

NSLS Master Power Distribution List

	Input Voltage Rating	Type of Device	Panel or Disconnect Name	Old Name(s)	Has Blu/Wht Label	Has Grn/Blu Label	Directory Card Installed	Location of Disconnect In Room or Area	Where Device Feed From	What This Device Feeds	Downstream Endpoint LOAD
1	208/120V	PANEL	U1-LPU1	LPU1	YES	YES	YES NEEDS CARD UPDATE	ON BEAMLINE U1	1004-PP-BDP1	U1 PWR	SEE DIRECTORY ON PANEL
2	208/120V	PANEL	U1-PP-U1	PPU1	YES	YES	YES	FRONT OF BEAMLINE U2	U1-LPU1 BKR# 4,6,8		
3	208/120V	PANEL	U2-LP-1	LP1	YES	YES	YES	BY U3 START	1004-PP-BDP1	U2 PWR	SEE DIRECTORY ON PANEL
4	208/120V	PANEL	U2-LP-2	LP2	YES	YES	YES	AT U2 HUTCH	1004-PP-BDP1	U2 POWER	SEE DIRECTORY ON PANEL
5	208/120V	PANEL	U3-DP-UV3	DPUV3	YES	YES	YES	AT END OF U3 LINE	1004-PP-BPD1		SEE DIRECTORY ON PANEL
6	208/120V	PANEL	U3-LPU3	LPU3	YES	YES	YES	BY U3 START	1004-PP-BPD1	U3 PWR	SEE DIRECTORY ON PANEL
7	208/120V	PANEL	U4-LPU4	LPU4	YES	YES	YES	BEHIND U4 LINE	1004-PP-BPD1	U4 PWR	SEE DIRECTORY ON PANEL
8	208/120V	PANEL	U4-PP-U2A	PPU2A	YES	YES	YES	AT END OF U4 IN DOORWAY	U4-SW-U2A		SEE DIRECTORY ON PANEL
9	208/120V	SWITCH	U4-SW-U2A	U2A	YES	YES	NOT NEEDED	AT END OF U4 IN DOORWAY	1108A-PP1		
10	208/120V	SWITCH	U4-SW-LPU4	U4	YES	YES	NOT NEEDED	AT END OF U4 IN DOORWAY	1004-PP-BPD1		
11	480V	TRANSFORMER	U4-TR5	TR5	YES	YES	NOT NEEDED	ABOVE 1108A	1108A-PP1		
12	208/120V	PANEL	U5-LPU5	LPU5	YES	YES	YES	BEHIND U4 LINE	1004-PP-BPD2	U5 PWR	SEE DIRECTORY ON PANEL
13	208/120V	PANEL	U6-LPU6-1	LPU61	YES	YES	YES	RIGHT SIDE HUTCH U6	U6-SW-TR-U6A		SEE DIRECTORY ON PANEL
14	208/120V	PANEL	U6-PP-U6-1	PPU61	YES	YES	YES	END OF AISLE U6	U6-PP-VUV-3		
15	208/120V	PANEL	U6-PP-U6-2	PPU62	YES	YES	YES	END OF AISLE U6	U6-PP-VUV-3		SEE DIRECTORY ON PANEL
16	208/120V	PANEL	U6-PP-U6-3	PPU63	YES	YES	YES	END OF AISLE U6	U6-PP-VUV-3		SEE DIRECTORY ON PANEL
17	480V	PANEL	U6-PP-VUV-3	PPVUV3	YES	YES	YES	END OF AISLE U6	1002-UVDISTCTR BKR# 10		
18	208/120V	SWITCH	U6-SW-TR-U6-1	TR6	YES	YES	NOT NEEDED	OUTSIDE RM 1104	U6-PP-VUV-3		
19	208/120V	SWITCH	U6-SW-TR-U6-3	TR7	YES	YES	NOT NEEDED	OUTSIDE RM 1104	U6-PP-VUV-3		
20	480V	TRANSFORMER	U6-TR-U6-1	TR6	YES	YES	NOT NEEDED	OUTSIDE RM 1104	U6-PP-VUV-3		
21	480V	TRANSFORMER	U6-TR-U6-3	TR7	YES	YES	NOT NEEDED	OUTSIDE RM 1104	U6-PP-VUV-3		
22	208/120V	PANEL	U7-LPU7	LPU7	YES	YES	YES	BY U6 BEAMLINE	1004-PP-BPD2	U7 PWR	SEE DIRECTORY ON PANEL
23	208/120V	PANEL	U7-U8-PP-U7-U8	PPU7U8	YES	YES	YES NEEDS BKR TRACE	BY U7 BEAMLINE	U7-SW-TR-U7-U8	BEAMLINE U7&U8	
24	208/120V	SWITCH	U7-SW-TR-U7-U8	TRU7U8	YES	YES	NOT NEEDED	BY U7 BEAMLINE	U6-PP-VUV-3		
25	480V	TRANSFORMER	U7-TR-U7-U8	TRU7U8	YES	YES	NOT NEEDED	BY U7 BEAMLINE	U6-PP-VUV-3		
26	480V	SWITCH	U6-SW-TR-U6A	TRU8	YES	YES	NOT NEEDED	BY U7 BEAMLINE	U9-SW-BDPT		
27	208/120V	TRANSFORMER	U6-TR-U6A	TRU8	YES	YES	NOT NEEDED	HIGH UP ON HUTCH U6	U9-SW-BDPT		
28	208/120V	PANEL	U8-LPU6-2	LPU62	YES	YES	YES	BY U6 BEAMLINE	1004-PP-BPD2	U6A PWR	SEE DIRECTORY ON PANEL
29	208/120V	PANEL	U8-LPU8	LPU8	YES	YES	YES	BY RF CAVITY	1004-PP-BPD2	U8 PWR	SEE DIRECTORY ON PANEL
30	480V	PANEL	U8-PP-VUV2	PPVUV2	YES	YES	YES NEEDS BKR TRACE	OPP END OF U8C	1193-IDC SW# 11	U8C PWR	SEE DIRECTORY ON PANEL
31	480V	TRANSFORMER	U8-TR-PP-LOBBY	NONE	YES	YES	NOT NEEDED	OPP END OF U8C	U8-PP-VUV2		
32	208/120V	PANEL	U8-PP-LOBBY	NONE	YES	YES	YES	OPP END OF U8C	U8-PP-VUV2 BKR# 9		
33	208/120V	PANEL	U8-LPU6A	LPU6A	YES	YES	YES	BY U6 BEAMLINE	1004-PP-BPD2	U6A PWR	SEE DIRECTORY ON PANEL
34	208/120V	PANEL	U8C-LPU8C	LPU8C	YES	YES	YES NEEDS BKR TRACE	BY U6 BEAMLINE	1004-PP-BPD2		
35	208/120V	PANEL	U8-LPU9C	LPU9C	YES	YES	YES	BY RF CAVITY	1004-PP-BPD2	U9C PWR	SEE DIRECTORY ON PANEL
36	480V	PANEL	U9-LPX	LPX LCP	YES	YES	YES	BY LOBBY DOORWAY@U9	1193-LODC3 SW# 11	LIGHTS	SEE DIRECTORY ON PANEL
37	480V	PANEL	U9-PP-VUV-1	PPVUV1	YES	YES	YES NEEDS BKR TRACE	OPP END OF U9	1193-IDC SW# 11	U9 PWR	
38	480V	SWITCH	U9-SW-BDPT	BDPT	YES	YES	NOT NEEDED	OPP END OF U9	1193-IDC SW# 11	XFMR FEED	XFMR FEED
39	480V	SWITCH	U9-SW-EAST CRANE DISCONNECT	EASTCRANE	YES	YES	NOT NEEDED	ON EAST CRANE BRIDGE	1115-MCC3 SW# 11		
40	480V	SWITCH	U9-SW-U9,U11,U15 EX FAN	U9U11U15EXFAN	YES	YES	NOT NEEDED	ON OUTER WALL	U9-PP-VUV-1		
41	480V	SWITCH	U9-SW-WEST CRANE DISCONNECT	WEST CRANE	YES	YES	NOT NEEDED	ON WEST CRANE BRIDGE	1115-MCC3-SW#12		
42	208/120V	PANEL	U9A-LPU10A	LPU10A	YES	YES	YES	BY U9 START	1004-PP-BPD3	U9A PWR	U9A PWR
43	208/120V	PANEL	U11-PP-U12-IR	PPU12IR	YES	YES	YES	BY U9 WALL	1004-PP-BPD3		
44	208/120V	PANEL	U11-LP-U11	LPU11	YES	YES	YES NEEDS BKR TRACE	BY U9 START	1004-PP-BPD3	U11 PWR	U11 PWR
45	208/120V	PANEL	U11A-LPU11A	LPU11A	YES	YES	YES	BY U9 START	1004-PP-BPD3	U11A PWR	U11A PWR
46	208/120V	PANEL	U12-LP-U12	LPU12	YES	YES	YES	BY U13 START	1004-PP-BPD3	U12 PWR	U12 PWR
47	208/120V	PANEL	U13-LPU13	LPU13	YES	YES	YES NEEDS BKR TRACE	BY U13 START	1004-PP-BPD4	U13 PWR	U13 PWR
48	208/120V	PANEL	U13A-LPU13A	LPU13A	YES	YES	YES NEEDS BKR TRACE	ON U13A HUTCH	1004-PP-BPD4	U13A PWR	U13A PWR
49	208/120V	PANEL	U14A-LPU14A	LPU14A	YES	YES	YES	BY U14 BEAMLINE	1004-PP-BPD4	U14A PWR	U14A PWR
50	208/120V	PANEL	U14B-LPU14B	LPU14B	YES	YES	YES	BY U14 BEAMLINE	1004-PP-BPD4	U14B PWR	U14B PWR
51	208/120V	PANEL	U15-LPU15-1	LPU151	YES	YES	YES HAS A DRAWING	UPSTREAM END	1004-PP-BPD4	U15 POWER	U15 POWER
52	208/120V	PANEL	U15-LPU15-2	LPU151	YES	YES	YES	UPSTREAM END	1004-PP-BPD4	U15 POWER	U15 POWER
53	480V	PANEL	U15-LPX	LPX OR LCP	YES	YES	YES	ON AISLE WALL	1193-LODC3 SW #11		SEE DIRECTORY ON PANEL
54	208/120V	PANEL	U16-LPU16-1	LPU161	YES	YES	YES	ON SIDE OF U15 HUTCH	1004-PP-BPD4	U16 POWER	U16 POWER
55	208/120V	PANEL	U16-LPU16-2	LPU162	YES	YES	YES NEEDS BKR TRACE	ON INJECTION STRAIGHT	1004-PP-BPD4	U16 POWER	U16 POWER

