

NUCLEAR SAFETY RELATED

JOB CODE "NQ"

LOAD GROUP C, OR CHANNEL C, POWER, CONTROL AND INSTRUMENTATION CIRCUITS, RACEWAYS AND EQUIPMENT FOR UNITS 2 & 3, COMMON FOR UNITS 2 & 3

40 REV. & ADDED CKT INCORP. FOR E-4538	7-31-80	AAK	ARS	OK	GH	-	R/111	
39 REV. & ADD. CKT, INCORP. FOR E-3954, 4107, 4219, 4033	7-3-80	AAK	ARS	OK	FLOR	-	R/111	
38 REV. & ADD. CKT.	5/29/80	AAK	ARS	OK	GH	-	R/111	
37 REV. & ADDED CKT, INCORP. FOR E-3151, 455	4-28-80	AAK	ARS	OK	GH	-	R/111	
36 REV. & ADDED CKT	3-20-80	AAK	ARS	OK	GH	-	R/111	
35 REV. & ADDED CKT	2-25-80	AAK	ARS	OK	GH	-	R/111	
34 REV. & ADDED CKT, INCORP. FOR E-1800, 1843	2-1-80	AAK	ARS	OK	GH	-	R/111	
43 REV. & ADDED CKT, INCORP. FOR E-4865	11-6-80	AAK	ARS	OK	GH	-	R/111	
42 REV. & ADDED CKT INCORP. FOR E-4823, X018E, X051E, DCN-5	10-1-80	AAK	Hi	OK	GH	-	R/111	
41 REV. & ADD. CKT, INCORP. FOR E-4693, 4473	9/2/80	AAK	ARS	OK	GH	-	R/111	
0 ISSUED FOR CONSTRUCTION	1-31-77	SE	AAK	OK	GH	-	R/111	
NO.	REVISIONS	DATE	DR.	CHK.	EGS.	CHF. E.	P. E.	Q. A. E.

BECHTEL CORPORATION ENGINEERS & CONSTRUCTORS LOS ANGELES, CALIF.			J. O. NO. FILE	SAN ONOFRE NUCLEAR GENERATING STATION CIRCUIT SCHEDULE			
JOB NO. 10079-003	DATE 3-26-75	APPROVED	SOUTHERN CALIFORNIA EDISON COMPANY SCALE				LOS ANGELES, CALIF.

8108120 **662**



34707-43

ELECTRICAL CIRCUIT SCHEDULE

2CR 129L

(E553-R13/ 29)

