1	CH10	
43	2MAG01CL105	CONDENSER TANK LO LO LVL	2	DI 9/SET-1	CH11	
44	2GH01CL101	CONDENS STORAGE LO LO LVL	2	DI 9/SET-1	CH12	
45	SPARE	SPARE	2	DI 9/SET-1	CH13	
46	2LCA07CP102	CONDENSATE CEPS DELIVERY LINE PR LOW	2	DI 9/SET-1	CH14	
47	2LAC20AP001XB38	BFP-B SWT GR DISTURB	2	DI 9/SET-1	CH15	

	A	B	C	F	H	I	J	K	L	M	N	O	P	Q
47	44	2GHC01CL101	CONDENS STORAGE LO LO LVL	2	DI 9/SET-1	CH12								
48	45	SPARE	SPARE	2	DI 9/SET-1	CH13								
49	46	2LCA07CP102	CONDENSATE CEPS DELIVERY LINE PR LOW	2	DI 9/SET-1	CH14								
50	47	2LAC20AP001XB38	BFP-B SWT GR DISTURB	2	DI 9/SET-1	CH15								
51	48	2LAC20AP001-EE	BFP-B OFF FB	2	DI 9/SET-1	CH16								
52	49	2LAB02CG501	BFP-B SUCTVLV OPN	2	SED 01	CH1								
53	50	SPARE	SPARE	2	SED 01	CH2								
54	51	SPARE	SPARE	2	SED 01	CH3								
55	52	SPARE	SPARE	2	SED 01	CH4								
56	53	SPARE	SPARE	2	SED 01	CH5								
57	54	SPARE	SPARE	2	SED 01	CH6								
58	55	2LCB20AP001XB38	CEP-B ELECTRICAL PROTECTION OPERATED	2	SED 01	CH7								
59	56	SPARE	SPARE	2	SED 01	CH8								
60	57	2PAB01CP100-EE	CW PMP-1 OFF FB	2	SED 01	CH9								
61	58	2PAB02CP100-EE	CW PMP-2 OFF FB	2	SED 01	CH10								
62	59	2PAB03CP100-EE	CW PMP-3 OFF FB	2	SED 01	CH11								
63	60	SPARE	SPARE	2	SED 01	CH12								
64	61	SPARE	SPARE	2	SED 01	CH13								
65	62	SPARE	SPARE	2	SED 01	CH14								
66	63	SPARE	SPARE	2	SED 01	CH15								
67	64	SPARE	SPARE	2	SED 01	CH16								
68	65	2LAC30CS101	BFP-C REVERSE ROTATION	3	DI-6/SET-1	CH1								
69	66	LAC30CT612XG01	COUPLING BFP-C LUB OIL TEMP HI HI	3	DI-6/SET-1	CH2								
70	67	LAC30CT611XG01	COUPLING BFP-C LUB OIL TEMP HI HI	3	DI-6/SET-1	CH3								
71	68	LAC30CT614XG01	COUPLING BFP-C WORK OIL TEMP HI HI	3	DI-6/SET-1	CH4								
72	69	LAC30CT613XG01	COUPLING BFP-C WORK OIL TEMP HI HI	3	DI-6/SET-1	CH5								
73	70	2LAC30CP603	BFP-C LUB OIL PR LOW LOW	3	DI-6/SET-1	CH6								
74	71	2LCA07CP101	CEP3 DELIVERY LINE PR LOW LOW	3	DI-6/SET-1	CH7								
75	72	2LCB30AP001-EA	CEP-C ON FB	3	DI-6/SET-1	CH8								
76	73	2LCB30AP001-EE	CEP-C OFF FB	3	DI-6/SET-1	CH9								
77	74	2LCB30AP001XB38	CEP-C SWT GR DISTURB	3	DI-6/SET-1	CH10								
78	75	2LCB30AP001XB38	CEP-C ELECTRICAL PROTECTION OPERATED	3	DI-6/SET-1	CH11								
79	76	SPARE	SPARE	3	DI-6/SET-1	CH12								
80	77	SPARE	SPARE	3	DI-6/SET-1	CH13								
81	78	SPARE	SPARE	3	DI-6/SET-1	CH14								
82	79	2LAC30AP001-EA	BFP-C ON FB	3	DI-6/SET-1	CH15								
83	80	2LAC30AP001-EE	BFP-C OFF FB	3	DI-6/SET-1	CH16								
84	81	SOE51XK29	OPERATOR MANUAL TRIP SYS1(EMER STOP)	3	SED 02	CH1								
85	82	SOE52XK30	OPERATOR MANUAL TRIP SYS2(EMER STOP)	3	SED 02	CH2								
86	83	SOE53XK31	B6TR/1 LOCKOUT RELAY TRIP	3	SED 02	CH3								
87	84	SOE54XK32	B6TR/2 LOCKOUT RELAY TRIP	3	SED 02	CH4								
88	85	SOE55XK33	B6SS/1 LOCKOUT RELAY TRIP	3	SED 02	CH5								