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56	208/120V	PANEL	X1A-PDP-X1A	PDPX1A	YES	YES	YES	ACROSS FROM CONTROL ROOM	X3-SW-TR1A FROM X5-PP480A	X1APWR	X1APWR
57	208/120V	PANEL	X1B-PDP-X1B	PDPX1B	YES	YES	YES	MIDDLE OF BEAM X1A	X3-SW-TR1B FROM X5-PP480A	X1BPWR	X1BPWR
58	480V	PANEL	X1-LPX	LPX OR LCP	YES	YES	YES	1193 AREA	1193-LODC3 SW# 13		
59	208/120V	PANEL	X1-PP208	PP208	YES	YES	YES	1193 AREA	1193-LDP-A CKT# 2		
60	208/120V	SWITCH	X1-SW-EXHFAN	EXHFAN	YES	YES	NOT NEEDED	NEXT TO X1B-PDP-X1B	X1B-PDP-X1B CKT 26,28,30	X1 EXHAUST FAN	
61	208/120V	PANEL	X2A-PDP-X2A-2	PDPX2A2	YES	YES	YES	UPSTREAM END	X3-SW-TR2 FROM X5-PP480A	X2 PWR	X2 PWR
62	208/120V	PANEL	X2B-PDP-X2B-1	PDPX2B1	YES	YES	YES NEEDS BKR TRACE	SIDE OF HUTCH	X3-SW-TR2 FROM X5-PP480A	X2 PWR	X2 PWR
63	208/120V	SWITCH	X3-SW-TR1A	TR1A	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480A CKT# 9	X1A POWER	X1A POWER
64	208/120V	SWITCH	X3-SW-TR1B	TR1B	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480A CKT# 9		
65	208/120V	SWITCH	X3-SW-TR2	TR2	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480A CKT# 11	X2 POWER	X2 POWER
66	208/120V	SWITCH	X3-SW-TR3	TR3	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480B CKT# 20,22,24	X3 POWER	X3 POWER
67	208/120V	SWITCH	X3-SW-TR4	TR4	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480B CKT# 25,27,29	X1B POWER	X1B POWER
68	480V	TRANSFORMER	X3-TR1	TR1	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480A CKT# 9	DISTRIBUTION XFMR	DISTRIBUTION XFMR
69	480V	TRANSFORMER	X3-TR2	TR2	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480A CKT#11	DISTRIBUTION XFMR	X2 POWER
70	480V	TRANSFORMER	X3-TR3	TR3	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480B CKT# 20,22,24	DISTRIBUTION XFMR	X3 POWER
71	480V	TRANSFORMER	X3-TR4	TR4	YES	YES	NOT NEEDED	TOP OF X3,4 SAWTOOTH	X5-PP480B CKT# 25,27,29	DISTRIBUTION XFMR	DISTRIBUTION XFMR
72	208/120V	PANEL	X3A-PDP-X3A	PDPX3A	YES	YES	YES	SIDE OF HUTCH	X3-SW-TR3 FROM X5-PP480B	X3A POWER	X3A POWER
73	208/120V	PANEL	X3A2-PDP-X3B1,2	PDPX3B1,2	YES	YES	NO INFO ON CARD	SIDE OF HUTCH	X3-SW-TR3 FROM X5-PP480B	X3A POWER	X3A POWER
74	208/120V	PANEL	X4A/X4C-PPX4	X4CPPX4	YES	YES	YES	SIDE OF HUTCH	X3-SW-TR4 FROM X5-PP480B	X4 POWER	X4 POWER
75	208/120V	PANEL	X4A-PP-1	PP1	YES	YES	YES	SIDE OF OFFICE	X3-SW-TR4 FROM X5-PP480B		
76	208/120V	PANEL	X4A-PP-2	PP2	YES	YES	YES	SIDE OF HUTCH	X3-SW-TR4 FROM X5-PP480B		
77	480V	PANEL	X5-PP-2	PP2	YES	YES	YES	UNDER WALKWAY	1168-PP-1 BKR# 1		
78	208/120V	PANEL	X5-LP-4	LP4	YES	YES	YES	ON WALKWAY	1168-PP-1 BKR# 6 VIA X5-TR-X5LP4		
79	208/120V	PANEL	X5-LP-5	LP5	YES	YES	YES	ON WALKWAY	1168-PP-1 BKR# 7 VIA X5-TR-X5LP5		
80	480V	PANEL	X5-LPX	LPX OR LCP	YES	YES	YES	ON WALKWAY	1193-LODC3 SW# 13		
81	208/120V	PANEL	X5-PP-208	PP208 (PPX2)	YES	YES	YES	ON WALKWAY	1193-LDP-A SW# 4		
82	480V	PANEL	X5-PP480A	PP480A	YES	YES	YES	ON WALKWAY	1200-PP-XRAY EXP PNL A/B CKT# 6	FEEDS X1 & X2	
83	480V	PANEL	X5-PP480B	PP480B	YES	YES	YES	ON WALKWAY	1200-PP-XRAY EXP PNL A/B CKT# 8	FEEDS X3,X4,X6	
84	208/120V	SWITCH	X5-SW-ND-YLF LASER	NDYFLASER	YES	YES	NOT NEEDED	ON WALKWAY	X5-LP-4 CKT# 14,16,18		
85	480V	SWITCH	X5-SW-SWEEPING MAG. PUMP 1	SWEEPING MAGPUMP1	YES	YES	NOT NEEDED	ON WALKWAY	X5-PP-2 CKT# 1		
86	480V	SWITCH	X5-SW-SWEEPING MAG. PUMP 2	SWEEPING MAGPUMP2	YES	YES	NOT NEEDED	ON WALKWAY	X5-PP-2 CKT# 1		
87	480V	SWITCH	X5-SW-SWEEPING MAG. PUMP 2 TRANSFER	NONE	YES	YES	NOT NEEDED	ON WALKWAY	X5-SW-SWEEPING MAG. PUMP 2	SWEEPING MAG PUMPS A&B	
88	480V	TRANSFORMER	X5-TR-X5LP4	TRX5	NO	NO	NOT NEEDED	ON WALKWAY BACK OF X5-LP-4	1168-PP-1 BKR# 6	X5 POWER	X5 POWER
89	480V	TRANSFORMER	X5-TR-X5LP5	TRX5	NO	NO	NOT NEEDED	ON WALKWAY BACK OF X5-LP-4	1168-PP-1 BKR# 7	DISTRIBUTION XFMR	X5 POWER
90	208/120V	SWITCH	X6-SW-TR6	TR6	YES	YES	NOT NEEDED	TOP OF X5,6 SAWTOOTH	X5-PP-480B CKT# 26,28,30	X6 POWER	X6 POWER
91	480V	TRANSFORMER	X6-TR6	TR6	YES	YES	NOT NEEDED	TOP OF X5,6 SAWTOOTH	X5-PP-480B CKT# 26,28,30	DISTRIBUTION XFMR	X6 POWER
92	208/120V	PANEL	X6A-PDP-X6A	PDPX6A	YES	YES	YES	SIDE OF X6A HUTCH	X6-SW-TR6	X6 POWER	X6 POWER
93	208/120V	PANEL	X6A-PDP-X6B	PDPX6B	YES	YES	YES	SIDE OF X6A HUTCH	X6-SW-TR6	X6 POWER	X6 POWER
94	208/120V	SWITCH	X7-SW-TR7	TR7	YES	YES	NOT NEEDED	TOP OF X7,8 SAWTOOTH	X9-PP480 CKT# 2	X7 POWER	X7 POWER
95	480V	TRANSFORMER	X7-TR7	TR7	YES	YES	NOT NEEDED	TOP OF X7,8 SAWTOOTH	X9-PP480 CKT# 2	DISTRIBUTION XFMR	X7 POWER
96	208/120V	PANEL	X7A-PDP-X7A	PDPX7A	YES	YES	YES	SIDE OF X7A HUTCH	X7-SW-TR7 FROM X9-PP480		
97	208/120V	PANEL	X7B-PDP-X7B	PDPX7B	YES	YES	YES	SIDE OF X7B HUTCH	X7-SW-TR7 FROM X9-PP480		
98	208/120V	SWITCH	X7B-SW-EXHAUST FAN	EXHAUST FAN	YES	YES	NOT NEEDED	SIDE OF X7B HUTCH	X7-SW-TR7 FROM X9-PP480		
99	208/120V	PANEL	X8C-PDP-X8C2	PDPX8C2	YES	YES	YES	END OF AISLE	X8-SW-TR8		
100	208/120V	SWITCH	X8-SW-TR8	TR8	YES	YES	NOT NEEDED	TOP OF X7,8 SAWTOOTH	X9-PP480 CKT# 3	X8 POWER	X8 POWER
101	480V	TRANSFORMER	X8-TR8	TR8	YES	YES	NOT NEEDED	TOP OF X7,8 SAWTOOTH	X9-PP480 CKT# 3	DISTRIBUTION XFMR	X8 POWER
102	208/120V	PANEL	X8C-PDP-X8C1	PDPX8C1	YES	YES	YES	UPSTREAM END OF X8C	X8-SW-TR8		
103	208/120V	PANEL	X8-PDP-X8A/C	PDPX8A/C	YES	YES	YES	ON X8 SAWTOOTH	X8-SW-TR8	BEAMLINES	
104	208/120V	PANEL	X8C-PDP-8C	PDP8CTEMP	YES	YES	YES	ON X8 BEAMLINE	X8-SW-TR8		
105	480V	PANEL	X9-LPX	LPX OR LCP	YES	YES	YES	BY X9 BEAMLINE	1193-LODC3 SW# 13	X9 POWER	X9 POWER
106	208/120V	PANEL	X9-PP208	PP208	YES	YES	YES	UPSTREAM END OF OF X9	1193-LDP-A CKT# 4		
107	480V	PANEL	X9-PP480	PP480	YES	YES	YES	UPSTREAM END OF OF X9	1200-PP-XRAY EXP PNL A/B CKT# 7	FEEDS X7,X8,X9,X10	
108	208/120V	SWITCH	X9-SW-TR9	TR9	YES	YES	NOT NEEDED	TOP OF X9,10 SAWTOOTH	X9-PP480 CKT# 8	X9 POWER	X9 POWER
109	480V	TRANSFORMER	X9-TR9	TR9	YES	YES	NOT NEEDED	TOP OF X9,10 SAWTOOTH	X9-PP480 CKT# 8	DISTRIBUTION XFMR	X9 POWER
110	208/120V	PANEL	X9A-PDP-X9A	PDPX9A	YES	YES	YES	SIDE OF HUTCH	X9-SW-TR9	X9A POWER	X9A POWER

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111	208/120V	PANEL	X9B-PDP-X9B	PDPX9B	YES	YES	YES	DOWNSTREAM END	X9-SW-TR9	X9B POWER	X9B POWER
112	208/120V	PANEL	X10A-PDP-X10A	NONE	YES	YES	YES	ON X10 HUTCH	X10A-SW-X10A-PDP-X10A	X10A POWER	X10A POWER
113	208/120V	PANEL	X10B-PDP-X10B	PDPX10B	YES	YES	NO INFO ON CARD	SIDE OF HUTCH	X10-SW-TR10	X10B POWER	X10B POWER
114	208/120V	SWITCH	X10-SW-TR10	TR10	YES	YES	NOT NEEDED	TOP OF X9,10 SAWTOOTH	X9-PP480 CKT# 6	X10POWER	X10POWER
115	480V	TRANSFORMER	X10-TR10	TR10	YES	YES	NOT NEEDED	TOP OF X9,10 SAWTOOTH	X9-PP480 CKT# 6	DISTRIBUTION XFMR	X10 POWER
116	208/120V	PANEL	X10A-PDP-X10A/C	PDPX10A/C	YES	YES	YES	SIDE OF X10A HUTCH	X10-SW-TR10		
117	208/120V	SWITCH	X10A-SW-X10A-PDP-X10A	RAIL POWER	YES	YES	NOT NEEDED	BELOW SIDE OF X10A HUTCH	X10A-PDP-X10A/C CKT# 12,14,16		
118	208/120V	SWITCH	X11-SW-TR11	TR11	YES	YES	NOT NEEDED	TOP OF X11,12 SAWTOOTH	X13-PP480 CKT# 4	X11 POWER	X11 POWER
119	480V	TRANSFORMER	X11-TR11	TR11	YES	YES	NOT NEEDED	TOP OF X11,12 SAWTOOTH	X13-PP480 CKT# 4	DISTRIBUTION XFMR	X11 POWER
120	208/120V	PANEL	X11A-PDP-X11A	PDPX11A	YES	YES	YES	DOWNSTREAM END	X11-SW-TR11	X11A POWER	X11A POWER
121	208/120V	PANEL	X11B-PDP-X11B	PDPX11B	YES	YES	YES	DOWNSTREAM END	X11-SW-TR11	X11B POWER	X11B POWER
122	208/120V	SWITCH	X11B-SW-EXHFAN	EXHFAN	YES	YES	NOT NEEDED	DOWNSTREAM END	X11-SW-TR11	X11B EXHAUST FAN	X11B EXHAUST FAN
123	208/120V	SWITCH	X12-SW-TR12	TR12	YES	YES	NOT NEEDED	TOP OF X11,12 SAWTOOTH	X13-PP480 CKT# 2	X12 POWER	X12 POWER
124	480V	TRANSFORMER	X12-TR12	TR12	YES	YES	NOT NEEDED	TOP OF X11,12 SAWTOOTH	X13-PP480 CKT# 2	DISTRIBUTION XFMR	X12 POWER
125	208/120V	PANEL	X12B-PDP-X12B	PDPX12B	YES	YES	YES	DOWNSTREAM END	X12-SW-TR12	X12B POWER	X12B POWER
126	208/120V	PANEL	X12C-PDP-X12A,B,C	PDPX12ABC	YES	YES	YES	UPSTREAM END	X12-SW-TR12	X12 POWER	X12 POWER
127	480V	PANEL	X13-LPX	LPX OR LCP	YES	YES	YES	ON SAWTOOTH	1193-LODC3 SW# 13	X13 POWER	X13 POWER
128	208/120V	PANEL	X13-PP208	PP208	YES	YES	YES	ON SAWTOOTH	1193-LDP-A CKT# 4		SEE DIRECTORY ON PANEL
129	480V	PANEL	X13-PP480	PP480	YES	YES	YES	ON SAWTOOTH	1200-PP-XRAY EXP PNL A/B CKT# 1	FEEDS X11,X12,X13,X14	SEE DIRECTORY ON PANEL
130	208/120V	SWITCH	X13-SW-TR13	TR13	YES	YES	NOT NEEDED	TOP OF X13,14 SAWTOOTH	X13-PP480 CKT# 1	X13 POWER	X13 POWER
131	480V	TRANSFORMER	X13-TR13	TR13	YES	YES	NOT NEEDED	TOP OF X13,14 SAWTOOTH	X13-PP480 CKT# 1	DISTRIBUTION XFMR	X13 POWER
132	208/120V	PANEL	X13A-PDP-X13A	PDPX13A	YES	YES	YES	ON MIDDLE OF X13 BEAMLINE	X13-SW-TR13		
133	208/120V	PANEL	X13B-PDP-13B	PDPX13B	YES	YES	YES	DOWNSTREAM END	X13-SW-TR13	X13B POWER	X13B POWER
134	208/120V	SWITCH	X14-SW-TR14	TR14	YES	YES	NOT NEEDED	TOP OF X13,14 SAWTOOTH	X13-PP480 CKT# 3	X14 POWER	X14 POWER
135	480V	TRANSFORMER	X14-TR14	TR14	YES	YES	NOT NEEDED	TOP OF X13,14 SAWTOOTH	X13-PP480 CKT# 3	DISTRIBUTION XFMR	X14 POWER
136	208/120V	PANEL	X14A-PDP-X14A	PDPX14A	YES	YES	YES	ON BACK X14 HUTCH	X14-SW-TR14		
137	208/120V	SWITCH	X15-SW-TR15	TR15	YES	YES	NOT NEEDED	TOP OF X15,16 SAWTOOTH	X17-PP480 CKT# 2	X15 POWER	X15 POWER
138	480V	TRANSFORMER	X15-TR15	TR15	YES	YES	NOT NEEDED	TOP OF X15,16 SAWTOOTH	X17-PP480 CKT# 2	DISTRIBUTION XFMR	X15 POWER
139	208/120V	PANEL	X15A-PDP-X15A	PDPX15A	YES	YES	YES	DOWNSTREAM END	X15-SW-TR15	X15A PWR	X15A PWR
140	208/120V	PANEL	X15A-PDP-X15B	PDPX15B	YES	YES	YES	DOWNSTREAM END	X15-SW-TR15	X15B POWER	X15B POWER
141	208/120V	SWITCH	X16-SW-TR16	TR16	YES	YES	NOT NEEDED	TOP OF X15,16 SAWTOOTH	X17-PP480 CKT# 4	X16 POWER	X16 POWER
142	480V	TRANSFORMER	X16-TR16	TR16	YES	YES	NOT NEEDED	TOP OF X15,16 SAWTOOTH	X17-PP480 CKT# 4	X16 DISTRIBUTION XFMR	X16 POWER
143	208/120V	PANEL	X16A-PDP-1	PDP1	YES	YES	YES	DOWNSTREAM END	X16-SW-TR16		SEE DIRECTORY ON PANEL
144	208/120V	PANEL	X16-PDP-1-X16A,B,C	PDP1X16ABC	YES	YES	YES NEEDS BKR TRACE	UPSTREAM END	X16-SW-TR16		
145	208/120V	PANEL	X16B-PDP-2	PDP2	YES	YES	YES	UPSTREAM END	X16-SW-TR16		SEE DIRECTORY ON PANEL
146	480V	PANEL	X17-LPX	LPX17	YES	YES	YES	BY X17 BEAMLINE	1193-LODC3 CKT# 11	X17 POWER	X17 POWER
147	208/120V	PANEL	X17-PP208	PP208	YES	YES	YES	BY X17 BEAMLINE	1193-LDP-A CKT# 1		SEE DIRECTORY ON PANEL
148	480V	PANEL	X17-PP480	PP480	YES	YES	YES	BY X17 BEAMLINE	1200-PP-XRAY EXP PNL A/B CKT# 3	FEEDS X15,X16,X17,X18	SEE DIRECTORY ON PANEL
149	208/120V	PANEL	X17-PP-X17B1	PPX17B1	YES	YES	YES	SIDE OF LINE	X17-SW-TR17		SEE DIRECTORY ON PANEL
150	480V	SWITCH	X17-SW-CRANE X14/15	CRANEX14/15	YES	YES	NOT NEEDED	BY X17 BEAMLINE	1200-PP-XRAY EXP PNL A/B CKT# 3	X17 CRANE	X17 CRANE
151	208/120V	SWITCH	X17-SW-TR17	TR17	YES	YES	NOT NEEDED	TOP OF X17,18 SAWTOOTH	X17-PP480 CKT# 5	X17 POWER	X17 POWER
152	480V	TRANSFORMER	X17-TR17	TR17	YES	YES	NOT NEEDED	TOP OF X17,18 SAWTOOTH	X17-PP480 CKT# 5	X17 DISTRIBUTION XFMR	X17 POWER
153	208/120V	PANEL	X17C-PDP-X17B1/C	PDPX17B1/C	YES	YES	YES	SIDE OF HUTCH	X17-SW-TR17		SEE DIRECTORY ON PANEL
154	208/120V	SWITCH	X18-SW-TR18	TR18	YES	YES	NOT NEEDED	TOP OF X17,18 SAWTOOTH	X17-PP480 CKT# 1	X18 POWER	X18 POWER
155	480V	TRANSFORMER	X18-TR18	TR18	YES	YES	NOT NEEDED	TOP OF X17,18 SAWTOOTH	X17-PP480 CKT# 1	X18 DISTRIBUTION XFMR	X18 POWER
156	208/120V	PANEL	X18A-PDP-X18A	PDPX18A	YES	YES	YES	SIDE OF HUTCH	X18-SW-TR18	X18 POWER	X18 POWER
157	208/120V	PANEL	X18B-PDP-X18B	PDPX18B	YES	YES	YES	DOWNSTREAM END	X18-SW-TR18		SEE DIRECTORY ON PANEL
158	480V	SWITCH	X18B-SW-EXHFAN	EXHFAN	YES	YES	NOT NEEDED	SIDE OF HUTCH	X18-SW-TR18	EXHAUST FAN X18B	EXHAUST FAN X18B
159	480V	TRANSFORMER	X19-TR19	TR19	NO	YES	NOT NEEDED	TOP OF X19,20 SAWTOOTH	X21-PP480 CKT# 4	X19 DISTRIBUTION XFMR	X19 POWER
160	208/120V	SWITCH	X19C-SW-X19C2	TR19	NO	NO	NOT NEEDED	ON TOP OF X19C	X21-PP480 CKT# 11		
161	480V	TRANSFORMER	X19C-TR-X19C2	TRX19C2	NO	NO	NOT NEEDED	ON TOP OF X19C	X21-PP480 CKT# 11		
162	208/120V	PANEL	X19A-PDP-X19A	PDPX19A	YES	YES	YES	ON X19A HUTCH	X19-SW-TR19		
163	480V	SWITCH	X19A-SW-FAN	FAN	YES	YES	NOT NEEDED	SIDE OF HUTCH	X19-SW-TR19		
164	208/120V	PANEL	X19-PDP-X19C1	PDPX19C1	YES	YES	YES	ON 19C HUTCH	X19-SW-X19C2	-----	-----
165	208/120V	PANEL	X19-PDP-X19C2	PDPX19C2	YES	YES	NO INFO ON CARD	aisle ENTRANCE	X19-SW-X19C2		SEE DIRECTORY ON PANEL