DATE 08 NOV 80

JOB NO

10079

3

0

NO SONGS 2&3 CHANNEL C INST

REV 55 RUN 100 2C PG 29

ACTION	CABLE NUMBER	CABLE DESTINATION FROM TO	QWC METER SVS	CABLE DESCRIPTION		S T A T U S	WIRES						VIAS													
				AMOUNT FOUR	LENGTH RELEASED ACTUAL		NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	FROM TO													
														NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	
12A	2CRL12908	2CC41P54 2CB3RTE0112	4555 C	1 L46	144 187	F T	RC1 RL	BK GR	RC2	WH	RH	RD	2021 2084	BQCYA7	BQCYA1	BQCYA2	CACW07	CACW05								
	2CRL12909	2CR2RL129 2CC41P54	4555 H	1 L46	251 270	F T	RC1 RL	BK GR	RC2	WH	RH	RD	1612 2021	QWCRO5 QXCWA9 IACWA1	QWCY5A IACWA8 IBCWA1	QWCY3A IACWA7 IBCWA2	QWCY2A IACWA6 IBCWA3	QWCY1A IACWA5 IDCWA1	QWCWB4 IACWA4 DACWA2	QWCWB3 IACWA3 DACWA1	QXCWB2 IACWA2					
12B	2CRL12910	2CC41P54 2CB3RTE0122	4555 C	1 L46	289 320	F T	RC1 RL	BK GR	RC2	WH	RH	RD	2021 2084	BQCYA7 BWCYA2 CGCW01	BQCYA1 BWCYA3	BQCYA2 BWCYA4	BQCYA3 BWCYA5	BQCYA4 BVCYA5	BQCYA5 BVCW03	BQCYA6 BVCYA6	BWCYA1 BUCW02					
	2CRL12911	2CR2RL129 2CR2RLO91	4555 G	1 L26	122 136	F T	N	BK	P	WH			1612 1579	QWCRO5 QXCYA9	QWCY5A IACYAR	QWCY3A IACYA7	QWCY2A IACYB5	QWCY1A IACRO2	QWCYB4	QWCYB3	QXCYB2					
	2CRL12912	2CR2RL129 2CR2RLO91	4555 G	1 L26	122 136	F T	N	BK	P	WH			1612 1579	QWCRO5 QXCYA9	QWCY5A IACYAR	QWCY3A IACYA7	QWCY2A IACYB5	QWCY1A IACRO2	QWCYB4	QWCYB3	QXCYB2					
	2CRL12913	2CR2RL129 2CR2RLO32	4555 # 3	1 LA5	124 154	F T	A E K P V SA SF SK	BK WH DR WH R-BK WH RLBK WH	B	WH GR WH W-BK WH D-BK WH SPSRDWH	D H N T Z SD SJ SPSPWH	RD WH BL WH G-BK WH BK-W	1612 1541	QWCRO5 QXCWA9	QWCY5A IACWA8	QWCY3A IACWA7	QWCY2A IACWA6	QWCY1A IACX5A	QWCWB4 IACW45	QWCWB3	QXCWB2					
	2CRL12914	2CR2RL129 2CC41P54	4555 H	1 L26	251 270	F T	N	BK	P	WH			1612 2021	QWCRO5 QXCWA9 IACWA1	QWCY5A IACWA8 IBCWA1	QWCY3A IACWA7 IBCWA2	QWCY2A IACWA6 IBCWA3	QWCY1A IACWA5 IDCWA1	QWCWB4 IACWA4 DACWA2	QWCWB3 IACWA3 DACWA1	QXCWB2 IACWA2					
	2CRL12915	2CC41P54 2CB3RPT0101	4555 C	1 L26	462 525	F T	N	BK	P	WH			2021 2084	BQCYA7 BWCYA2 CACZ01	BQCYA1 BWCYA3	BQCYA2 BWCYA4	BQCYA3 BWCYA5	BQCYA4 BVCYA5	BQCYA5 BVCW03	BQCYA6 BVCYA6	BWCYA1 CACW04					
	2CRL12916	2CR2RL129 2CR2RLO91	4555 G	1 L26	122 136	F T	N	BK	P	WH			1612 1579	QWCRO5 QXCYA9	QWCY5A IACYAR	QWCY3A IACYA7	QWCY2A IACYB5	QWCY1A IACRO2	QWCYB4	QWCYB3	QXCYB2					
	2CRL12917	2CR2RL129 2CC41P54	4555 H	1 L26	251 270	F T	N	BK	P	WH			1612 2021	QWCRO5 QXCWA9 IACWA1	QWCY5A IACWA8 IBCWA1	QWCY3A IACWA7 IBCWA2	QWCY2A IACWA6 IBCWA3	QWCY1A IACWA5 IDCWA1	QWCWB4 IACWA4 DACWA2	QWCWB3 IACWA3 DACWA1	QXCWB2 IACWA2					
1226	2CRL12918	2CC41P54 2CB3RPT0102	4555 C	1 L26	462 526	F T	N	BK	P	WH			2021 2084	BQCYA7 BWCYA2 CACZ01	BQCYA1 BWCYA3	BQCYA2 BWCYA4	BQCYA3 BWCYA5	BQCYA4 BVCYA5	BQCYA5 BVCW03	BQCYA6 BVCYA6	BWCYA1 CACW04					

FORM LAO-0898 (11-72) 80

10

ELECTRICAL C. JUIT SCHEDULE

2CRLO91.