89	86	SOE56XK34	B6SS/2 LOCKOUT RELAY TRIP	3	SED 02	CH6								
90	87	SOE57XK35	220KV BRK CLOSED	3	SED 02	CH7								
91	88	SOE58XK36	220KV BRK OPENED	3	SED 02	CH8								
92	89	SOE38XK15	SPARE	3	SED 02	CH9								
93	90	SOE39XK16	GT FIRE FIGHTING SYS TRIP	3	SED 02	CH10								
94	91	SOE40XK17	21G1 UNDER IMPEDENCE 1ST STAGE TRIP	3	SED 02	CH11								
95	92	SOE41XK18	21G1 UNDER IMPEDENCE 2ND STAGE TRIP	3	SED 02	CH12								
96	93	SOE42XK19	21G1 UNDERFREQUENCY 1ST STAGE DELAYED TRI	3	SED 02	CH13								

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	A	B	C	F	H	I	J	K	L	M	N	O	P	Q
94	91	SOE40XK17	21G1 UNDER IMPEDENCE 1ST STAGE TRIP	3	SED 02	CH11								
95	92	SOE41XK18	21G1 UNDER IMPEDENCE 2ND STAGE TRIP	3	SED 02	CH12								
96	93	SOE42XK19	81G UNDERFREQUENCY 1ST STAGE DELAYED TRIP	3	SED 02	CH13								
97	94	SOE43XK20	81G UNDERFREQUENCY 2ND STAGE TRIP	3	SED 02	CH14								
98	95	SPARE	SPARE	3	SED 02	CH15								
99	96	SPARE	SPARE	3	SED 02	CH16								
100	97	SOE44XK21	81G OVERFREQ 1ST STAGE DELAYED TRIP	3	SED 03	CH1								
101	98	SOE45XK22	81G OVERFREQ 2ND STAGE TRIP	3	SED 03	CH2								
102	99	SOE46XK23	99G(24) OVERFLUXING 2ND STAGE INV TIME TRIP	3	SED 03	CH3								
103	100	SOE47XK24	99G(24) OVERFLUXING 2ND STAGE 1ST TIME TRIP	3	SED 03	CH4								
104	101	SOE48XK25	GEN BRK FAILURE TRIP	3	SED 03	CH5								
105	102	SOE49XK26	UNDER IMPEDENCE 2ND STAGE TRIP	3	SED 03	CH6								
106	103	SOE50XK27	220KV BRK FAILURE TRIP	3	SED 03	CH7								
107	104	SOE24XK01	87GT DIFFER TRIP	3	SED 03	CH8								
108	105	SOE25XK02	64GT/ REF RESTRICTED EARTH FLT TRIP	3	SED 03	CH9								
109	106	SOE26XK03	95 GT BUS DUCT EARTH FLT TRIP	3	SED 03	CH10								
110	107	SOE27XK04	87/0 OVERALL DIFF TRIP	3	SED 03	CH11								
111	108	SOE28XK05	LP BP OUTLET HH TEMP	3	SED 03	CH12								
112	109	SOE98XK06	GT BAY MANAGEMENT PROTECTION TRIP	3	SED 03	CH13								
113	110	SPARE	SPARE	3	SED 03	CH14								
114	111	SPARE	SPARE	3	SED 03	CH15								
115	112	SPARE	SPARE	3	SED 03	CH16								
116	113	SOE30XK07	51/GTN GT EARTH FLT 1ST STAGE TRIP	3	SED 04	CH1								
117	114	SOE31XK08	51/GTN GT EARTH FLT 2ND STAGE TRIP	3	SED 04	CH2								
118	115	SOE32XK09	99/GT OIL LOW LEVEL 2ND STAGE TRIP	3	SED 04	CH3								
119	116	SOE33XK10	97/GT BUCHHOLZ(TRANSF) 2ND STAGE TRIP	3	SED 04	CH4								
120	117	SOE34XK11	97/GT BUCHHOLZ(OLTC) 2ND STAGE TRIP	3	SED 04	CH5								
121	118	SOE35XK12	49/GT THERMAL IMAGE 2ND STAGE TRIP	3	SED 04	CH6								
122	119	SOE36XK13	26/GT DIAL THERMOMETER 2ND STAGE TRIP	3	SED 04	CH7								
123	120	SOE37XK14	63-1GT SAFETY VALVE TRIP	3	SED 04	CH8								
124	121	SOE14XK14	59G2 OVER VOLTAGE 3RD STAGE TRIP	3	SED 04	CH9								
125	122	SOE15XK15	98G DEAD MACHINE TRIP	3	SED 04	CH10								