NSLS Master Power Distribution List

	Input Voltage Rating	Type of Device	Panel or Disconnect Name	Old Name(s)	Has Blu/Wht Label	Has Grn/Blu Label	Directory Card Installed	Location of Disconnect In Room or Area	Where Device Feed From	What This Device Feeds	Downstream Endpoint LOAD
166	208/120V	SWITCH	X20-SW-TR20	TR20	YES	YES	NOT NEEDED	TOP OF X19,20 SAWTOOTH	X21-PP480 CKT# 2	X20 POWER	X20 POWER
167	480V	TRANSFORMER	X20-TR20	TR20	YES	YES	NOT NEEDED	TOP OF X19,20 SAWTOOTH	X21-PP480 CKT# 2	X20 DISTRIBUTION XFMR	X20 POWER
168	208/120V	PANEL	X20A-PDP-X20A	PDPX20AB	YES	YES	YES	DOWNSTREAM END	X20-SW-TR20		SEE DIRECTORY ON PANEL
169	208/120V	PANEL	X20B-PDP-X20B	PDPX20	YES	YES	YES	SIDE OF HUTCH	X20-SW-TR20	X20B POWER	X20B POWER
170	208/120V	PANEL	X20C-PDP-X20C	PDPX20	YES	YES	YES	SIDE OF HUTCH	X20-SW-TR20	X20C POWER	X20C POWER
171	480V	PANEL	X21-LPX	LPX OR LCP	YES	YES	YES	UPSTREAM END OF BEAMLIN	1193-LODC3 SW# 11	X21 POWER	X21 POWER
172	208/120V	PANEL	X21-PP208	PP208	YES	YES	YES	UPSTREAM END OF BEAMLIN	1193-LDP-A CKT# 1		SEE DIRECTORY ON PANEL
173	480V	PANEL	X21-PP480	PP480	YES	YES	YES	UPSTREAM END OF BEAMLIN	1200-PP-XRAY EXP PNL A/B CKT# 4	FEEDS X19,X20,X21,X22	SEE DIRECTORY ON PANEL
174	208/120V	SWITCH	X21-SW-TR21	TR21	YES	YES	NOT NEEDED	TOP OF X21,22 SAWTOOTH	X21-PP480 CKT# 3	X21 POWER	X21 POWER
175	480V	TRANSFORMER	X21-TR21	TR21	YES	YES	NOT NEEDED	TOP OF X21,22 SAWTOOTH	X21-PP480 CKT# 3	X21 DISTRIBUTION XFMR	X21 POWER
176	208/120V	PANEL	X21A-PDP-X21	PDPX21	YES	YES	YES	DOWNSTREAM END	X21-SW-TR21		SEE DIRECTORY ON PANEL
177	208/120V	PANEL	X21-PDP-X21A3	PDPX21A3	YES	YES	YES	UPSTREAM END OF HUTCH	X21-SW-TR21		SEE DIRECTORY ON PANEL
178	480V	SWITCH	X22-SW-CRANE	CRANE	YES	YES	NOT NEEDED	UPSTREAM END	X21-PP480 CKT# 9		
179	208/120V	SWITCH	X22-SW-TR22	TR22	YES	YES	NOT NEEDED	TOP OF X21,22 SAWTOOTH	X21-PP480 CKT# 1	X22 POWER	X22 POWER
180	480V	TRANSFORMER	X22-TR22	TR22	YES	YES	NOT NEEDED	TOP OF X21,22 SAWTOOTH	X21-PP480 CKT# 1	X22 DISTRIBUTION XFMR	X22 POWER
181	208/120V	PANEL	X22A-PDP-X22A	PDPX22A	YES	YES	YES	UPSTREAM END	X22-SW-TR22	X22A POWER	X22A POWER
182	208/120V	PANEL	X22B-PDP-X22B	PDPX22B	YES	YES	YES	UPSTREAM END	X22-SW-TR22	X22B POWER	X22B POWER
183	208/120V	PANEL	X22C-PDP-X22C	PDPX22C	YES	YES	YES	DOWNSTREAM END	X22-SW-TR22	X22C POWER	X22C POWER
184	480V	TRANSFORMER	X23-TR-TR23	TR23	YES	YES	NOT NEEDED	TOP OF X23,24 SAWTOOTH	X25-PP480 CKT# 4	X23 DISTRIBUTION XFMR	X23 POWER
185	480V	PANEL	X23A-LP-1	LP1	YES	NO	YES NEEDS BKR TRACE	ON I BEAM , AISLE	1121-BPDC-1 CKT# 3		
186	208/120V	PANEL	X23A-PP-4	PP4	YES	NO	YES NEEDS BKR TRACE	ON I BEAM , AISLE	2175-PDP-1 CKT# 1		
187	208/120V	PANEL	X23A-PDP-X23A2	PDPX23A2	YES	YES	YES	SIDE OF HUTCH	X23-SW-TR23	X23A2 POWER	X23A2 POWER
188	208/120V	PANEL	X23A-PDP-X23A3	PDPX23A3	YES	YES	YES	SIDE OF HUTCH	X23A-PDP-X23A2	X23A3 POWER	X23A3 POWER
189	208/120V	PANEL	X23B1-PDP-X23B1	PDPX23B1	YES	YES	YES NO INFO ON CARD	UPSTREAM END	X23-SW-TR23	X23B1 POWER	X23B1 POWER
190	208/120V	PANEL	X23B-PDP-X23B2,X24A	PDPX23B2/X24A	YES	YES	YES NEEDS BKR TRACE	UPSTREAM END	X23-SW-TR23	X23B2 POWER	X23B2 POWER
191	480V	TRANSFORMER	X24-TR24	TR24	YES	YES	NOT NEEDED	TOP OF X23,24 SAWTOOTH	X25-PP480 CKT# 2	X24 DISTRIBUTION XFMR	X24 POWER
192	208/120V	SWITCH	X24-SW-X24-PDP-1	NONE	YES	YES	NOT NEEDED	TOP OF X23,24 SAWTOOTH	X24-TR24		
193	208/120V	SWITCH	X24-SW-X24C-PDP-X24C	NONE	YES	YES	NOT NEEDED	TOP OF X23,24 SAWTOOTH	X24-TR24		
194	480V	SWITCH	X24A-SW-FAN	FAN	YES	YES	NOT NEEDED	ON I BEAM , AISLE	1123I-PP-2 CKT# 5		
195	208/120V	PANEL	X24-PDP-1	PDP1	YES	YES	YES	SIDE OF BEAMLIN X24A	X24-SW-X24C-PDP-X24C		
196	208/120V	PANEL	X24C-PDP-X24C	PDPX24C	YES	YES	YES	SIDE OF BEAMLIN X24A	X24-SW-PDP-1		
197	480V	PANEL	X25-LPX	LPX OR LCP	YES	YES	YES	UPSTREAM END	1193-LODC3 SW# 11	X25 POWER	X25 POWER
198	208/120V	PANEL	X25-PDP-X25	PDPX25	YES	YES	YES	BACK OF HUTCH	X25-SW-TR25		
199	208/120V	PANEL	X25-PP208	PP208	YES	YES	YES	UPSTREAM END	1193-LDP-A CKT# 1		SEE DIRECTORY ON PANEL
200	480V	PANEL	X25-PP480	PP480	YES	YES	YES	UPSTREAM END	1200-PP-XRAY EXP PNL A/B CKT# 2	FEEDS X27,X28	SEE DIRECTORY ON PANEL
201	208/120V	SWITCH	X25-SW-TR25	TR25	YES	YES	NOT NEEDED	TOP OF X25,26 SAWTOOTH	X25-PP480 CKT# 3	X25 POWER	X25 POWER
202	480V	TRANSFORMER	X25-TR25	TR25	YES	YES	NOT NEEDED	TOP OF X25,26 SAWTOOTH	X25-PP480 CKT# 3	X25 DISTRIBUTION XFMR	X25 POWER
203	208/120V	SWITCH	X26-SW-TR26	TR26	YES	YES	NOT NEEDED	TOP OF X25,26 SAWTOOTH	X25-PP480 CKT# 1	X26 POWER	X26 POWER
204	480V	TRANSFORMER	X26-TR26	TR26	YES	YES	NOT NEEDED	TOP OF X25,26 SAWTOOTH	X25-PP480 CKT# 1	X26 DISTRIBUTION XFMR	X26 POWER
205	208/120V	PANEL	X26A-PDP-X26A	PDPX26A	YES	YES	YES NO INFO ON CARD	UPSTREAM END OF HUTCH	X26-SW-TR26	X26A POWER	X26A POWER
206	208/120V	PANEL	X26C-PDP-X26C-1	PDPX26C1	YES	YES	YES	DOWNSTREAM END OF HUTCH	X26-SW-TR26		
207	208/120V	PANEL	X26C-PDP-X26C-2	PDPX26C2	YES	YES	YES	DOWNSTREAM END OF HUTCH	X26-SW-TR26		
208	208/120V	SWITCH	X26C-SW-X26 LASER	X26 LASER	YES	YES	NOT NEEDED	DOWNSTREAM END OF HUTCH	X29-PP208 CKT# 26,28,30		
209	208/120V	SWITCH	X27-SW-TR27	TR27	YES	YES	NOT NEEDED	TOP OF X27,28 SAWTOOTH	X29-PP480 CKT# 4	X27 POWER	X27 POWER
210	208/120V	SWITCH	X28-SW-TR28	TR28	NO	YES	NOT NEEDED	TOP OF X27,28 SAWTOOTH	X29-PP480 CKT# 2	X28 POWER	X28 POWER
211	480V	TRANSFORMER	X27-TR27	TR27	YES	YES	NOT NEEDED	TOP OF X27,28 SAWTOOTH	X29-PP480 CKT# 4	X27 DISTRIBUTION XFMR	X27 POWER
212	480V	TRANSFORMER	X28-TR28	TR28	NO	YES	NOT NEEDED	TOP OF X27,28 SAWTOOTH	X29-PP480 CKT# 2	X28 DISTRIBUTION XFMR	X28 POWER
213	208/120V	PANEL	X27A-PDP-X27A/B	PDPX27A/B	YES	YES	YES	DOWNSTREAM END HUTCH X27A	X27-SW-TR27	X27A/B POWER	X27A/B POWER
214	208/120V	PANEL	X27C-PDP-X27C	PDPX27C	YES	YES	YES	UPSTREAM END HUTCH X27A	X27-SW-TR27	X27C POWER	X27C POWER
215	208/120V	PANEL	X28A/C-PDP-X28A,B,C	PDPX28A,B,C	YES	YES	YES	DOWNSTREAM END HUTCH X28A/C	X28-SW-TR28		
216	208/120V	PANEL	X28-PDP-Z	PDP-Z	YES	YES	YES	DOWNSTREAM END	X28-SW-TR28	X28C POWER	X28C POWER
217	208/120V	PANEL	X29-DP-UV	DPUV	YES	YES	YES NEEDS BKR TRACE	TRANSFER LINE P.S. AREA	1193-LDP-A CKT# 6		
218	208/120V	PANEL	X29-DP-UV-A	DPUVA	YES	YES	YES	TRANSFER LINE P.S. AREA	X29-DP-UV CKT# 8,10,12		
219	480V	PANEL	X29-LPX	LPX OR LCP	YES	YES	YES	ON SAWTOOTH WALL	1193-LODC3 SW# 11	X29 POWER	X29 POWER
220	208/120V	PANEL	X29-PP208	PP208	YES	YES	YES	ON SAWTOOTH WALL	1193-LDP-A CKT# 1	BEAM LINE PWR DISTR	SEE DIRECTORY ON PANEL