(E553-R13/ 28)
DATE 08 NOV 80

JOB NO 10079 3 0 NO SONGS 2&3 CHANNEL C INST

REV 55 RUN 100 20 PG 28

A C T I O N	CABLE NUMBER	CABLE DESTINATION FROM TO	OWC PREFIX SYN	CABLE DESCRIPTION		S T A T U S	WIRES						VIAS													
				AMOUNT 700K	LENGTH RELEASED ACTUAL		NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR								
																			FROM	TO						
	2CRLO9128	2CB5R5TO123 2CB4R5EO123	4602 C	1 LA2	58 76	F T	P							20R4 NONE	BQCW05	BQCW01	BPCW01									
	2CRLO9129	2CB5R5TO133 2CB4R5EO133	4602 C	1 LA2	61 74	F T	P							20R4 NONE	BWCW03	BWCW01	BWCW05									
	2CRLO9130	2CB5R5TO143 2CB4R5EO143	4602 C	1 LA2	93 74	F T	P							20R4 NONE	CICW04	CICW01	CICW08									
	2CRLO9131	2CR2RLO91 2CR2RLO32	4602 G	1 L46	68 100	P	540 BK 543 GR	541 WH	542 RD	1579 1541	IACX51	IACX4A	IACWA7	IACWA6	IACX5A	IACW45										
	2CRLO9132	2CR2RLO91 2CR2RLO32	4602 G	1 L46	68 100	P	544 BK 547 GR	545 WH	546 RD	1579 1541	IACX51	IACX4A	IACWA7	IACWA6	IACX5A	IACW45										
	2CRLO9133	2CR2RLO91 2CR2RLO32	4602 G	1 L46	68 100	F	548 BK SP2 GR	549 WH	SP1 RD	1579 1541	IACX51	IACX4A	IACWA7	IACWA6	IACX5A	IACW45										
	2CRLO9134	2CR2RLO91 2CR2RCR56	4602 G	1 L35	95 95	F	PLUG			1579 1505	IACR02	IACYB5	IACYA7	IACYA8	QXCVA9	QXCWB2	QWCYB3	QWCY1B								
	2CRL10301	2CR2RL103 2CC4RRE7860	4635 H	1 L78	444 290	P	550 BK 550 GR SP1 W-BK	550 WH 550 BR	550 RD 550 BL	1591 2022	QXCW02 IACWA4 DACWA2	QXCWB1 IACWA3 DACWA1	QXCWB2 IACWA2 DACW01	QXCWA9 IACWA1 PVCW01	IACWA8 IACWA1 PVCW02	IACWA7 IACWA2 IACWA3	IACWA6 IACWA3 IACWA1	IACWA5 IACWA3 IACWA1	IACWA4 IACWA1 DACWA2	IACWA3 IACWA1 DACWA1	IACWA2 IACWA1 DACWA1	IACWA1 IACWA1 DACWA1	IACWA1 IACWA1 DACWA1	IACWA1 IACWA1 DACWA1	IACWA1 IACWA1 DACWA1	