126	123	SOE16XK16	TURBINE TRIP SYS2 COND REVERSE POWER TRIP	3	SED 04	CH11								
127	124	SOE17XK17	REVERSE POWER 2ND STAGE TRIP	3	SED 04	CH12								
128	125	2MAW40CP003-YW1	LUBE OIL PRESS VERY LOW	3	SED 04	CH13								
129	126	MAD20CS001-YW03	TURBINE SPEED > 112%	3	SED 04	CH14								
130	127	MAD20CS001-YW04	TURBINE SPEED > 110%	3	SED 04	CH15								
131	128	VACUUM BRKR OPN	VACUUM BRKR OPN	3	SED 04	CH16								
132	129	SOE18XK18	86G/1A LOCK OUT RELAY TRIP	3	SED 05	CH1								
133	130	SOE19XK19	86G/2A LOCK OUT RELAY TRIP	3	SED 05	CH2								
134	131	SOE20XK20	86G/1B LOCK OUT RELAY TRIP	3	SED 05	CH3								
135	132	SOE21XK21	86G/2B LOCK OUT RELAY TRIP	3	SED 05	CH4								
136	133	SOE22XK22	GEN BRK CLOSED	3	SED 05	CH5								
137	134	SOE23XK23	GEN BRK OPEN	3	SED 05	CH6								
138	135	SOE1XK01	98G POLE SLIPPING TRIP	3	SED 05	CH7								
139	136	SOE2XK02	59G1 OVER VOLTAGE 2ND STAGE TRIP	3	SED 05	CH8								
140	137	SOE3XK03	87G GEN DIFF TRIP	3	SED 05	CH9								
141	138	SOE4XK04	64G STATOR GRND FLT(100%) TRIP	3	SED 05	CH10								
142	139	SOE5XK05	64R-2 ROTOR GROUND 2ND STAGE TRIP	3	SED 05	CH11								
143	140	SOE6XK06	40G LOSS OF EXCITATION 1ST STAGE TRIP	3	SED 05	CH12								

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A	B	C	F	H	I	J	K	L	M	N	O	P	Q
140	137	SOE3XK03	87G GEN DIFF TRIP	3	SED 05	CH9							
141	138	SOE4XK04	64G STATOR GRND FLT(100%) TRIP	3	SED 05	CH10							
142	139	SOE5XK05	64R-2 ROTOR GROUND 2ND STAGE TRIP	3	SED 05	CH11							
143	140	SOE6XK06	40G LOSS OF EXCITATION 1ST STAGE TRIP	3	SED 05	CH12							
144	141	SOE7XK07	40G LOSS OF EXCITATION 2ND STAGE TRIP	3	SED 05	CH13							
145	142	2MAN10CT901-YB01	LP BP OUTLET HH TEMP	3	SED 05	CH14							
146	143	2MAN20CT901-YB01	HP BP OUTLET HH TEMP	3	SED 05	CH15							
147	144	2MAV02CLD01-YW03	OIL TANK LEVEL VERY LOW	3	SED 05	CH16							
148	145	SOE8XK08	21G2 UNDERIMPEDENCE 1ST STAGE TRIP	3	SED 06	CH1							
149	146	SOE9XK09	46G NEGATIVE SEQ 2ND STAGE TRIP	3	SED 06	CH2							
150	147	SOE10XK10	49/50G OVERLOAD (THERMAL IMAGE) TRIP	3	SED 06	CH3							
151	148	SOE11XK11	32G1 REVERSE POWER 2ND STAGE TRIP	3	SED 06	CH4							
152	149	SOE12XK12	TURBINE TRIP SYS1 COND REVERSE POWER TRIP	3	SED 06	CH5							
153	150	SOE13XK13	37G1 LOW FORWARD RELAY 2ND STAGE TRIP	3	SED 06	CH6							
154	151	2MAX44CP001-YP10	TURBINE TRIPPED	3	SED 06	CH7							
155	152	2MAA10CT007-YW01	HP TURBINE EXHAUST STEAM TEMP TRIP	3	SED 06	CH8							
156	153	2MAB10CT005-YW03	THERMAL STRESS TRIP	3	SED 06	CH9							
157	154	2LCA07CP903-TB01	WATER COND PRESS LO LO	3	SED 06	CH10							
158	155	2MAC10CT003-YW03	LP TURBINE BLADING VERY HIGH TEMP	3	SED 06	CH11							
159	156	2MAD10CY021-YW01	HI VIBRATION TRIP	3	SED 06	CH12							
160	157	2MAD11CT001-YW03	BRNG METAL TEMP TRIP	3	SED 06	CH13							