NSLS Master Power Distribution List

	Input Voltage Rating	Type of Device	Panel or Disconnect Name	Old Name(s)	Has Blu/Wht Label	Has Grn/Blu Label	Directory Card Installed	Location of Disconnect In Room or Area	Where Device Feed From	What This Device Feeds	Downstream Endpoint LOAD
221	480V	PANEL	X29-PPB1	PPB1	YES	YES	YES	TRANSFER LINE P.S. AREA	1193-IDC SW# 3	WAS LINAC/BOOSTER POWER	SEE DIRECTORY ON PANEL
222	480V	PANEL	X29-PP480	PX480	YES	YES	YES	ON SAWTOOTH WALL	1200-PP-XRAY EXP PNL A/B CKT# 5	BEAM LINE PWR DISTR	SEE DIRECTORY ON PANEL
223	480V	SWITCH	X29-SW-BUD	BUD	YES	YES	NOT NEEDED	UNITS BELOW ON WEST WALL	X29-PPB1-CKT# 7,9,11	POWER FOR B/U DIPOLE	POWER FOR B/U DIPOLE
224	480V	SWITCH	X29-SW-LBD1	LBD1	YES	YES	NOT NEEDED	TRANSFER LINE P.S. AREA	X29-PPB1 CKT# 14,16,18		
225	480V	SWITCH	1001-VUV MAIN DIST-SW-UVDIP	UVDIP	YES	YES	NOT NEEDED	SUPERPERIOD #1	1001-VUV MAIN INTERNAL BUSS	FUSED SWITCH TO UVDIP	UV DIPOLE
226	480V	SWITCH	1001-VUV MAIN DIST-SW-UV DISTCTR	VUV MAIN DIST-SW-UV DISTCTR	YES	YES	NOT NEEDED	SUPERPERIOD #1	1001-VUV MAIN INTERNAL BUSS	VUV DISTR CNTR	ALL VUV SANS DIPOLE PS
227	480V	OUTLET	1001-VUV MAIN DIST-OL-MONVUV	VUV MAIN DIST-OL-MONVUV	YES	YES	NOT NEEDED	SUPERPERIOD #1	1001-VUV MAIN INTERNAL BUSS	VOLTAGE MONITOR OUTLET	ELECTROTEK RECORDER
228	480V	BREAKER	1001-VUV MAIN DIST-BKR-SS2 VUV	VUV MAIN DIST-BKR-SS2 VUV	YES	YES	NOT NEEDED	SUPERPERIOD #1	SUBSTATION 2 BKR# B3	1001-VUV MAIN INTERNAL BUSS	BACKUP FEED ALL VUV ROOM
229	480V	BREAKER	1001-VUV MAIN DIST-BKR-SSD TRAILER	VUV MAIN DIST-BKR-SS4 TRAILER	YES	YES	NOT NEEDED	SUPERPERIOD #1	SUBSTATION 4 BKR# 408	1001-VUV MAIN INTERNAL BUSS	ALL VUV ROOM FROM SS#4
230	480V	PANEL	1002-DP-UV1	DPUV1	YES	YES	YES	SUPERPERIOD #2	1002-UV DISTRIBUTION CNTR SW# 6	POWER PANEL TO VT3/VT4	VT3,VT4,+++MORE
231	208/120V	PANEL	1002-PP-U2D1PB1	U2D1PB1	YES	YES	YES	SUPERPERIOD #2	1002-PP-UV TRIMS CKT# 3	VAC & MISC	VACUUM/ BAKEOUT
232	208/120V	PANEL	1002-PP-U2D1PB2	U2D1PB2	YES	YES	YES	SUPERPERIOD #2	1002-PP-UV TRIMS CKT# 1		
233	208/120V	PANEL	1002-PP-UV	PPUV	YES	YES	YES	SUPERPERIOD #2	1002-TR2	MANY OTHER PANELS	MANY OTHER PANELS
234	208/120V	PANEL	1002-PP-UV TRIMS	PPUVTRIMS	YES	YES	YES	SUPERPERIOD #2	1002-TR1		
235	208/120V	SWITCH	1002-SW-QEI SSAMP	NONE	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-PP-UV CKT# 27,29,31	RF QEI SOLID STATE AMP	
236	208/120V	SWITCH	1002-SW-PP-UV TRIMS	PPUVTRIMS	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-TR1	SWITCH #8 UVT2 TO PPUV	UVT2 TO PPUV
237	480V	SWITCH	1002-SW-UQ1/2	UQ1/2	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-DP-UV1 SW# 5	BRUKER QD PS Q1,2	UVA2SR11-UQ1,2
238	480V	SWITCH	1002-SW-UQ3	UQ3	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-DP-UV1 SW# 7	BRUKER QD PS Q3	UVA2SR12-Q3
239	480V	SWITCH	1002-SW-UQ4-5-6-7	UQ4567	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-DP-UV1 SW# 3	BRUKER QD PS Q4	UVA2SR12-Q4
240	480V	SWITCH	1002-SW-VUVRF1 50 KW PLATE SUPPLY	VUVRF150KWPLATESUPPLY	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-UV DISTRIBUTION CNTR SW# 1	50 KW PLATE SUPPLY	
241	480V	TRANSFORMER	1002-TR1 (BAKEOUT IN SR-4)	TR1	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-UV DISTRIBUTION CNTR SW# 7	TRANSFORMER IN SR-4	UVA2SR4
242	480V	TRANSFORMER	1002-TR2 (FEEDS PANEL PPUV)	TR2	YES	YES	NOT NEEDED	SUPERPERIOD #2	1002-UV DISTRIBUTION CNTR SW# 8	40 KVA XFMR TO PPUV	PPUV
243	480V	PANEL	1002-UV DISTRIBUTION CENTER	UVDISTRCTR	YES	YES	YES	SUPERPERIOD #2	1001-VUV MAIN DIST-SW-UV DISTCTR		
244	480V	TRANSFORMER	1002-TR4	TR4	YES	YES	NOT NEEDED	SUPERPERIOD #2	1053-SW-SEXT-D	DISTRIBUTION XFMR TO SEXT PS	SEXT P.S. IN UVA2SR1
245	208/120V	PANEL	1004-ERP-1	ERP1	YES	YES	YES	SUPERPERIOD #4	1004-TR9	EMERGENCY PANELS ERP1,2	SEE DIRECTORY ON PANEL
246	208/120V	PANEL	1004-PP-1	PP1	YES	YES	YES	SUPERPERIOD #4	1002-PP-UV CKT# 37,39,41		SEE DIRECTORY ON PANEL
247	208/120V	PANEL	1004-PP-BPD1	BPD1	YES	YES	YES	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 3	U1,U2,U3,U4 BEAMLINES	SEE DIRECTORY ON PANEL
248	208/120V	PANEL	1004-PP-BPD2	BPD2	YES	YES	YES	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 2	U5,6,6A,7,8 BEAMLINES	SEE DIRECTORY ON PANEL
249	208/120V	PANEL	1004-PP-BPD3	BPD3	YES	YES	YES	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 2	U9,9A,10,11,12 BEAMLINES	SEE DIRECTORY ON PANEL
250	208/120V	PANEL	1004-PP-BPD4	BPD4	YES	YES	YES	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 3	U13,14,15,16 BEAMLINES	SEE DIRECTORY ON PANEL
251	208/120V	SWITCH	1004-SW-BPD1	BPD1	YES	YES	NOT NEEDED	SUPERPERIOD #4	1004-TR7	BPD1	BPD1
252	208/120V	SWITCH	1004-SW-BPD2	BPD2	YES	YES	NOT NEEDED	SUPERPERIOD #4	1004-TR5	BPD2	BPD2
253	208/120V	SWITCH	1004-SW-BPD3	BPD3	YES	YES	NOT NEEDED	SUPERPERIOD #4	1004-TR6	BPD3	BPD3
254	208/120V	SWITCH	1004-SW-BPD4	BPD4	YES	YES	NOT NEEDED	SUPERPERIOD #4	1004-TR8	BPD4	BPD4
255	208/120V	SWITCH	1004-SW-ERP-1	ERP1	YES	YES	NOT NEEDED	SUPERPERIOD #4	1121-SW-EMER GEN DISC.ERP1 & ERP-2	1004-TR9	1004-ERP-1
256	480V	TRANSFORMER	1004-TR5 (FEEDS BPD2 VIA DISC SW.)	TR5	YES	YES	NOT NEEDED	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 2	DISTRIBUTION XFMR	1004-BPD2 VIA 1004-SW BPD2
257	480V	TRANSFORMER	1004-TR6 (FEEDS BPD3 VIA DISC. SW.)	TR6	YES	YES	NOT NEEDED	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 2	DISTRIBUTION XFMR	1004-BPD3 VIA 1004-SW BPD3
258	480V	TRANSFORMER	1004-TR7 (FEEDS BPD1 VIA DISC.SW.)	TR7	YES	YES	NOT NEEDED	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 3	DISTRIBUTION XFMR	1004-BPD1 VIA 1004-SW-BPD1
259	480V	TRANSFORMER	1004-TR8 (FEEDS BPD4 VIA DISC.SW.)	TR8	YES	YES	NOT NEEDED	SUPERPERIOD #4	1002-UV DISTRIBUTION CNTR SW# 3	DISTRIBUTION XFMR	1004-BPD4 VIA 1004-SW BPD4
260	480V	FORMER EMER PW	1004-TR9	TR9	YES	YES	NOT NEEDED	SUPERPERIOD #4	1004-SW-ERP-1	30 KVA TRANSFORMER	
261	208/120V	PANEL	1004-PB1	NONE	YES	YES	YES	SUPERPERIOD #4	1002-PP-UV TRIMS CKT# 4		
262	208/120V	PANEL	1004-PB2	NONE	YES	YES	YES	SUPERPERIOD #4	1002-PP-UV TRIMS CKT# 2		
263	208/120V	PANEL	1051-PP-TRIMS	PPTRIMS	YES	YES	YES	SUPERPERIOD #1	1053-SW-1051-PP-TRIMS	UV RING TRIMS	MEZZ RACKS 27,28,29,30,31
264	208/120V	SWITCH	1053-SW-1051-PP-TRIMS	PPTRIMS	YES	YES	NOT NEEDED	SUPERPERIOD #3	1053-TR10	1051-PP-TRIMS	
265	208/120V	SWITCH	1053-SW-PPUVM1	PPUVM1	YES	YES	NOT NEEDED	SUPERPERIOD #3	1053-TR10		
266	480V	TRANSFORMER	1053-TR10	TR10	YES	YES	NOT NEEDED	SUPERPERIOD #3	1002-UV DISTRIBUTION CNTR SW# 5	DISTRIBUTION XFMR	PPUVM1, M1A
267	480V	TRANSFORMER	1053-TR3	TR3	YES	YES	NOT NEEDED	SUPERPERIOD #3	1053-SW-SEXT-F	TRANSFORMER TO SEXT PS	SEXT PS IN UVA2SR1
268	208/120V	PANEL	1053-PP-UVT1	PPUVT1	YES	YES	YES	SUPERPERIOD #3	1053-SW-PP-UVT1	MEZZ RACKS 20,21,22,23,24,25	MEZZ RACKS 20,21,22,23,24,25
269	480V	SWITCH	1053-SW-SEXT-F	SEXTF	YES	YES	NOT NEEDED	SUPERPERIOD #3	1002-DP-UV1 CKT# 2	FEED TO UVT3	UVT3
270	480V	SWITCH	1053-SW-SEXT-D	SEXTD	YES	YES	NOT NEEDED	SUPERPERIOD #3	1002-DP-UV1 CKT# 4		
271	480V	SWITCH	1053-SW-PP-UVT1	TR10	YES	YES	NOT NEEDED	SUPERPERIOD #3	1053-TR10	1051 UV TRIMS	UVTRIM PNL
272	208/120V	SWITCH	1053-SW-EMER GEN XFER	EMERGENXFER	YES	YES	NOT NEEDED	SUPERPERIOD #4	1054-V A4SR6 CKT# 5,22 OR 1004-SW-ERP-	EMER PWR XFER SW	SR 2,3,4,5,7,10,11,14
273	208/120V	SWITCH	1053-UPS-4 BYPASS SWITCH	NONE	YES	YES	NOT NEEDED	SUPERPERIOD #3	1002-PP-UV TRIMS CKT# 23,25,27		
274	208/120V	PANEL	1053-PP-UPS-4	PPUPS4	YES	YES	YES	SUPERPERIOD #3	1053-UPS-4 BYPASS SWITCH		
275	208/120V	PANEL	1054-PPUVM1	PPUVM1	YES	YES	YES	SUPERPERIOD #4	1053-SW-PPUVM1		

NSLS Master Power Distribution List

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276	208/120V	PANEL	1054-PP-UVM1A	PPUVM1A	YES	YES	YES	SUPERPERIOD #4	1054-PPUVM1 CKT# 7,9,11		
277	208/120V	PANEL	1108A-PP-1	PP1	YES	YES	YES	IR4-STORAGE AREA	1121-EXPDC1 CKT# 4		
278	480V	SWITCH	1110A-SW-CRANE ,STOCK ROOM	CRANESTOCKROOM	YES	YES	NOT NEEDED	ENTRY WAY	1123I-PP-A CKT# 1	STOCK RM CRANE	STOCK RM CRANE
279	480V	SWITCH	1110A-SW-CRANE#2 ,STOCK ROOM	CRANESTOCKROOM2	NO	NO	NOT NEEDED	ON CRANE	1110A-SW-CRANE		
280	208/120V	PANEL	1110D-PP-205	PP205	YES	YES	YES	USER STORAGE RM	1121-SW-PP-205	??	SEE DIRECTORY ON PANEL
281	480V	SWITCH	1110D-SW-FAN / BLOWER	FAN/BLOWER	YES	YES	NOT NEEDED	ON WALL	1121-BPDC-1	AIR DUCT FAN CONTROLS	AIR DUCT CONTROL
282	480V	SWITCH	1110D-SW-FAN#2 / BLOWER	BLOWER	NO	NO	NOT NEEDED	UP BY CEILING	1121-BPDC-1 CKT#1		
283	480V	SWITCH	1113-SW-PR-5	PERIMETER HEAT	YES	YES	NOT NEEDED	ON BACK WALL	1121-MCC4 SW# 09B		
284	480V	SWITCH	1113-SW-PRHR-1	PERIMETER HEAT	YES	YES	NOT NEEDED	ON BACK WALL	1121-MCC4 SW# 09C		
285	480V	SWITCH	1113-SW-PRH-3	PERIMETER HEAT	YES	YES	NOT NEEDED	ON BACK WALL	1121-MCC4 SW# 09A		
286	208/120V	BREAKER	1114A-SW-HEATER SW#1	BACHEATTRACE	YES	YES	NOT NEEDED	IN RM1114A	1208-LPHEMA CKT# 7	BACTWR,HTRACE	BACTWR,HTRACE
287	480V	BREAKER	1114A-SW-LPEME SW#3	BACHEATER	YES	YES	NOT NEEDED	IN RM1114A	1208-LPHEMA CKT# 7		
288	208/120V	CONTROLLER	1114A-SPARE SW#2	HEATTRACE	YES	YES	NOT NEEDED	IN RM1114A	1208-LPHEMA CKT# 7	BAC TOWER HEAT TRACE	BAC TOWER HEAT TRACE
289	208/120V	PANEL	1114A-LPEME	LPEME	YES	YES	YES	IN RM1114A	1208-LPHEMA CKT# 7		
290	480V	TRANSFORMER	1114A-TR-LPEME	NONE	YES	YES	NOT NEEDED	IN RM1114A	1114A-SW-LPEME SW#3		
291	208/120V	PANEL	1115-LP-LC	LPLC	YES	YES	YES	S.E. WALL	1193-LDP-B SW# 4		
292	480V	PANEL	1115-MDC-1	MDC1	YES	YES	YES	S.E. WALL	SUBSTATION 3 BKR# B1		
293	480V	PANEL	1115-MCC3	MCC3	YES	YES	YES	S.W. WALL	1115-MDC-1 CKT# 2		
294	480V	PANEL	1118-PP-3	PP-3	YES	YES	YES	IN RM 1118	1121-EXPDC1 CKT#3		
295	208/120V	PANEL	1118-PP-118	PP-108	YES	YES	YES	IN RM 1118	1118-PP-3 VIA 1118-TR-1		
296	480V	TRANSFORMER	1118-TR-1	NONE	YES	YES	NOT NEEDED	IN RM 1118	1118-PP-3		
297	208/120V	PANEL	1121-ELP-1	ELP1	YES	YES	YES	SOUTH WALL	1121-TR-ELP	EMER. LIGHTING PNL #1	
298	480V	TRANSFORMER	1121-TR-ELP	NONE	YES	YES	NOT NEEDED	SOUTH WALL	1121-SW-PP-EMER GEN XFMR2	TRANSFORMER	
299	208/120V	PANEL	1121-PANEL M-1	M1	YES	YES	YES	SOUTH WALL	1121-MCC4 SW# 11B		
300	480V	SWITCH	1121-SW-PP-EMER GEN XFMR2	PPEMERGENXFMR	YES	YES	NOT NEEDED	SOUTH WALL	1121-SW-EMER GEN XFER1		
301	480V	SWITCH	1121-SW-AC-6 SUPPLY FAN	SF6	YES	YES	NOT NEEDED	SOUTH WALL	1121-MCC4-SW# 03D	SUPPLY FAN ON AC6	
302	208/120V	SWITCH	1121-SW SPARE 1	SPARE1	YES	YES	NOT NEEDED	SOUTH WALL/CORNER	1121-TR-PP205		
303	208/120V	SWITCH	1121-SW-1110D-PP205	1110DPP205	YES	YES	NOT NEEDED	SOUTH- EAST CORNER	1121-TR-PP205		
304	480V	SWITCH	1121-SW-AC-7 SUPPLY FAN	AC7SUPPLYFAN	YES	YES	NOT NEEDED	NORTH WALL	1121-MCC4 SW# 12C		
305	480V	SWITCH	1121-SW-DUPLEX SUMP PMPS	DUPLEXSUMPMPMS	YES	YES	NOT NEEDED	SOUTH WALL	1121-SW-EMER GEN XFER1	DUPLEX SUMP PMPS	
306	480V	SWITCH	1121-SW-EMER GEN DISC.	EMERGENDISC	YES	YES	NOT NEEDED	SOUTH WALL	EMERGENCY GENERATOR	EMER GEN DISC SW	
307	480V	SWITCH	1121-SW-EMER GEN DISC.ERP1 & ERP-2	ERP1&ERP2	YES	YES	NOT NEEDED	SOUTH WALL	1121-SW-EMER GEN XFER1		
308	480V	SWITCH	1121-SW-EMER GEN XFER1	EMERGENXFER1	YES	YES	NOT NEEDED	SOUTH WALL	-SW-EMER GEN DISC. OR 1121-EXPDC1 SV	EMER GEN XFER SW	
309	480V	SWITCH	1121-SW-EXH FAN 1	FAN1	YES	YES	NOT NEEDED	NORTH WALL	1121-MCC4 SW# 06A		
310	480V	SWITCH	1121-SW-EXH FAN 1A	FAN1A	YES	YES	NOT NEEDED	SOUTH WALL	1121-MCC4 SW# 06B	FAN E1B	
311	480V	SWITCH	1121-SW-LIFT PUMPS	LIFT PUMPS	YES	YES	NOT NEEDED	SOUTH/EAST CORNER	1121-SW-EMER GEN XFER1		
312	480V	SWITCH	1121-SW-EMER GEN XFMR2	PP EMER GEN XFMR	YES	YES	NOT NEEDED	SOUTH WALL	1121-SW-EMER GEN XFER1		
313	480V	SWITCH	1121-SW-MER7&8	OLD FEED TO MER7 AND MER8	YES	YES	NOT NEEDED	SOUTH/EAST CORNER	1121-SW-EMER GEN XFER1		
314	480V	SWITCH	1121-SW-WATER HEATER	WATERHEATER	YES	YES	NOT NEEDED	SOUTH/WEST WALL	1121-MCC4 SW# 10A	H2O HEATER	
315	480V	SWITCH	1121-SW-X17B2&B3 HUTCH PWR	NONE	YES	YES	NOT NEEDED	SOUTH/WEST WALL	SUBSTATION 4 SW# 407	X17B2 & B3 HUTCH PWR	
316	480V	PANEL	1121-EXPDC1	EXPDC1	YES	YES	YES	SOUTH/WEST WALL	SUBSTATION 4 SW# 407		
317	480V	TRANSFORMER	1121-TR-PP205	TR1110DPP205	YES	YES	NOT NEEDED	SOUTH- EAST CORNER	1121-BPDC-1 SW# 4	1110D-PP205	
318	480V	PANEL	1121-BPDC1	BPDC1	YES	YES	YES	SOUTH- EAST CORNER	SUBSTATION 4 SW# 402		
319	480V	PANEL	1121-MCC4	MCC4	YES	YES	YES	SOUTH WALL	SUBSTATION 4 SW# 404		
320	208/120V	SWITCH	1123B-SW-OUTLET A	PWR	YES	YES	NOT NEEDED	INSIDE 1123B	1123I-PP-6		
321	208/120V	SWITCH	1123B-SW-OUTLET B	NONE	YES	YES	NOT NEEDED	INSIDE 1123B	1123I-PP-2		
322	208/120V	PANEL	1123D-PP-6	PP6	YES	YES	YES	OUTSIDE 1123D	2175-PDP-1 SW# 5		
323	480V	SWITCH	1123D-SW-PWR	NONE	YES	YES	NOT NEEDED	INSIDE 1123D	1123I-PP-A CKT# 7		
324	208/120V	SWITCH	1123H-SW-FORKLIFT	FORKLIFT	YES	YES	NOT NEEDED	BY STOCKROOM	X23A-PP-4 CKT# 19,21		
325	480V	PANEL	1123I-PP-2	PP2	YES	YES	YES	IN X20 STORAGE	1121-EXPDC-1 CKT# 7	1123I-PP208A	SEE DIRECTORY ON PANEL
326	208/120V	PANEL	1123I-PP-A	PPA	YES	YES	YES	IN X20 STORAGE	1123I-PP-2 CKT# 8		SEE DIRECTORY ON PANEL
327	480V	TRANSFORMER	1123I-TR1	TR1	YES	YES	NOT NEEDED	SU10	1123I-PP-2 CKT# 8	TRANSFORMER FOR 1123-PP2	X20BA???
328	208/120V	PANEL	1124A-PP-1	PP1	YES	YES	YES	WEST WALL	2175-PDP-1 CKT# 7		SEE DIRECTORY ON PANEL
329	208/120V	SWITCH	1124A-SW-PP-1	PP1	YES	YES	NOT NEEDED	WEST WALL	2175-PDP-1 CKT# 7		
330	208/120V	PANEL	1125-PP-5	PP5	YES	YES	YES	OUTSIDE 1-125	2175-PDP-1 CKT# 3		SEE DIRECTORY ON PANEL