	2CRL12901	2CR2RL129 2CC4IP54	4555 H	1 L46	251 270	F T	RC1 BK RL GR	RC2 WH	RH RD	1612 2021	QWCW05 QXCWA9 IACWA1	QWCY5A IACWA8 IBCWA1	QWCY3A IACWA7 IBCWA2	QWCY2A IACWA6 IBCWA3	QWCY1A IACWA5 IDCWA1	QWCWB4 IACWA4 DACWA2	QWCWB3 IACWA3 DACWA1	QXCWB2 IACWA2 DACWA1								
(1-2)	2CRL12902	2CC4IP54 2CB3RTE9178	4555 C	1 L46	154 193	F T	RC1 BK RL GR	RC2 WH	RH RD	2021 20B4	BQCYA7	BQCYA1	BQCYA2	CACW07	CACW06											
	2CRL12903	2CR2RL129 2CC4IP54	4555 H	1 L46	251 270	F T	RC1 BK RL GR	RC2 WH	RH RD	1612 2021	QWCW05 QXCWA9 IACWA1	QWCY5A IACWA8 IBCWA1	QWCY3A IACWA7 IBCWA2	QWCY2A IACWA6 IBCWA3	QWCY1A IACWA5 IDCWA1	QWCWB4 IACWA4 DACWA2	QWCWB3 IACWA3 DACWA1	QXCWB2 IACWA2 DACWA1								
(1-2)	2CRL12904	2CC4IP54 2CB3RTE9179	4555 C	1 L46	284 320	F T	RC1 BK RL GR	RC2 WH	RH RD	2021 20R4	BQCYA7 BWCYA2 BUCW01	BQCYA1	BQCYA2	BQCYA3	BQCYA4	BQCYA5	BQCYA6	BWCYA1 BVCW03	BWCYA2 BVCW03	BWCYA3 BVCW03	BWCYA4 BVCW03	BWCYA5 BVCW03	BWCYA6 BVCW03	BWCYA7 BVCW03	BWCYA8 BVCW03	BWCYA9 BVCW03
	2CRL12905	2CR2RL129 2CR2RLO91	4555 G	1 L26	122 136	F T	N BK P WH	P WH		1612 1579	QWCW05 QXCVA9	QWCY5A IACYA8	QWCY3A IACYA7	QWCY2A IACYB5	QWCY1A IACR02	QWCYB4	QWCYB3	QXCWB2								
	2CRL12906	2CR2RL129 2CR2RLO91	4555 G	1 L26	122 136	F T	N BK P WH	P WH		1612 1579	QWCW05 QXCVA9	QWCY5A IACYA8	QWCY3A IACYA7	QWCY2A IACYB5	QWCY1A IACR02	QWCYB4	QWCYB3	QXCWB2								
	2CRL12907	2CR2RL129 2CC4IP54	4555 H	1 L46	251 270	F T	RC1 BK RL GR	RC2 WH	RH RD	1612 2021	QWCW05 QXCWA9 IACWA1	QWCY5A IACWA8 IBCWA1	QWCY3A IACWA7 IBCWA2	QWCY2A IACWA6 IBCWA3	QWCY1A IDCWA1	QWCWB4 IACWA4 DACWA2	QWCWB3 IACWA3 DACWA1	QXCWB2 IACWA2 DACWA1								