161	158	2MAD20CY011-YW01	THRUST BRG WEAR (TBW) DEAER TRIP AXIAL POS	3	SED 06	CH14							
162	159	2MAG01CL901-YB01	CONDENSATE LEVEL VERY HIGH	3	SED 06	CH15							
163	160	2MAG01CP902-YB01	CONDENSATE PRESS VERY HIGH	3	SED 06	CH16							
164	161	2HAD10CL001XH91	DRUM LVL HIGH	3	SED 07	CH1							
165	162	2HAD10CL001XH92	DRUM LVL LOW	3	SED 07	CH2							
166	163	2HHS01CT900XH91	FA FAN-A WIND TEMP HI	3	SED 07	CH3							
167	164	2HHS02CT900XH91	FA FAN-B WIND TEMP HI	3	SED 07	CH4							
168	165	2HHS03CT900XH91	FA FAN-C WIND TEMP HI	3	SED 07	CH5							
169	166	2HLB01CT900XH91	PA FAN-A WIND TEMP HI	3	SED 07	CH6							
170	167	2HLB01CT901XH91	PA FAN-A BRG TEMP HI	3	SED 07	CH7							
171	168	2HLB02CT900XH91	PA FAN-B WIND TEMP HI	3	SED 07	CH8							
172	169	2HLB02CT901XH91	PA FAN-B BRG TEMP HI	3	SED 07	CH9							
173	170	2HLB11CT900XH91	SA FAN-A WIND TEMP HI	3	SED 07	CH10							
174	171	2HLB11CT901XH91	SA FAN-A BRG TEMP HI	3	SED 07	CH11							
175	172	2HLB12CT900XH91	SA FAN-B WIND TEMP HI	3	SED 07	CH12							
176	173	2HLB12CT901XH91	SA FAN-B BRG TEMP HI	3	SED 07	CH13							
177	174	2HNC10CT900XH91	ID FAN-A WIND/BRG TEMP HI	3	SED 07	CH14							
178	175	2HNC10HS900XH90	ID FAN-A HYD/LUB SYS TROUBL	3	SED 07	CH15							
179	176	2HNC20CT900XH91	ID FAN-B WIND/BRG TEMP HI	3	SED 07	CH16							
180	177	2HNC20HS900XH90	ID FAN-B HYD/LUB SYS TROUBL	3	SED 08	CH1							
181	178	2HNC10CS900XH92	ID FAN-A/B SPEED LOW	3	SED 08	CH2							
182	179	2MAN10CT101XH91	TEMP AFTER BYP VLV HI/ VERY HI	3	SED 08	CH3							
183	180	2MAN20CT101XH91	TEMP AFTER BYP VLV HI/ VERY HI	3	SED 08	CH4							
184	181	2LBA10CP900XH91	MAIN STEAM PRESS HIGH	3	SED 08	CH5							
185	182	2LBA10CP900XH92	MAIN STEAM PRESS LOW	3	SED 08	CH6							
186	183	2LBA10CT900XH91	MAIN STEAM TEMP HIGH	3	SED 08	CH7							
187	184	2LBA10CT900XH92	MAIN STEAM TEMP LOW	3	SED 08	CH8							
188	185	2LBB10CP001XH91	HRH STEAM PRESS HIGH	3	SED 08	CH9							
189	186	2LBB10CP001XH92	HRH STEAM PRESS LOW	3	SED 08	CH10							

A	B	C	F	H	I	J	K	L	M	N	O	P	Q
181	178	2HNC10CS900XH92	ID FAN-A/B SPEED LOW	3	SED 08	CH2							
182	179	2MAN10CT101XH91	TEMP AFTER BYP VLV HI/ VERY HI	3	SED 08	CH3							
183	180	2MAN20CT101XH91	TEMP AFTER BYP VLV HI/ VERY HI	3	SED 08	CH4							
184	181	2LBA10CP900XH91	MAIN STEAM PRESS HIGH	3	SED 08	CH5							
185	182	2LBA10CP900XH92	MAIN STEAM PRESS LOW	3	SED 08	CH6							
186	183	2LBA10CT900XH91	MAIN STEAM TEMP HIGH	3	SED 08	CH7							
187	184	2LBA10CT900XH92	MAIN STEAM TEMP LOW	3	SED 08	CH8							
188	185	2LBB10CP001XH91	HRH STEAM PRESS HIGH	3	SED 08	CH9							
189	186	2LBB10CP001XH92	HRH STEAM PRESS LOW	3	SED 08	CH10							
190	187	2LBB10CT001XH91	HRH STEAM TEMP HIGH	3	SED 08	CH11							
191	188	2LBB10CT001XH92	HRH STEAM TEMP LOW	3	SED 08	CH12							
192	189	2LBC10CP001XH91	CRH STEAM PRESS LOW	3	SED 08	CH13							