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331	208/120V	PANEL	1129-LP-2	LP2	YES	YES	YES	BY 1-128	2175-PDP-2 CKT# 1		SEE DIRECTORY ON PANEL
332	480V	SWITCH	1130-SW-ELEVATOR	ELEVATOR	YES	YES	NOT NEEDED	ELEVATOR MACH ROOM	1121-BPDC-1 CKT# 2	ELEV-NORTH	
333	208/120V	PANEL	1133-RP-1-LEFT	RP1	YES	YES	YES	BY 1-128	2175-PDP-3 CKT# 1		SEE DIRECTORY ON PANEL
334	208/120V	PANEL	1133-RP-1-RIGHT	RP1	YES	YES	YES	BY 1-128	2175-PDP-3 CKT# 2		SEE DIRECTORY ON PANEL
335	208/120V	PANEL	1134B-PP-5A	PP5A	YES	YES	NO CARD	NORTH WALL	1125-PP-5 CKT# 2,4,6		SEE DIRECTORY ON PANEL
336	208/120V	SWITCH	1151-SW-OUTLET	NONE	YES	YES	NOT NEEDED	IN 1-151	1155- LPLE		
337	480V	SWITCH	1151A-SW-1	1	YES	YES	NOT NEEDED	LEFT OF COMPRESSOR	1208-LP-HA CKT# 5	ING. RAND COMPRESSOR	
338	480V	SWITCH	1151A-SW-FAN AIR CURTAIN	FANAIR CURTAIN	YES	YES	NOT NEEDED	WEST ROLLUP DOORWAY	1200-MCC-1		
339	480V	SWITCH	1155-SW-OLDH2OHEATER (SPARE)	OLDH2OHEATER	YES	NO	NOT NEEDED	HIGH OUTSIDE 155A	1200-MCC-1 BKR# 11	DISCONNECTED H2O HEATER	DISCONNECTED H2O HEATER
340	208/120V	PANEL	1155-LPLE	LPLE	YES	YES	YES	OUTSIDE 155A	1193-LDP-B CKT# 2		SEE DIRECTORY ON PANEL
341	208/120V	PANEL	1155-LPLE2	LPLE2	YES	YES	YES	IN 1-155	1155-LPLE CKT# 43,45,47		
342	208/120V	SWITCH	1158-SW-COMPRESSOR #1	COMPRESSOR#1	YES	YES	NOT NEEDED	SOUTH WALL	1158-EPP-8	RM 1-163	
343	208/120V	SWITCH	1158-SW-COMPRESSOR #2	COMPRESSOR#2	YES	YES	NOT NEEDED	SOUTH WALL	1158-EPP-8	RM 1-164	
344	208/120V	SWITCH	1158-SW-COMPRESSOR #3	COMPRESSOR#3	YES	YES	NOT NEEDED	SOUTH WALL	1158-EPP-8	RM 1-162	
345	208/120V	SWITCH	1158-SW-COMPRESSOR #4	COMPRESSOR#4	YES	YES	NOT NEEDED	SOUTH WALL	1158-EPP-8	RM 1-162	
346	480V	SWITCH	1158-SW-EJECTOR PUMP	EJECTORPUMP	YES	YES	NOT NEEDED	EAST WALL	1208-LPHEMA	MER8 EJECTOR PUMPS	
347	480V	SWITCH	1158-SW-ION WATER PUMP	IONWATERPUMP	YES	YES	NOT NEEDED	EAST WALL	1161-PP-2 CKT# 1,3,5		
348	480V	TRANSFORMER	1158-TR-1	TR1	YES	YES	NOT NEEDED	SOUTH WALL	1158-SW-EPP-8	DISTRIBUTION XFMR	
349	208/120V	PANEL	1158-PP-1	PP1	YES	YES	NO CARD	SOUTH WALL	1168-DP-P2 BKR# 5		
350	208/120V	PANEL	1158-EPP-8	EPP8	YES	YES	YES	EAST WALL	1158-SW-EPP-8		
351	480V	SWITCH	1158-SW-EPP-8	EPP8	YES	YES	NOT NEEDED	EAST WALL	1121-SW-MER7&8		
352	480V	SWITCH	1158-SW-AH-A/C16	A/C-16	YES	YES	NOT NEEDED	MIDDLE OF RM 1158	1168-DP-P1 SW# 5		
353	208/120V	SWITCH	1158-SW-1 EF RM1167	EF-1	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
354	208/120V	SWITCH	1158-SW-2 EF RM1166	EF-2	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
355	208/120V	SWITCH	1158-SW-3 EF RM1164	EF-3	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
356	208/120V	SWITCH	1158-SW-4 EF RM1163	EF-4	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
357	208/120V	SWITCH	1158-SW-5 EF RM1161	EF-5	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
358	208/120V	SWITCH	1158-SW-6 EF RM1162	EF-6	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
359	208/120V	SWITCH	1158-SW-7 EF RM1160	EF-7	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
360	208/120V	SWITCH	1158-SW-8 EF RM1159	EF-8	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
361	208/120V	SWITCH	1158-SW-9 EF RM1165	EF-9	YES	YES	NOT NEEDED	LEFT OF 1158 DOORWAY	1158-PP-1		
362	208/120V	PANEL	1160-PP-1	PP1	YES	YES	YES	OUTSIDE RM 1160	1168-DP-P2 BKR# 7	PWR FOR 1-159 & 1-160	RMS1-159& 1-160
363	208/120V	SWITCH	1160-SW-FAN	FAN	YES	YES	NOT NEEDED	LAB-X10	1155-LPLE2 BKR# 19,21,23	FAN SWITCH	
364	208/120V	PANEL	1161-PP-2	PP2	YES	YES	YES	OUTSIDE RM 1161	1168-DP-P1 BKR# 8		
365	208/120V	PANEL	1161-PP-5	PP5	YES	YES	YES	OUTSIDE RM 1161	1168-DP-P1 BKR# 9	PWR FOR 1-161 & 1-162	RMS 1-161 & 1-162
366	208/120V	PANEL	1162-PP-3	PP3	YES	YES	YES	OUTSIDE RM 1162	1168-DP-P2 BKR# 6	PWR FOR X8 LAB	X8 PWR
367	208/120V	PANEL	1166-LP-1	LP1	YES	YES	YES	OUTSIDE RM 1166	1168-DP-P2 BKR# 2		
368	208/120V	PANEL	1167-PP-4	PP4	YES	YES	YES	OUTSIDE RM 1167	1168-DP-P2 BKR# 4		
369	480V	TRANSFORMER	1167A-TR-1	TR1	NO	NO	NOT NEEDED	ON TOP OF 1167A	1168-DP-P1 BKR# 2		
370	480V	PANEL	1168-DP-P1	DPP1	YES	YES	YES	OUTSIDE 1-168 ON AISLE	SUBSTATION 2 BKR# A3		
371	208/120V	PANEL	1168-DP-P2	DPP2	YES	YES	YES	OUTSIDE 1-168 ON AISLE	1168-DP-P1 BKR# 2	SEE PANEL	
372	480V	SWITCH	1168-SW-EF-1 FAN	EF1	YES	YES	NOT NEEDED	SOUTH WALL OF 1168	1168-SW-EF1&2		
373	480V	SWITCH	1168-SW-EF-2 FAN	EF2	YES	YES	NOT NEEDED	SOUTH WALL OF 1168	1168-SW-EF1&2		
374	208/120V	PANEL	1168-LP-2	LP2	YES	YES	YES	SOUTH WALL OF 1168	1168-PP-1 SW# 5 VIA 1168-TR-2		
375	208/120V	PANEL	1168-PP-1X5	P1	YES	YES	YES	SOUTH WALL OF 1168	1168-TR1		
376	208/120V	PANEL	1168-PP-2X5	P2	YES	YES	YES	SOUTH WALL OF 1168	1168-TR2		
377	208/120V	PANEL	1168-PP-3X5	P3	YES	YES	YES	EAST CORNER OF 1168	1168-TR3		
378	480V	PANEL	1168-PP-1	PP1	YES	YES	YES	OUTSIDE 1-168 ON AISLE	SUBSTATION 2 BKR# A3		
379	480V	PANEL	1168-PP-3	PP3	YES	YES	NOT NEEDED	SOUTH WALL OF 1168	1168-PP-1 BKR# 2		SEE DIRECTORY ON PANEL
380	480V	PANEL	1168-PP-3A	PP3A	YES	YES	NOT NEEDED	SOUTH WALL OF 1168	1168-PP-1 BKR# 2		SEE DIRECTORY ON PANEL
381	208/120V	PANEL	1168-PPX5	PPX5	YES	YES	YES	SOUTH WALL OF 1168	1168-SW-TR4		SEE DIRECTORY ON PANEL
382	208/120V	SWITCH	1168-SW-EF1&2	EF1&EF2	YES	YES	NOT NEEDED	SOUTH WALL OF 1168	1168-PP-3		
383	208/120V	SWITCH	1168-SW-BRIDGE CRANE, 3 TON	BRIDGE CRANE	YES	YES	NOT NEEDED	NORTH WALL OF 1168	1168-PP-1 BKR# 9		
384	208/120V	SWITCH	1168-SW-He3 COMPRESSOR	HE3 COMP	YES	YES	NOT NEEDED	EAST WALL OF 1168	1168-PP-3		
385	208/120V	SWITCH	1168-SW-TR4	TR4	YES	YES	NOT NEEDED	OUTSIDE 1-168 ON AISLE	X5-PP-2-SW#3	SWITCH FOR TR4	