FORM LAO-0899 (X3700) 2-80

ELECTRICAL CIRCUIT SCHEDULE

2CRL1291

(F553-R13/ 30)
DATE 08 NOV 80

JOB NO 10079 J O

NO SONGS 2&3 CHANNEL C INST

REV 55 RUN 100 2C PG 30

A C T I O N	CABLE NUMBER	CABLE DESTINATION FROM TO	CABLE DESCRIPTION CABLE TYPE	S T A T U S	WIRES						VIAS									
					NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR										
					LENGTH RELEASED	LENGTH ACTUAL	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR	NUMBER	COLOR
2CRL12919	2CR2RL129 2CR2RLO32	4555 *G	1 LA5	124 154	F T	A	BK	B	WH	D	RD	1612	QWC805	QWCY5A	QWCY3A	QWCY2A	QWCY1A	QWCW84	QWCW83	QXCW82
						E	WH	G	GR	H	WH	1541	QXCWA9	IACWA8	IACWA7	IACWA6	IACWA5	IACWA4	IACWA3	IACWA2
2CRL12921	2CR2RL129 2CR3RLO42	4555 G	1 L26	418 396	F T	N	BK	P	WH			1612	QWC805	QWCY5A	QWCY3A	QWCY2A	QWCY1A	QWCW84	QWCW83	QXCW82
												1551	QXCWA9	IACWA8	IACWA7	IACWA6	IACWA5	IACWA4	IACWA3	IACWA2
2CRL12922	2CR2RL129 2CC4IP54	4555 H	1 L26	251 270	F T	N	BK	P	WH			1612	QWC805	QWCY5A	QWCY3A	QWCY2A	QWCY1A	QWCW84	QWCW83	QXCW82
												2021	QXCWA9	IACWA8	IACWA7	IACWA6	IACWA5	IACWA4	IACWA3	IACWA2
127 2CRL12923	2CC4IP54 2CB4SPT1013	4555 C	1 L26	140 159	F T	N	BK	P	WH			2021	BQCYA7	BQCYA1	BQCYA2	BQCYA3	BQCYA4	BQCYA5	BQCYA6	BQCYA1
												2084	BWCYA2	BWCYA3	BWCYA4	BWCYA5	BVCYA5	BVCW03	BVCYA6	BVCW02
2CRL12924	2CR2RL129 2CC4IP54	4555 H	1 L26	251 270	F T	N	BK	P	WH			1612	QWC805	QWCY5A	QWCY3A	QWCY2A	QWCY1A	QWCW84	QWCW83	QXCW82
												2021	QXCWA9	IACWA8	IACWA7	IACWA6	IACWA5	IACWA4	IACWA3	IACWA2
1-30 2CRL12925	2CC4IP54 2CB4SPT1023	4555 C	1 L26	353 340	F T	N	BK	P	WH			2021	BQCYA7	BQCYA1	BQCYA2	BQCYA3	BQCYA4	BQCYA5	BQCYA6	BQCYA1
												2084	BWCYA2	BWCYA3	BWCYA4	BWCYA5	BVCYA5	BVCW03	BVCYA6	BVCW02
2CRL12926	2CR2RL129 2CR3RLO42	4555 G	1 L26	418 476	F T	N	BK	P	WH			1612	QWC805	QWCY5A	QWCY3A	QWCY2A	QWCY1A	QWCW84	QWCW83	QXCW82
												1551	QXCWA9	IACWA8	IACWA7	IACWA6	IACWA5	IACWA4	IACWA3	IACWA2
2CRL12933	2CR2RL129 2CC4IP54	4555 H	1 L26	251 270	F T	N	BK	P	WH			1612	QWC805	QWCY5A	QWCY3A	QWCY2A	QWCY1A	QWCW84	QWCW83	QXCW82
												2021	QXCWA9	IACWA8	IACWA7	IACWA6	IACWA5	IACWA4	IACWA3	IACWA2
129 2CRL12934	2CC4IP54 2CB4SLT1123	4555 C	1 L26	353 340	F T	N	BK	P	WH			2021	BQCYA7	BQCYA1	BQCYA2	BQCYA3	BQCYA4	BQCYA5	BQCYA6	BQCYA1
												2084	BWCYA2	BWCYA3	BWCYA4	BWCYA5	BVCYA5	BVCW03	BVCYA6	BVCW02
2CRL12935	2CR2RL129 2CC4IP54	4555 H	1 L26	251 270	F T	N	BK	P	WH			1612	QWC805	QWCY5A	QWCY3A	QWCY2A	QWCY1A	QWCW84	QWCW83	QXCW82
												2021	QXCWA9	IACWA8	IACWA7	IACWA6	IACWA5	IACWA4	IACWA3	IACWA2
128 2CRL12936	2CC4IP54 2CB4SLT1113	4555 C	1 L26	140 159	F T	N	BK	P	WH			2021	BQCYA7	BQCYA1	BQCYA2	BQCYA3	BQCYA4	BQCYA5	BQCYA6	BQCYA1
												2084	BWCYA2	BWCYA3	BWCYA4	BWCYA5	BVCYA5	BVCW03	BVCYA6	BVCW02

FORM L40 (REV 11/70) 2-80

12