193	190	2LBC10CP001XH92	CRH STEAM PRESS LOW	3	SED 08	CH14							
194	191	2LBC10CP001XH92		3	SED 08	CH16							
195	192	2LBC10CT001XH91	AUX STEAM HEADER TEMP V HI	3	SED 09	CH1							
196	193	2LBC10CT001XH92	AUX STEAM TEMP LO	3	SED 09	CH2							
197	194	2LBD00ST001XH90	PRDS TRIP	3	SED 09	CH3							
198	195	2LAG10CF900XH92	FWP1 DISCH FLO LO	3	SED 09	CH4							
199	196	2LAC20CF900XH92	FWP2 DISCH FLO LO	3	SED 09	CH5							
200	197	2LAC30CF900XH92	FWP3 DISCH FLO LO	3	SED 09	CH6							
201	198	2LAC10CT900XH91	BFP1 MTR WIND TEMP HI	3	SED 09	CH7							
202	199	2LAC10CT901XH91	BFP1 MTR BRG TEMP VERY HI	3	SED 09	CH8							
203	200	2LAC20CT900XH91	BFP2 MTR WIND TEMP HI	3	SED 09	CH9							
204	201	2LAC20CT901XH91	BFP2 MTR BRG TEMP VERY HI	3	SED 09	CH10							
205	202	2LAC30CT900XH91	BFP3 MTR WIND TEMP HI	3	SED 09	CH11							
206	203	2LAC30CT901XH91	BFP3 MTR BRG TEMP VERY HI	3	SED 09	CH12							
207	204	2LCB10CT900XH91	CEP1 WIND TEMP HI	3	SED 09	CH13							
208	205	2LCB10CT901XH91	CEP1 MTR BRG TEMP VERY HI	3	SED 09	CH14							
209	206	2LCB10CT902XH91	CEP1 PMP THRUST BRG TEMP HI	3	SED 09	CH15							
210	207	2LCB10CT903XH91	CEP1 SEAL WTR PR LO / VERY LO	3	SED 09	CH16							
211	208	2LCB20CT900XH91	CEP2 WIND TEMP HI	3	SED 10	CH1							
212	209	2LCB20CT901XH91	CEP2 MTR BRG TEMP VERY HI	3	SED 10	CH2							
213	210	2LCB20CT902XH91	CEP2 PMP THRUST BRG TEMP HI	3	SED 10	CH3							
214	211	2LCB20CT903XH91	CEP2 SEAL WTR PR LO / VERY LO	3	SED 10	CH4							
215	212	2LCB30CT900XH91	CEP3 WIND TEMP HI	3	SED 10	CH5							
216	213	2LCB30CT901XH91	CEP3 MTR BRG TEMP VERY HI	3	SED 10	CH6							
217	214	2LCB30CT902XH91	CEP3 PMP THRUST BRG TEMP HI	3	SED 10	CH7							
218	215	2LCB30CT903XH91	CEP3 SEAL WTR PR LO / VERY LO	3	SED 10	CH8							
219	216	2LAC10CT620-B	BFP-A HYD COUPL BRG TEMP VERY HI	3	SED 10	CH9							
220	217	2LAC20CT620-BA	BFP-B HYD COUPL BRG TEMP VERY HI	3	SED 10	CH10							
221	218	2LAC30CT620-BA	BFP-C HYD COUPL BRG TEMP VERY HI	3	SED 10	CH11							
222	219	CEP-A TRIPD	CEP-A TRIPD1	3	SED 10	CH12							
223	220	CEP-B TRIPD	CEP-B TRIPD1	3	SED 10	CH13							
224	221	CEP-C TRIPD	CEP-C TRIPD1	3	SED 10	CH14							
225	222	BFP-B TRIPD	BFP-B TRIPD2	3	SED 10	CH15							
226	223	BFP-C TRIPD	BFP-C TRIPD2	3	SED 10	CH16							
227	224	2MAA00ES001XH90	RECTIFIER1 TRIP	3	SED 11	CH1							
228	225	2MAA00ES002XH90	RECTIFIER2 TRIP	3	SED 11	CH2							
229	226	2MAA00ES003XH90	INVERTER1 TRIP	3	SED 11	CH3							
230	227	2MAA00ES004XH90	INVERTER2 TRIP	3	SED 11	CH4							

		A	B	C	F	H	I	J	K	L	M	N	O	P	Q
194	191	2LBG10CP001XH92			3	SED 08	CH16								
195	192	2LBG10CT001XH91	AUX STEAM HEADER TEMP V HI		3	SED 09	CH1								
196	193	2LBG10CT001XH92	AUX STEAM TEMP LO		3	SED 09	CH2								
197	194	2LBG00ST001XH90	PRDS TRIP		3	SED 09	CH3								