NSLS Master Power Distribution List

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386	480V	SWITCH	1168-SW-CRANE	TROLLEY CRANE	YES	YES	NOT NEEDED	OUTSIDE 1-168 ON AISLE	1168-PP-1 BKR# 10		
387	480V	TRANSFORMER	1168-TR1	TR1	YES	YES	NOT NEEDED	TOP OF SOUTH WALL	1168-PP-3 CKT# 1	DISTRIBUTION XFMR	
388	480V	TRANSFORMER	1168-TR2	TR2	YES	YES	NOT NEEDED	TOP OF SOUTH WALL	1168-PP-3 CKT# 2	DISTRIBUTION XFMR	
389	480V	TRANSFORMER	1168-TR3	TR3	YES	YES	NOT NEEDED	TOP OF SOUTH WALL	1168-PP-3 CKT# 4	DISTRIBUTION XFMR	
390	480V	TRANSFORMER	1168-TR4	TR4	YES	YES	NOT NEEDED	OUTSIDE 1-168 ON AISLE	X5-PP-2 SW# 3	DISTRIBUTION XFMR	
391	208/120V	SWITCH	1168-SW-METERS	METER	YES	YES	NOT NEEDED	SIDE OF 1168-DPD1	1168-DP-P1		
392	480V	TRANSFORMER	1168-TR-1	TR1	YES	YES	NOT NEEDED	ON ROOF OF 1168B	1168-PP-1 BKR# 4		
393	480V	TRANSFORMER	1168-TR-2	TR2	YES	YES	NOT NEEDED	ON ROOF OF 1168B	1168-PP-1 BKR# 5		
394	208/120V	PANEL	1168A-LPEMX5	LPEMX5	YES	YES	YES	OUTSIDE 1-168A	1208-LPEMB CKT# 8,10,12		SEE DIRECTORY ON PANEL
395	208/120V	PANEL	1168B-LP-1	LP1	YES	YES	YES	IN ROOM 1168B	1168-PP-1 BKR# 4 VIA 1168-TR-1		SEE DIRECTORY ON PANEL
396	208/120V	SWITCH	1168B-SW-A/C9	A/C9	YES	YES	NOT NEEDED	ON ROOF OF 1168B	1168-PP-1 SW# 3		
397	208/120V	SWITCH	1168B-SW-H2O PUMP	NONE	YES	YES	NOT NEEDED	ON ROOF OF 1168B	X5-LP-4 CKT# 7,9,11	WATER PUMP	
398	208/120V	SWITCH	1168C-SW-H2O HEATER	H2O HEATER	YES	YES	NOT NEEDED	ON ROOF OF 1168C	1168-PP-1 SW# 12		
399	208/120V	SWITCH	1169-SW-SPARE	NONE	YES	YES	NOT NEEDED	INSIDE ROOM 1169	1168-PP-2X5		
400	480V	SWITCH	1169-SW-CRANE	CRANE	YES	YES	NOT NEEDED	NORTH WALL OF 1169	1168-PP-1X5 CKT# 19,21,23		
401	208/120V	SWITCH	1169-SW-HE LIQUIFIER	NONE	YES	YES	NOT NEEDED	UP IN ROOM 1169	1168-PP-2X5		
402	208/120V	SWITCH	1169-SW-UNKNOWN FUNCTION	NONE	YES	YES	NOT NEEDED	UP IN ROOM 1169	1168-PP-2X5		
403	480V	SWITCH	1170-SW-DEHUMIDIFIER	NONE	YES	YES	NOT NEEDED	ON TOP OF COLD BOX RM 1170	1172A-EPP-7	DEHUMIDIFIER	
404	480V	PANEL	1172A-EPP-7	EPP7	YES	YES	YES	SOUTH WALL	1121-EXPCDC1 SW# 9	SAFETY PNL IN MER2	
405	480V	PANEL	1172A-PP-HPEA	PPHPEA	YES	YES	YES	SOUTH WALL	1172B-PDP-1 SW# 4		
406	208/120V	PANEL	1172A-LP-EA	LPEA	YES	YES	YES	NORTH WALL	1172A-SW-LP-EA		
407	208/120V	PANEL	1172A-LPZEA1	LPZEA1	YES	YES	YES	EAST WALL	1172B-PDP-1 SW# 3 VIA 1172A-TR2		
408	208/120V	PANEL	1172A-LPZEA2	LPZEA2	YES	YES	YES	EAST WALL	1172B-PDP-1 SW# 3 VIA 1172A-TR2		
409	208/120V	SWITCH	1172A-SW-FAN EFLE26 RM 1-170	EFLE26	YES	YES	NOT NEEDED	EAST WALL	1172A-PP-HPEA CKT# 1,3,5	EXHAUST FAN RM1170	
410	208/120V	SWITCH	1172A-SW-FAN EFLE27 RM 1-172	EFLE27	YES	YES	NOT NEEDED	EAST WALL	1172A-PP-HPEA CKT# 7,9,11	EXHAUST FAN RM1172	
411	208/120V	SWITCH	1172A-SW-FAN EFLE28 RM 1-180	EFLE28	YES	YES	NOT NEEDED	EAST WALL	1172A-PP-HPEA CKT# 2,4,6	EXHAUST FAN RM1180	
412	208/120V	SWITCH	1172A-SW-1181-PP-MCR/MCR1	PPMCR/MCR1	YES	YES	NOT NEEDED	EAST WALL	1172A-TR1	TWO PANELS IN MCR	MAIN CONTROL ROOM POWER
413	208/120V	SWITCH	1172A-SW-LP-EA	LPEA	YES	YES	NOT NEEDED	EAST WALL	1172A-TR2	1172A,LPEA	
414	208/120V	SWITCH	1172A-SW-COMPR#1	NONE	YES	NO	NOT NEEDED	WEST WALL	1168-PP-3 SW# 3	COMPRESSOR #1	
415	208/120V	SWITCH	1172A-SW-COMPR#2	NONE	YES	NO	NOT NEEDED	WEST WALL	1168-PP-3 SW# 3	COMPRESSOR#2	
416	208/120V	SWITCH	1172A-SW-3-AC17 AIR COND.	AC17AIRCOND	YES	YES	NOT NEEDED	SOUTH WALL	1172B-PDP-1 SW#5	AC17 AIR COND.	
417	208/120V	SWITCH	1172A-SW-4-RF1	RF1	YES	YES	NOT NEEDED	SOUTH WALL	1172B-PDP-1 SW#5		
418	208/120V	SWITCH	1172A-SW-5-H2O HEATER	H2OHEATER	YES	YES	NOT NEEDED	SOUTH WALL	1172B-PDP-1 SW#5		
419	208/120V	SWITCH	1172A-SW-6-COND PUMP	CONDPUMP	YES	YES	NOT NEEDED	SOUTH WALL	1172B-PDP-1 SW#5		
420	480V	PANEL	1172A-PP-COLD BOXES	COLDBOXCOMPRESSOR	YES	YES	NEEDS BKR TRACE	WEST WALL	1172A-EMERG TRANS		
421	480V	TRANSFORMER	1172A-EMERG TRANS	NONE	YES	YES	NOT NEEDED	WEST WALL	1172A-EPP-7		
422	480V	TRANSFORMER	1172A-TR1	TR1	YES	YES	NOT NEEDED	SOUTH WALL	1172B-PDP-1 SW# 2	DISTRIBUTION XFMR	
423	480V	TRANSFORMER	1172A-TR2	TR2	YES	YES	NOT NEEDED	EAST WALL	1172B-PDP-1 SW# 3	DISTRIBUTION XFMR	
424	208/120V	PANEL	1172B-PDP-1	PDP1	YES	YES	YES	RIGHT SIDE ALCOVE	1193-IDC SW#7	1172A-???	
425	208/120V	PANEL	1181-PP-MCR	PPMCR CLRP	YES	YES	YES	CONTROL ROOM	1172A-SW-1181-PP-MCR/MCR1	NEW MCR PWR	NEW MCR PWR
426	208/120V	PANEL	1181-PP-MCR1	PPMCR1	YES	YES	YES	CONTROL ROOM	1172A-SW-1181-PP-MCR/MCR1	NEW MCR PWR	NEW MCR PWR
427	208/120V	PANEL	1181-UPS-RP1	UPSRP1	YES	YES	YES	CONTROL ROOM	2101-PP-UPS5	-----	-----
428	208/120V	SWITCH	1186-SW-KLY1-LOCKOUT	KLY1	YES	YES	NOT NEEDED	KLYSTRON AREA	1187-PP-B5 BKR# 20,22,24	MODULATOR/KLYSTRON #1	MODULATOR/KLYSTRON #1
429	208/120V	SWITCH	1186-SW-KLY2-LOCKOUT	KLY2	YES	YES	NOT NEEDED	KLYSTRON AREA	1187-PP-B5 BKR# 1,3,5	MODULATOR/KLYSTRON #2	MODULATOR/KLYSTRON #2
430	208/120V	SWITCH	1186-SW-KLY3-LOCKOUT	KLY3	YES	YES	NOT NEEDED	KLYSTRON AREA	1187-PP-B5 BKR# 17,19,21	MODULATOR/KLYSTRON #3	MODULATOR/KLYSTRON #3
431	208/120V	PANEL	1187-DPL	DPL	YES	NO	NOT NEEDED	GUN AREA	ABANDONED PANEL	NO LOADS	NO LOADS
432	208/120V	PANEL	1187-EPPL	EPPL	YES	YES	YES	S.E. WALL	1187-SW-TR-UPS5/EPPL	LOBBY,VUV,ETC	SEE DIRECTORY ON PANEL
433	208/120V	PANEL	1187-ERP-2	ERP2	YES	YES	YES	GUN AREA	1187-TR-ERP-2	LINAC VAC	SEE DIRECTORY ON PANEL
434	208/120V	PANEL	1187-PP-B5	PPB5	YES	YES	YES NEEDS BKR TRACE	S.E. WALL	1193-LDP-A CKT# 3		SEE DIRECTORY ON PANEL
435	208/120V	PANEL	1187-PP-B6	PPB6	YES	YES	YES	S.E. WALL	1193-LDP-A CKT# 3		SEE DIRECTORY ON PANEL
436	208/120V	PANEL	1187-PPL2	PPL2	YES	YES	YES	ON SR-8	1187-PP-B6 BKR# 40,42,44	GUN RACK AREA PWR	SEE DIRECTORY ON PANEL
437	208/120V	PANEL	1187-PP-UPS5	UPS5A	YES	YES	YES NEEDS BKR TRACE	GUN AREA	2101-PP-UPS5		
438	208/120V	SWITCH	1187-SW-GUN HV	GUNHV	YES	NOT NEEDED	NOT NEEDED	SIDE OF GUN CABINET	NOT NEEDED		
439	208/120V	SWITCH	1187-SW-TR-ERP-2	TR3	YES	YES	NOT NEEDED	S.E. WALL	1121-SW-EMER GEN DISC.ERP1 & ERP-2	PANEL ERP-2	PANEL ERP-2
440	208/120V	SWITCH	1187-SW-TR-UPS5/EPPL	TRUPS	YES	YES	NOT NEEDED	N.E. WALL	1121-SW-EMER GEN DISC.ERP1 & ERP-2	XFMR TR-3	

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441	480V	TRANSFORMER	1187-TR-ERP-2	TR3	YES	YES	NOT NEEDED	S.E. WALL	1187-SW-TR-ERP-2	EMER PWR XFMR	1187-ERP-2
442	480V	TRANSFORMER	1187-TR-UPS5/EPPL	TRUPS	YES	YES	NOT NEEDED	N.E. WALL	1121-EXPDC1 CKT# 9	COMP. UPS XFMR	1187-SW-UPS
443	208/120V	SWITCH	1188-SW-KLY1H2O	KLY1H2O	YES	YES	NOT NEEDED	ON TOP OF LINAC 1	1189-PP-B4 CKT# 20,22,24	LINAC H2O PUMP	KLY1H2O PUMP SYSTEM
444	208/120V	SWITCH	1188-SW-KLY2H2O	KLY2H2O	YES	YES	NOT NEEDED	ON TOP OF LINAC 2	1189-PP-B4 CKT# 14,16,18	LINAC H2O PUMP	KLY2H2O PUMP SYSTEM
445	208/120V	PANEL	1189-LPX	LCP	YES	YES	YES	IN BOOSTER TUNNEL	1193-LODC3 CKT# 13		SEE DIRECTORY ON PANEL
446	208/120V	PANEL	1189-PP-B4	PPB4	YES	YES	YES	S.E. WALL	1193-LDP-A CKT# 3		SEE DIRECTORY ON PANEL
447	208/120V	SWITCH	1189-SW-BSTR CRANE	BSTRCRANE	YES	YES	NOT NEEDED	CENTER OF BOOSTER RING	1189-PP-B4 CKT# 26,28,30	BOOSTER CRANE	BOOSTER CRANE
448	208/120V	SWITCH	1190-SW-ELEV-SOUTH	ELEVSOUTH	YES	YES	NOT NEEDED	ON WALL	1200-MCC-1 SW# 10	FRONT ELEVATOR	FRONT ELEVATOR
449	208/120V	PANEL	1191-LPLB	LPLB	YES	YES	YES NEEDS BKR TRACE	OPPOSITE ELEVATOR	1193-LDP-B SW# 6		SEE DIRECTORY ON PANEL
450	208/120V	BREAKER	1193-BKR-BDIP-NWL	BDIPNWL	YES	YES	NOT NEEDED	END OF NWL PS	1193-SW-BDIP	BDIP NWL	
451	208/120V	BREAKER	1193-BKR-BDIP-KIRKHOFF	BDIPKIRKHOFF	YES	YES	NOT NEEDED	END OF NWL PS	1193-SW-BDIP	BDIP KIRKHOFF	
452	208/120V	PANEL	1193-EPP-9	EPP9	YES	YES	YES	BOOSTER DIP. PS AREA	1201-SW-1193-EPP-9		
453	208/120V	PANEL	1193-LDP-A	LDPA	YES	YES	YES	BOOSTER DIP. PS AREA	1193-IDC SW# 8 VIA 1193-TR7/BAT2		
454	208/120V	PANEL	1193-LDP-B	LDPB	YES	YES	YES	BOOSTER DIP. PS AREA	1193-LODC3 SW# 1 VIA 1193-TR3/BAT1		
455	208/120V	PANEL	1193-LP-EMD	LPEMD	YES	YES	YES	IBEAM BY KICKER PS	1201-SW-1193-LP-EMD	EMER PWR DISCONNECT	SEE DIRECTORY ON PANEL
456	208/120V	PANEL	1193-PP-B4A	PPB4A	YES	YES	YES	ON SR-11C	1189-PP-B4	RACK PWR	SEE DIRECTORY ON PANEL
457	480V	SWITCH	1193-SW-BDIP	BDIPPWR	YES	YES	NOT NEEDED	ON NORTH WALL	SUBSTA #3 BKR# A4	KIRKHOFF/NWL BREAKERS	
458	208/120V	SWITCH	1193-SW-EPP-9	EPP9	YES	YES	NOT NEEDED	BOOSTER DIP. PS AREA	1201-SW-1193-EPP-9		
459	208/120V	TRANSFORMER	1193-TR-7E	TR7E	YES	YES	NOT NEEDED	ON NORTH WALL	1201-SW-1193-EPP-9		
460	208/120V	TRANSFORMER	1193-TR3/BAT1	TR3/BAT1	YES	YES	NOT NEEDED	ON NORTH WALL	1193-LODC3 SW #1	DISTRIBUTION XFMR	
461	208/120V	TRANSFORMER	1193-TR7/BAT2	TR7/BAT2	YES	YES	NOT NEEDED	ON NORTH WALL	1193-IDC SW #3	DISTRIBUTION XFMR	
462	208/120V	UPS SUPPLY	1193-UPS-B-CR	UPSB	YES	YES	NOT NEEDED	EAST SIDE	1193-EPP-9 CKT# 1,3,5		
463	480V	PANEL	1193-IDC	IDC	YES	YES	YES	BOOSTER DIP. PS AREA	SUBSTATION 3 BKR# B3		
464	480V	PANEL	1193-LODC3	LODC3	YES	YES	NOT NEEDED	ON EAST WALL	SUBSTATION 3 BKR# B2		
465	208/120V	PANEL	1193-PP-UPS-RP2	UPSRP2	YES	YES	NOT NEEDED	ON EAST WALL	1193-EPP-9 CKT# 1,3,5	1193EPP-9 CKT 1,3,5	
466	480V	BOX-PULL	1200-JB-2	JB2	YES	YES	NOT NEEDED	N.W. WALL	SUBSTATION 3 BKR 1 AUX SWITCH		
467	480V	BOX-PULL	1200-JB-3	JB3	YES	YES	NOT NEEDED	N.E. WALL	SUBSTATION 1		
468	480V	BREAKER	1200-BKR-XDIPP	XDIPP	YES	YES	NOT NEEDED	N.E. WALL	1200-SW-XDIPP		
469	208/120V	PANEL	1200-PP-XR-1	PPXR1	YES	YES	NEEDS CARD	N.E. WALL	1200-XDP-1 CKT# 3		
470	480V	PANEL	1200-DPXR-1	DPXR1	YES	YES	YES	N.E. WALL	1200-XRAY DISTR CTR 1 CKT# 5		
471	480V	PANEL	1200-MCC-1	MCC1	YES	YES	YES	EAST WALL	SUB STATION 3 BKR# 1 AUX SWITCH		
472	480V	PANEL	1200-PP-A	PPA	YES	YES	YES NEEDS BKR TRACE	S.W. WALL	1193-LODC3 CKT# 7		
473	208/120V	PANEL	1200-PP-B	PPB	YES	YES	YES NEEDS BKR TRACE	S.W. WALL	1193-LDP-B SW# 3		SEE DIRECTORY ON PANEL
474	208/120V	PANEL	1200-PP-TRIM 1	PP TRIM POWER1	YES	YES	YES	EAST WALL	1200-XDP-1 CKT# 1		SEE DIRECTORY ON PANEL
475	208/120V	PANEL	1200-PP-TRIM 2	PP TRIM POWER2	YES	YES	YES	EAST WALL	1200-XDP-1 CKT# 4		
476	480V	PANEL	1200-PP-XRAY DISTR CTR 1	XRAY DISTR CTR 1	YES	YES	YES	N.W. WALL	SUBSTATION 2 BKR# B2		
477	208/120V	PANEL	1200-RPEMA	RPEMA	YES	YES	YES	S.W. WALL	1201-SW-RPEMA		
478	208/120V	PANEL	1200-XDP-1	XDP-1	YES	YES	YES	EAST WALL	1201-TR3		
479	208/120V	PANEL	1200-XPP-2	XDP-2	YES	YES	YES	EAST WALL	1200-XDP-1 CKT# 6		
480	208/120V	PANEL	1200-XPP-3	XDP-3	YES	YES	YES	EAST WALL	1200-XDP-1 CKT# 5		
481	208/120V	PANEL	1200-XPP-5	XDP-5	YES	YES	YES	EAST WALL	1200-TR-1		SEE DIRECTORY ON PANEL
482	480V	PANEL	1200-XRAY DISTR CTR #3	XRAY DISTR CTR #3	YES	YES	YES	N.E. WALL	SUBSTATION 1 BKR# B1		SEE DIRECTORY ON PANEL
483	480V	PANEL	1200-PP-XRAY EXP PNL A/B	XRAY-EXP PANEL A/B	YES	YES	YES	N.W. WALL	SUBSTATION 1 BKR# B3		
484	208/120V	SWITCH	1200-SW-SR 25	NONE	YES	YES	NOT NEEDED	SIDE OF SR-25	1200-PP-XR-1 BKR# 6,8,10		
485	480V	SWITCH	1200-SW-SPARE	NONE	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-A NOT BEING USED/OFF		
486	480V	SWITCH	1200-SW-BOOSTER PUMP D2	NONE	YES	YES	NOT NEEDED	UP ON X5 CATWALK	X5-PP-2 CKT# 1		
487	480V	SWITCH	1200-SW-BOOSTER PUMP D3	NONE	YES	YES	NOT NEEDED	UP ON X5 CATWALK	X5-PP-2 CKT# 1		
488	480V	SWITCH	1200-SW-D2 BOOSTER PUMP TRANSFER	NONE	YES	YES	NOT NEEDED	UP ON X5 CATWALK	1200-SW-BOOSTER PUMP D2	BOOSTER PUMP D2 A&B	
489	480V	SWITCH	1200-SW-D3 BOOSTER PUMP TRANSFER	NONE	YES	YES	NOT NEEDED	UP ON X5 CATWALK	1200-SW-BOOSTER PUMP D3	BOOSTER PUMP D3 A&B	
490	480V	SWITCH	1200-SW-XSXF CONTROL PWR	OLDSXDCTLPWR	YES	YES	NOT NEEDED	TOP OF 1200 XRAY DIST3	1200-XRAY DISTR CTR#3		
491	208/120V	SWITCH	1200-SW-XPP5	XPP5	YES	YES	NOT NEEDED	N.E. WALL	200 XRAY DISTR CTR 1 CKT# 7 VIA 1200-TR	SEXT CTL PWR VIA 1200-TR-??	
492	480V	SWITCH	1200-SW-XQA	XQA	YES	YES	NOT NEEDED	N.E. WALL	1200-XRAY DISTR CTR 1 CKT# 1		
493	480V	SWITCH	1200-SW-XQB	XQB	YES	YES	NOT NEEDED	N.E. WALL	1200-XRAY DISTR CTR 1 CKT# 3		
494	480V	SWITCH	1200-SW-XQC	XQC	YES	YES	NOT NEEDED	N.E. WALL	1200-XRAY DISTR CTR 1 CKT# 1		
495	480V	SWITCH	1200-SW-XRF ANODE1SYSTEMS1/2	XRFANODE1	YES	YES	NOT NEEDED	N.E. WALL	SUBSTATION 1 BKR# B2		