198	195	2LAG10CF900XH92	FWP1 DISCH FLO LO		3	SED 09	CH4								
199	196	2LAC20CF900XH92	FWP2 DISCH FLO LO		3	SED 09	CH5								
200	197	2LAC30CF900XH92	FWP3 DISCH FLO LO		3	SED 09	CH6								
201	198	2LAC10CT900XH91	BFP1 MTR WIND TEMP HI		3	SED 09	CH7								
202	199	2LAC10CT901XH91	BFP1 MTR BRG TEMP VERY HI		3	SED 09	CH8								
203	200	2LAC20CT900XH91	BFP2 MTR WIND TEMP HI		3	SED 09	CH9								
204	201	2LAC20CT901XH91	BFP2 MTR BRG TEMP VERY HI		3	SED 09	CH10								
205	202	2LAC30CT900XH91	BFP3 MTR WIND TEMP HI		3	SED 09	CH11								
206	203	2LAC30CT901XH91	BFP3 MTR BRG TEMP VERY HI		3	SED 09	CH12								
207	204	2LCB10CT900XH91	CEP1 WIND TEMP HI		3	SED 09	CH13								
208	205	2LCB10CT901XH91	CEP1 MTR BRG TEMP VERY HI		3	SED 09	CH14								
209	206	2LCB10CT902XH91	CEP1 PMP THRUST BRG TEMP HI		3	SED 09	CH15								
210	207	2LCB10CT903XH91	CEP1 SEAL WTR PR LO / VERY LO		3	SED 09	CH16								
211	208	2LCB20CT900XH91	CEP2 WIND TEMP HI		3	SED 10	CH1								
212	209	2LCB20CT901XH91	CEP2 MTR BRG TEMP VERY HI		3	SED 10	CH2								
213	210	2LCB20CT902XH91	CEP2 PMP THRUST BRG TEMP HI		3	SED 10	CH3								
214	211	2LCB20CT903XH91	CEP2 SEAL WTR PR LO / VERY LO		3	SED 10	CH4								
215	212	2LCB30CT900XH91	CEP3 WIND TEMP HI		3	SED 10	CH5								
216	213	2LCB30CT901XH91	CEP3 MTR BRG TEMP VERY HI		3	SED 10	CH6								
217	214	2LCB30CT902XH91	CEP3 PMP THRUST BRG TEMP HI		3	SED 10	CH7								
218	215	2LCB30CT903XH91	CEP3 SEAL WTR PR LO / VERY LO		3	SED 10	CH8								
219	216	2LAC10CT620-B	BFP-A HYD COUPL BRG TEMP VERY HI		3	SED 10	CH9								
220	217	2LAC20CT620-6A	BFP-B HYD COUPL BRG TEMP VERY HI		3	SED 10	CH10								
221	218	2LAC30CT620-6A	BFP-C HYD COUPL BRG TEMP VERY HI		3	SED 10	CH11								
222	219	CEP-A TRIPD	CEP-A TRIPD1		3	SED 10	CH12								
223	220	CEP-B TRIPD	CEP-B TRIPD1		3	SED 10	CH13								
224	221	CEP-C TRIPD	CEP-C TRIPD1		3	SED 10	CH14								
225	222	BFP-B TRIPD	BFP-B TRIPD2		3	SED 10	CH15								
226	223	BFP-C TRIPD	BFP-C TRIPD2		3	SED 11	CH16								
227	224	2MAA00ES001XH90	RECTIFIER1 TRIP		3	SED 11	CH1								
228	225	2MAA00ES002XH90	RECTIFIER2 TRIP		3	SED 11	CH2								
229	226	2MAA00ES003XH90	INVERTER1 TRIP		3	SED 11	CH3								
230	227	2MAA00ES004XH90	INVERTER2 TRIP		3	SED 11	CH4								
231	228	2MAA00ES005XH90	HP ESV 1/2 CLOSED		3	SED 11	CH5								
232	229	2MAA00ES006XH90	HP BP VLV < 2% CLOSED		3	SED 11	CH6								
233	230	2MAA00ES007XH90	HP BP VLV > 2% OPEN		3	SED 11	CH7								
234	231	2MAA00ES008XH90	LP BP VLV < 2% CLOSED		3	SED 11	CH8								
235	232	2MAA00ES009XH90	LP BP VLV > 2% OPEN		3	SED 11	CH9								
236	233	2MAA00ES010XH90	LOSS OF UNIT 220KV DC > 2 SEC		3	SED 11	CH10								
237	234	2MAA00ES011XH90	TURBINE TRIP GEAR OPERATOR		3	SED 11	CH11								
238	235	2MAA00ES012XH90	MANUAL TURBINE TRIP		3	SED 11	CH12								