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496	480V	SWITCH	1200-SW-XRF2 PUMP STATION	NONE	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-A-CKT# 1,3,5		
497	480V	SWITCH	1200-SW-XRF1 HEATER	NONE	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-A-CKT# 8,10,12		
498	480V	SWITCH	1200-SW-XRF1 PUMP STATION	NONE	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-A-CKT# 7,9,11		
499	480V	SWITCH	1200-SW-XRF2 HEATER	NONE	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-A-CKT# 2,4,6		
500	480V	SWITCH	1200-SW-XRF1A 125 KW FILAMENT	XRF1A 125 KW FILAMENT	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-B CKT# 10,12		
501	480V	SWITCH	1200-SW-XRF1A 125 KW PLATE SUPPLY	XRF1A 125 KW PLATE SUPPLY	YES	YES	NOT NEEDED	S.W. WALL	1200-SW-XRF ANODE1SYSTEMS1/2		
502	208/120V	SWITCH	1200-SW-XRF2A 125 KW FILAMENT	XRF2A 125 KW FILAMENT	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-B CKT# 36,38		
503	480V	SWITCH	1200-SW-XRF2A 125 KW PLATE SUPPLY	XRF2A 125 KW PLATE SUPPLY	YES	YES	NOT NEEDED	S.W. WALL	1200-SW-XRF ANODE1SYSTEMS1/2		
504	480V	SWITCH	1200-SW-XRF2A 3 KW PLATE SUPPLY	XRF2A 3 KW PLATE SUPPLY	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-A CKT# 6		
505	208/120V	SWITCH	1200-SW-XRF2B 125 KW FILAMENT	XRF2B 125 KW FILAMENT	YES	YES	NOT NEEDED	S.W. WALL	1200-PP-B CKT# 40,42		
506	480V	SWITCH	1200-SW-XRF2B 125 KW PLATE SUPPLY	XRF2B 125 KW PLATE SUPPLY	YES	YES	NOT NEEDED	S.W. WALL	1200-SW-XRF ANODE1SYSTEMS1/2		
507	480V	SWITCH	1200-SW-XRF1B 125 KW PLATE SUPPLY	XRF1B 125 KW PLATE SUPPLY	YES	YES	NOT NEEDED	N.E. WALL	1200-SW-XRF ANODE1SYSTEMS1/2		
508	480V	SWITCH	1200-SW-XRF1 3 KW PLATE SUPPLY	XRF1 3 KW PLATE SUPPLY	YES	YES	NOT NEEDED	INSIDE OF SR21	1200-DPXR-1 CKT# 5		
509	480V	SWITCH	1200-SW-XRF1 3KW BLOWER	XRF1BLOWER	YES	YES	NOT NEEDED	SIDE OF SR21	1200-PP-XR-1-BKR# 12,14,16		
510	480V	SWITCH	1200-SW-XDIPP	XDIPP	YES	YES	NOT NEEDED	N.E. WALL	SUB STATION 2 BKR# B1		
511	480V	TRANSFORMER	1200-TR-1	TR1	YES	YES	NOT NEEDED	N.E. WALL	1200-XRAY DISTR CTR 1 CKT# 7		
512	480V	TRANSFORMER	1201-TR-3	TR3	YES	YES	NOT NEEDED	NEAR 1200-XDP-1	1200-XRAY DIST CTR 1,CKT# 2		XDP-1
513	480V	PANEL	1201-DP-300	DP300	YES	YES	YES	N.E. WALL	1193-IDC SW# 12		
514	480V	PANEL	1201-LPX-09	LPX OR LCP	YES	YES	YES	N.E. WALL	1193-LODC3 SW #13		SEE DIRECTORY ON PANEL
515	208/120V	PANEL	1201-PP4	PP4	YES	YES	YES	S.E. WALL	1201-TR2		SEE DIRECTORY ON PANEL
516	208/120V	PANEL	1201-PP-BQ/S-CTLPWR	PPBQ/S CTLPWR	YES	YES	YES	N.W. WALL	1201-PP-UPS-2		SEE DIRECTORY ON PANEL
517	208/120V	PANEL	1201-PP-SR110	PPSR110	YES	YES	YES	S.E. WALL	1201-SW-SR110		
518	208/120V	PANEL	1201-PP-UPS-2	PPUPS2	YES	YES	YES	N.W. WALL	1201-TR6		
519	208/120V	PANEL	1201-PPXR2	PPXR2	YES	YES	YES	S.E. WALL	1200-XDP-1 CKT# 2		SEE DIRECTORY ON PANEL
520	208/120V	PANEL	1201-PPXR2A	PPXR2A	YES	YES	YES	S.E. WALL	1201-PPXR2 CKT# 31,33,35		SEE DIRECTORY ON PANEL
521	208/120V	SWITCH	1201-SW-BXQ1	BXQ1	YES	YES	NOT NEEDED	N.W. WALL	1201-PP4 CKT# 13,19		
522	480V	SWITCH	1201-SW-EPW POWER SUPPLY	EPWPOWERSUPPLY	YES	YES	NOT NEEDED	S.E. WALL	1202-RF-AUX BKR# 5		
523	208/120V	SWITCH	1201-SW-BXD5	BXD5	YES	YES	NOT NEEDED	S.E. WALL	1201-XPP4 CKT# 2	BXD5 PS	
524	208/120V	SWITCH	1201-SW-RPEMA	RPEMA	YES	YES	NOT NEEDED	N.E. WALL	1201-TR5	RPEMA	
525	480V	SWITCH	1201-SW-1193-EPP-9	EPP9	YES	YES	NOT NEEDED	N.E. WALL	1193-LODC3 SW# 10		
526	208/120V	SWITCH	1201-SW-1193-LP-EMD	LPEMD	YES	YES	NOT NEEDED	N.E. WALL	1201-SW-T5 VIA 1201-TR5		
527	480V	SWITCH	1201-SW-1208-LPHEMA	LPHEMA	YES	YES	NOT NEEDED	N.E. WALL	1193-LODC3 SW# 10		
528	480V	SWITCH	1201-SW-480V OUTLET	480VOLTLET	YES	YES	NOT NEEDED	S.E. WALL	1202-RF-AUX BKR# 5		
529	480V	SWITCH	1201-SW-BQDPWR	BQDPWR	YES	YES	NOT NEEDED	N.W. WALL	1201-DP-300 CKT# 7		
530	480V	SWITCH	1201-SW-BSEXTPWR	BSEXTPWR	YES	YES	NOT NEEDED	N.W. WALL	1201-DP-300 CKT# 1		
531	480V	SWITCH	1201-SW-BXD	BXD	YES	YES	NOT NEEDED	N.W. WALL	1200-DPXR-1 CKT# 1		
532	208/120V	SWITCH	1201-SW-SR110	SR110	YES	YES	NOT NEEDED	S.E. WALL	1201-PPXR2 CKT# 25,27,29		
533	480V	SWITCH	1201-SW-TR5	TR5	YES	YES	NOT NEEDED	N.E. WALL	1193-LODC3 SW# 10		
534	480V	SWITCH	1201-SW-TR-9	TR9	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1202-RF-AUX CKT# 6		
535	208/120V	SWITCH	1201-SW-OUTLET	OUTLET	YES	YES	NOT NEEDED	N.E. WALL	1202-PB-2A CKT# 9,11,13		
536	480V	SWITCH	1201-SW-WELDING OUTLET	WELDINGOUTLET	YES	YES	NOT NEEDED	N.E. WALL	1207-MCC2A		
537	208/120V	SWITCH	1201-SW-PP4	XPP4	YES	YES	NOT NEEDED	NEAR 1201-TR-2	1201-TR-2		
538	480V	SWITCH	1201-SW-XSXD	XSXD	YES	YES	NOT NEEDED	N.W. WALL	1205-PP-RF-TEST CKT# 7		
539	480V	TRANSFORMER	1201-TR-2	TR2	YES	YES	NOT NEEDED	S.W. WALL	1200-XRAY DISTR CTR 1 CKT# 6		
540	480V	TRANSFORMER	1201-ISO XFORMER	ISOFORMER	YES	YES	NOT NEEDED	N.E. WALL	1201-DP-300 CKT# 3	DISTRIBUTION XFMR	
541	480V	TRANSFORMER	1201-TR5	TR5	YES	YES	NOT NEEDED	N.E. WALL	1201-SW-TR5	DISTRIBUTION XFMR	
542	480V	TRANSFORMER	1201-TR6	TR6	YES	YES	NOT NEEDED	N.E. WALL	1201-DP-300 CKT# 8		
543	480V	TRANSFORMER	1201-TR-9	TR9	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1201-SW-TR-9		
544	208/120V	PANEL	1202-PB-2	PB2	YES	YES	YES	S.E. WALL	1201-TR-9		SEE DIRECTORY ON PANEL
545	208/120V	PANEL	1202-PB-2A	PPB2A	YES	YES	YES	S.E. WALL	1202-PB-2 CKT# 23,25,27		
546	480V	PANEL	1202-RF-AUX	RFAUX	YES	YES	YES	S.E. WALL	1205-PP-RF-TEST SW# 3		
547	480V	SWITCH	1202-SW-RF TEST 2	RFTEST2	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1205-PP-RF-TEST SW# 9		
548	208/120V	SWITCH	1202-SW-RF-1 FILAMENT	RFTESTFILAMENT	YES	YES	NOT NEEDED	S.E. WALL	1202-PB-2 CKT# 22,24		
549	208/120V	SWITCH	1202-SW-RF-2 FILAMENT	NONE	YES	YES	NOT NEEDED	S.E. WALL	1202-PB-2 CKT# 17,19		
550	480V	SWITCH	1202-SW-RF-TEST 1	RFTEST1	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1205-PP-RF-TEST SW# 4		