239	236	2MAA00ES013XH90	TURBINE TRIP ON GEN PROTECTION		3	SED 11	CH13								
240	237	2MAA00ES014XH90	FIRE PROTECTION-1 PUSHED		3	SED 11	CH14								
241	238	2MAA00ES015XH90	FIRE PROTECTION-2 PUSHED		3	SED 11	CH15								
242	239	2MAA00ES016XH90	FIRE PROTECTION-3 PUSHED		3	SED 11	CH16								
243	240	2LAB03CG501	BFP-C SUCTVLV OPN		3	SED 12	CH8								

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ANNEXURE 6 : ELECTRICAL SIGNAL LIST - SOE

SI No.	Tag Name	Description	Signal Type
9	SOE68XK01	26/ET DIAL THERMOMETER 2ND STAGE TRIP	SER
10	SOE69XK01	51/ET OVER LOAD TRIP	SER
11	SOE70XK03	EXCIT. TRANSF. TEMP TRIP	SER
12	SOE68XK02	EXCITATION SYS. SYS 1 TRIP	SER
13	SOE69XK02	EXCITATION SYS. SYS 2 TRIP	SER
14	SOE59XK01	87/UAT UAT DIFFER. TRIP	SER
15	SOE60XK02	50-51/UAT OVERCURRENT TRIP	SER
16	SOE61XK03	97/UAT BUCHHOLZ(TRANSF.) 2ND STAGE TRIP	SER
17	SOE62XK04	97/UAT BUCHHOLZ(OLTC) 2ND STAGE TRIP	SER
18	SOE63XK05	49/UAT THERMAL IMAGE 2ND STAGE TRIP	SER
19	SOE64XK06	26/UAT DIAL THERMOMETER 2ND STAGE TRIP	SER
20	SOE65XK07	63/UAT SAFETY VALVE TRIP	SER
21	SOE66XK08	UAT FIRE FIGHTING SYS. TRIP	SER
22	SOE67XK10	99/UAT OIL LOW LEVEL 2ND STAGE TRIP	SER
23	SOE51XK29	OPERATOR MANUAL TRIP SYS 1(EMERGENCY STOP)	SER
24	SOE52XK30	OPERATOR MANUAL TRIP SYS 2(EMERGENCY STOP)	SER
25	SOE53XK31	86TR/1 LOCKOUT RELAY TRIP	SER
26	SOE54XK32	86TR/2 LOCKOUT RELAY TRIP	SER
27	SOE55XK33	86SS/1 LOCKOUT RELAY TRIP	SER
28	SOE56XK34	86SS/2 LOCKOUT RELAY TRIP	SER
29	SOE57XK35	220KV BRK. CLOSED	SER
30	SOE58XK36	220KV BRK. OPEN	SER
31	SOE38XK15	63-2 GT SAFETY VALVE TRIP	SER
32	SOE39XK16	GT FIRE FIGHTING SYS TRIP	SER
33	SOE40XK17	21G1 UNDER IMPEDANCE 1ST STAGE TRIP	SER
34	SOE41XK18	21G1 UNDER IMPEDANCE 2ND STAGE TRIP	SER
35	SOE42XK19	81G UNDERFREQUENCY 1ST STAGE DELAYED TRIP	SER
36	SOE43XK20	81G UNDERFREQUENCY 2ND STAGE TRIP	SER
37	SOE44XK21	81G OVERFREQUENCY 1ST STAGE DELAYED TRIP	SER
38	SOE45XK22	81G OVERFREQUENCY 2ND STAGE TRIP	SER
39	SOE46XK23	99G(24) OVERFLUXING 2ND STAGE INV TIME TRIP	SER
40	SOE47XK24	99G(24) OVERFLUXING 2ND STAGE 1ST TIME TRIP	SER
41	SOE48XK25	GEN BRK FAILURE TRIP	SER
42	SOE49XK26	UNDER IMPEDANCE 2ND STAGE TRIP	SER
43	SOE50XK27	220KV BRK FAILURE TRIP	SER
44	SOE24XK01	87/GT GT DIFFER. TRIP	SER
45	SOE25XK02	64 GT /REF RESTRICTED EARTH FAULT TRIP	SER
46	SOE26XK03	95 GT BUS DUCT EARTH FAULT TRIP	SER
47	SOE27XK04	87/O OVERALL DIFF. TRIP	SER
48	SOE28XK05	GT BAY BUS BAR PROT. TRIP	SER
49	SOE29XK06	GT BAY MANAGEMENT PROT. TRIP	SER
50	SOE30XK07	51/GTN GT EARTH FAULT 1ST STAGE TRIP	SER

MAIN SERIAL SOE

Ready

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DELL

CAPS NUM 6:22 PM

A	B	C	D	E	F	G	H	I	J	K	L
31	SOE38XK15	63-2 GT SAFETY VALVE TRIP	SER								
32	SOE39XK16	GT FIRE FIGHTING SYS TRIP	SER								
33	SOE40XK17	21G1 UNDER IMPEDANCE 1ST STAGE TRIP	SER								
34	SOE41XK18	21G1 UNDER IMPEDANCE 2ND STAGE TRIP	SER								
35	SOE42XK19	81G UNDERFREQUENCY 1ST STAGE DELAYED TRIP	SER								
36	SOE43XK20	81G UNDERFREQUENCY 2ND STAGE TRIP	SER								
37	SOE44XK21	81G OVERFREQUENCY 1ST STAGE DELAYED TRIP	SER								
38	SOE45XK22	81G OVERFREQUENCY 2ND STAGE TRIP	SER								
39	SOE46XK23	99G(24) OVERFLUXING 2ND STAGE INV TIME TRIP	SER								
40	SOE47XK24	99G(24) OVERFLUXING 2ND STAGE 1ST TIME TRIP	SER								
41	SOE48XK25	GEN. BRK. FAILURE TRIP	SER								
42	SOE49XK26	UNDER IMPEDANCE 2ND STAGE TRIP	SER								
43	SOE50XK27	220KV BRK FAILURE TRIP	SER								
44	SOE24XK01	87/8T GT DIFFER. TRIP	SER								
45	SOE25XK02	64 GT /REF RESTRICTED EARTH FAULT TRIP	SER								
46	SOE26XK03	95 GT BUS DUCT EARTH FAULT TRIP	SER								
47	SOE27XK04	87/D OVERALL DIFF. TRIP	SER								
48	SOE28XK05	GT BAY BUS BAR PROT. TRIP	SER								
49	SOE29XK06	GT BAY MANAGEMENT PROT. TRIP	SER								
50	SOE30XK07	51/GTN GT EARTH FAULT 1ST STAGE TRIP	SER								
51	SOE31XK08	51/GTN GT EARTH FAULT 2ND STAGE TRIP	SER								
52	SOE32XK09	99/GT OIL LOW LEVEL 2ND STAGE TRIP	SER								
53	SOE33XK10	97/GT BUCHOLZ (TRANSF.) 2ND STAGE TRIP	SER								
54	SOE34XK11	97/GT BUCHOLZ (OLTC) 2ND STAGE TRIP	SER								
55	SOE35XK12	49/GT THERMAL IMAGE 2ND STAGE TRIP	SER								
56	SOE36XK13	26/GT DIAL THERMOMETER 2ND STAGE TRIP	SER								
57	SOE37XK14	63-1/GT SAFETY VALVE TRIP	SER								
58	SOE14XK04	59G2 OVERVOLTAGE 3RD STAGE TRIP	SER								
59	SOE15XK15	96G DEAD MACHINE TRIP	SER								
60	SOE16XK16	TURBINE TRIP SYS 2 COND. REVERSE PWR TRIP	SER								
61	SOE17XK17	REVERSE POWER 2ND STAGE 2ND STAGE TRIP	SER								
62	SOE18XK18	88G/1A LOCK OUT RELAY TRIP	SER								
63	SOE19XK19	88G/2A LOCK OUT RELAY TRIP	SER								
64	SOE20XK20	88G/1B LOCK OUT RELAY TRIP	SER								
65	SOE21XK21	88G/2B LOCK OUT RELAY TRIP	SER								
66	SOE22XK22	GEN. BRK CLOSED	SER								
67	SOE23XK23	GEN. BRK OPEN	SER								
68	SOE1XK01	98G POLE SLIPPING TRIP	SER								
69	SOE2XK02	59G1 OVERVOLTAGE 2ND STAGE TRIP	SER								
70	SOE3XK03	87G GEN. DIFFER. TRIP	SER								
71	SOE4XK04	64G STATOR GROUND FAULT (100%) TRIP	SER								
72	SOE5XK05	64R-2 ROTOR GROUND 2ND STAGE TRIP	SER								
73	SOE6XK06	40G LOSS OF EXCITATION 1ST STAGE TRIP	SER								
74	SOE7XK07	40G LOSS OF EXCITATION 2ND STAGE TRIP	SER								
75	SOE8XK08	21G2 UNDERIMPEDENCE 1ST STAGE TRIP	SER								
76	SOE9XK09	46G NEGATIVE SEQUENCE SECOND STAGE TRIP	SER								
77	SOE10XK10	49/50G OVERLOAD (THERMAL IMAGE) TRIP	SER								
78	SOE11XK11	32G1 REVERSE POWER 2ND STAGE TRIP	SER								
79	SOE12XK12	TURBINE TRIP SYS 1 COND. REVERSE PWR TRIP	SER								
80	SOE13XK13	37G1 LOW FORWARD RELAY 2ND STAGE TRIP	SER								