NSLS Master Power Distribution List

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551	480V	SWITCH	1203-SW-HEATER CONTROL	HEATERCONTROL	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1202-RF-AUX CKT# 4		
552	480V	SWITCH	1203-SW-PUMP CONTROL	PUMPCONTROL	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1202-RF-AUX CKT# 3		
553	480V	SWITCH	1203-SW-RECEPTACLE DISCONNECT	RECEPTACLEDISCONNECT	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1202-PB-2 CKT# 2		
554	208/120V	SWITCH	1203-SW-SPARE (OLD TEMP CTL)	SPARE	YES	YES	NOT NEEDED	RF AMPL TEST AREA	1202-PB-2 CKT# 16,18,20		
555	208/120V	PANEL	1204-PP-MS	MS	YES	YES	YES	N.W. WALL	1205-PP-RF-TEST CKT# 5		SEE DIRECTORY ON PANEL
556	208/120V	SWITCH	1204-SW-LARGE DRILL PRESS	LARGEDRILLPRESS	YES	YES	NOT NEEDED	S.W. WALL	1204-PP-MS CKT# 7,9,11		
557	208/120V	SWITCH	1204-SW-LATHE	LATHE	YES	YES	NOT NEEDED	S.W. WALL	1204-PP-MS CKT# 10,12		
558	208/120V	SWITCH	1204-SW-MILLER	MILLER	YES	YES	NOT NEEDED	N.W.WALL	1204-PP-MS CKT# 14,16,18		
559	208/120V	SWITCH	1204-SW-OUTLET1	OUTLET	YES	YES	NOT NEEDED	N.W. WALL	1205-RF-LPH1 SW# 7		
560	480V	SWITCH	1204-SW-OUTLET2	OUTLET	YES	YES	NOT NEEDED	S.W. WALL	1204-PP-MS CKT# 13		
561	480V	TRANSFORMER	1204-TR-2	TR2	YES	YES	NOT NEEDED	N.W. WALL	1205-PP-RF TEST CKT# 5	DISTRIBUTION XFMR	
562	208/120V	PANEL	1205-PP-LRP1	LRP1	YES	YES	YES	N.W. WALL	1205-PP-RF-TEST CKT#11 VIA 1205-TR-1		SEE DIRECTORY ON PANEL
563	480V	PANEL	1205-PP-RF-TEST	PPRFTEST	YES	YES	YES	N.W. WALL	SUBSTATION 1 BKR# A3		
564	480V	PANEL	1205-RF-LPH1	RFLPH1	YES	YES	YES	N.W. WALL	1205-PP-RF-TEST SW# 6		
565	480V	SWITCH	1205-SW-TEST 1	NONE	YES	YES	NOT NEEDED	WEST WALL	1205-RF-LPH1 SW# 7		
566	208/120V	SWITCH	1205-SW-TEST 2	NONE	YES	YES	NOT NEEDED	WEST WALL	1205-LRP1 CKT# 22,24,26		
567	480V	SWITCH	1205-SW-AIR CURTAIN	AIRCURTAIN	YES	YES	NOT NEEDED	N.W. WALL	1205-RF-LPH1 SW# 5		
568	480V	TRANSFORMER	1205-TR-1	TR1	YES	YES	NOT NEEDED	N.W. WALL	1205-PP-RF-TEST CKT# 11	DISTRIBUTION XFMR	
569	480V	PANEL	1206-MCC-2B	MMC2B	YES	YES	NOT NEEDED	N.E. WALL	1193-IDC SW# 13		
570	208/120V	PANEL	1207-LP-LD	LPLD	YES	YES	YES	LEFT OF ENTRY	1193-LDP-B CKT# 1		
571	480V	SWITCH	1207-SW-CAC1 (AIR COMPRESSOR)	CAC	YES	YES	NOT NEEDED	ON NORTH MEZZ	1208-LPHEMA CKT# 7		
572	480V	SWITCH	1207-SW-CAC2 (AIR COMPRESSOR)	CAC	YES	YES	NOT NEEDED	ON NORTH MEZZ	1208-LPHEMA CKT# 7		
573	480V	SWITCH	1207-SW-PP-1	PP1	YES	YES	NOT NEEDED	BY THE PUMPS	1206-MCC-2B		
574	480V	SWITCH	1207-SW-PP-1A	PP1A	YES	YES	NOT NEEDED	BY THE PUMPS	1206-MCC-2B		
575	480V	SWITCH	1207-SW-PP-2	PP2	YES	YES	NOT NEEDED	BY THE PUMPS	1206-MCC-2B		
576	480V	SWITCH	1207-SW-FROM M/G SET	FROMM/GSET	YES	YES	NOT NEEDED	NORTH WALL	DIESEL GENERATOR		
577	480V	SWITCH	1207-SW-XFER#2	ATS#2	YES	YES	NOT NEEDED	NORTH WALL	SEL GENERATOR OR SUBSTATION 3 BKR# B2		
578	208/120V	SWITCH	1207-SW-H2O HTR	NONE	YES	YES	NOT NEEDED	EAST WALL	1207-LP-LD BKR# 40,42		
579	480V	SWITCH	1207-SW-PD-1	NONE	YES	YES	NOT NEEDED	EAST WALL	1207-MCC2 SW# 21		
580	480V	SWITCH	1207-SW-PD-2	NONE	YES	YES	NOT NEEDED	EAST WALL	1207-MCC2 SW# 22		
581	480V	SWITCH	1207-SW-PD-3	NONE	YES	YES	NOT NEEDED	EAST WALL	1207-MCC2 SW# 23		
582	480V	SWITCH	1207-SW-P5	P5	YES	YES	NOT NEEDED	BY PUMPS	1115-MDC-1 SW# 3		
583	480V	SWITCH	1207-SW-P6	P6	YES	YES	NOT NEEDED	BY PUMPS	1115-MDC-1 SW# 3		
584	480V	SWITCH	1207-SW-PR-3	PR3	YES	YES	NOT NEEDED	ON NORTH MEZZ west end	1208-LPHEMA CKT# 7		
585	480V	SWITCH	1207-SW-PR-4	PR4	YES	YES	NOT NEEDED	ON NORTH MEZZ west end	1208-LPHEMA CKT# 7		
586	480V	PANEL	1207-MDC-2	MDC2	YES	YES	NOT NEEDED	ON LEFT OF ENTRANCE	SUBSTATION 3 BKR# B4		
587	480V	PANEL	1207-MCC2A	MCC2A	YES	YES	YES	ON RIGHT REAR WALL	1115-MDC-1 CKT# 4		
588	480V	PANEL	1207-MCC2	MCC2	YES	YES	YES	ON RIGHT REAR WALL	1115-MDC-1 CKT# 5		
589	208/120V	PANEL	1208-LP-EMB	LPEMB	YES	YES	YES	NORTH WALL	1201-SW-TR5	EMERGENCY PANEL	
590	480V	PANEL	1208-LP-HA	LPHA	YES	YES	YES	NORTH WALL	1193-IDC CKT# 5		
591	480V	PANEL	1208-LPHEMA	LPHEMA	YES	YES	YES	NORTH WALL	1201-SW-1208-LPHEMA	EMERGENCY PANEL	
592	208/120V	PANEL	1208-LPHEMC	LPHEMC	YES	YES	YES	NORTH WALL	1208-SW-TR6		
593	208/120V	SWITCH	1208-SW-TR-6	TR6	YES	YES	NOT NEEDED	NORTH WALL	1207-SW-MG SET		
594	480V	TRANSFORMER	1208-TR-6	TR6	YES	YES	NOT NEEDED	ABOVE NORTH WALL	1208-SW-TR6		
595	480V	PANEL	1210-PDP-MCCA	MCCA	YES	YES	YES	NORTH WALL	SUBSTATION 3 BKR# A3		
596	208/120V	SWITCH	1210-SW-AIR COMP	NONE	YES	YES	NOT NEEDED	WEST WALL	1210-PP-NQOB CKT#8		
597	208/120V	PANEL	1210-PP-NQOB	NQOB	YES	YES	YES	NORTH WALL	1210-PDP-MCCA VIA TR BELOW		
598	480V	SWITCH	1210-SW-HE COMP1&2	NONE	YES	YES	NOT NEEDED	NORTH WALL	1210-PDP-MCCA		
599	480V	SWITCH	1210-SW-HE COMPR	NONE	YES	YES	NOT NEEDED	NORTH WALL	1210-SW-HE COMP1&2		
600	208/120V	PANEL	1221-PP-BAKE1	PPBAKE1	YES	YES	NOT NEEDED (POWER STRIPS)	BY X1Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
601	208/120V	PANEL	1221-PP-BAKE1A	PPBAKE1A	YES	YES	NOT NEEDED (POWER STRIPS)	BY X1Q1	1193-LDP-A SW# 5		
602	208/120V	PANEL	1222-PP-BAKE2	PPBAKE2	YES	YES	NOT NEEDED (POWER STRIPS)	BY X2Q1	1193-LDP-A SW# 5		
603	208/120V	PANEL	1222-PP-BAKE2A	PPBAKE2A	YES	YES	NOT NEEDED (POWER STRIPS)	BY X2Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
604	208/120V	PANEL	1223-PP-BAKE3	PPBAKE3	YES	YES	NOT NEEDED (POWER STRIPS)	BY X3Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
605	208/120V	PANEL	1223-PP-BAKE3A	PPBAKE3A	YES	YES	NOT NEEDED (POWER STRIPS)	BY X3Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL

NSLS Master Power Distribution List

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606	208/120V	PANEL	1224-PP-BAKE4	PPBAKE4	YES	YES	NOT NEEDED (POWER STRIPS)	BY X4Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
607	208/120V	PANEL	1224-PP-BAKE4A	PPBAKE4A	YES	YES	NOT NEEDED (POWER STRIPS)	BY X4Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
608	208/120V	SWITCH	1228-SW-BAKEX1-X8	PPBAKE567	YES	YES	NOT NEEDED (POWER STRIPS)	BY X4Q1	1193-LDP-A SW# 5		
609	208/120V	PANEL	1225-PP-BAKE5	PPBAKE5	YES	YES	NOT NEEDED (POWER STRIPS)	BY X5Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
610	208/120V	PANEL	1225-PP-BAKE5A	PPBAKE5A	YES	YES	NOT NEEDED (POWER STRIPS)	BY X5Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
611	208/120V	PANEL	1226-PP-BAKE6	PPBAKE6	YES	YES	NOT NEEDED (POWER STRIPS)	BY X6Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
612	208/120V	PANEL	1226-PP-BAKE6A	PPBAKE6A	YES	YES	NOT NEEDED (POWER STRIPS)	BY X6Q1	1193-LDP-A SW# 5		
613	208/120V	PANEL	1227-PP-BAKE7	PPBAKE7	YES	YES	NOT NEEDED (POWER STRIPS)	BYX7Q1	1193-LDP-A SW# 5		
614	208/120V	PANEL	1227-PP-BAKE7A	PPBAKE7A	YES	YES	NOT NEEDED (POWER STRIPS)	BYX7Q1	1193-LDP-A SW# 5		
615	208/120V	PANEL	1228-PP-BAKE8	PPBAKE8	YES	YES	NOT NEEDED (POWER STRIPS)	BYX8Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
616	208/120V	PANEL	1228-PP-BAKE8A	PPBAKE8A	YES	YES	NOT NEEDED (POWER STRIPS)	BYX8Q1	1193-LDP-A SW# 5		SEE DIRECTORY ON PANEL
617	208/120V	PANEL	2101-PP-CAPP-2	CAPP2	YES	YES	YES	WEST WALL CPTR RM	2103-SW-CAPP2	COMPUTER AREA PANEL	SEE DIRECTORY ON PANEL
618	208/120V	PANEL	2101-PBCA-1	PBCA1	YES	YES	YES	NORTH WALL	1187-PPB5 BKR# 33,35,37	LOCAL OUTLETS	SEE DIRECTORY ON PANEL
619	208/120V	PANEL	2101-PP-UPS5	UPS	YES	YES	YES	EAST WALL	1187-SW-TR-UPS5/EPPL	COMPUTER POWER	SEE DIRECTORY ON PANEL
620	208/120V	PANEL	2101-PP-UPS5A	NONE	YES	YES	YES	N.W. CORNER MIDDLE	1193-EPP-9 CKT# 18,20	2101-PP-UPS5A	SEE DIRECTORY ON PANEL
621	208/120V	SWITCH	2101-SW-UPS	NONE	YES	YES	NOT NEEDED	EAST MIDDLE	1187-SW-TR-UPS5/EPPL	1187-UPS5 DISCONNECT	1187-UPS-UPS5
622	208/120V	PANEL	2103-PP-CAPP-1	CAPP1	YES	YES	YES	S.W. CORNER	2103-SW-CAPP1	COMPUTER AREA PANEL	SEE DIRECTORY ON PANEL
623	208/120V	SWITCH	2103-SW-CAPP1	CAPP1	YES	YES	NOT NEEDED		1193-LODC3 SW# 6 VIA 2103-TR-CAPP	2103-CAPP-1	2103-CAPP-1
624	208/120V	SWITCH	2103-SW-CAPP2	CAPP2	YES	YES	NOT NEEDED	S.W. CORNER	2103-TR-CAPP	2101-CAPP-2	2101-CAPP-2
625	480V	TRANSFORMER	2103-TR-CAPP	TRCAPP	YES	YES	NOT NEEDED	S.W. CORNER	1193-LODC3 SW# 6	COMPUTER AREA PANELS	CAPP-1,CAPP-2
626	208/120V	PANEL	2107A-LP-EMA	LPEMA	YES	YES	YES	IN CLOSET	1201-SW-TR5	EMERGENCY POWER	SEE DIRECTORY ON PANEL
627	208/120V	PANEL	2107A-LPLA	LPLA	YES	YES	YES NEEDS BKR TRACE	IN CLOSET	1193-LDP-B CKT# 5	LIGHTS	SEE DIRECTORY ON PANEL
628	208/120V	PANEL	2122-PP-1	PP1	YES	YES	YES	NORTH WALL RF PENTHOUSE	2122-PP-XA7 CKT# 8 VIA 2122-TR-1	2122-PP-1A AND LOCAL PWR	2122-PP-1A AND LOCAL PWR
629	208/120V	PANEL	2122-PP-1A	PP1A	YES	YES	YES	NORTH WALL RF PENTHOUSE	2122-PP-1 CKT# 1,3,5	MISC 120V POWER FOR XRF	SEE DIRECTORY ON PANEL
630	480V	SWITCH	2122-SW-SPARE	SPARE	YES	YES	NOT NEEDED	SOUTH WALL RF PENTHOUSE	2122-PP-XA7 BKR# 2	UNUSED	UNUSED
631	480V	SWITCH	2122-SW-XRF4 3KW PLATE SUPPLY	SR10	YES	YES	NOT NEEDED	SOUTH WALL RF PENTHOUSE	2122-PP-XA7 BKR# 3	XRF4 HVPS	XRF4 HVPS
632	208/120V	SWITCH	2122-SW-XRF3 125KW FILAMENT	SR6	YES	YES	NOT NEEDED	SIDE OF RACK SR6	2122-PP-1 CKT# 11,13,15	XRF3 FILAMENT BLOWER	XRF3 FILAMENT BLOWER
633	208/120V	SWITCH	2122-SW-XRF4 125KW FILAMENT	SR7	YES	YES	NOT NEEDED	SIDE OF RACK SR7	2122-PP-1A CKT# 12,14	XRF4 FILAMENT BLOWER	XRF4 FILAMENT BLOWER
634	480V	SWITCH	2122-SW-XRF4 125KW PLATE SUPPLY	SR9	YES	YES	NOT NEEDED	SOUTH WALL RF PENTHOUSE	2122-PP-XA7 BKR# 3	XRF4 HVPS	XRF4 HVPS
635	480V	PANEL	2122-PP-XA7	PPXA7	YES	YES	NOT NEEDED	NORTH WALL RF PENTHOUSE	SUBSTATION 1 BKR# A4		
636	480V	TRANSFORMER	2122-TR-1	TR1	YES	YES	NOT NEEDED	NORTH WALL RF PENTHOUSE	2122-PP-XA7 CKT# 8	2122-PP1 & PP1A VIA TR-1	2122-PP1 VIA TR-1
637	480V	SWITCH	2122-SW-2122-TR-2,A/C	NONE	YES	YES	NOT NEEDED	NORTH WALL RF PENTHOUSE	SUBSTATION 1 BKR# A4	2122-PP-2 VIA TR-2 & A/C UNITS	2122-PP-2 VIA TR-2 & A/C UNITS
638	480V	SWITCH	2122-SW-TR-2,A/C	NONE	YES	YES	NOT NEEDED	IN RF PENTHOUSE EXTENSION	2122-SW-2122-TR-2,A/C		
639	480V	SWITCH	2122-SW-TR-2	NONE	YES	YES	NOT NEEDED	IN RF PENTHOUSE EXTENSION	2122-SW-TR-2,A/C		
640	480V	SWITCH	2122-SW-A/C	NONE	YES	YES	NOT NEEDED	IN RF PENTHOUSE EXTENSION	2122-SW-TR-2,A/C		
641	480V	TRANSFORMER	2122-TR-2	NONE	YES	YES	NOT NEEDED	IN RF PENTHOUSE EXTENSION	2122-SW-TR-2	2122-PP-2	2122-PP-2
642	208/120V	PANEL	2122-PP-2	NONE	YES	YES	YES	IN RF PENTHOUSE EXTENSION	2122-SW-TR-2 VIA 2122-TR-2		
643	480V	SWITCH	2122-SW-AIR HANDLER 10A	NONE	YES	YES	NOT NEEDED	NORTH WALL RF PENTHOUSE	2122-PP-XA7 BKR# 2	AIR HANDLER 10A	
644	480V	SWITCH	2122-SW-AIR HANDLER 10B	NONE	YES	YES	NOT NEEDED	NORTH WALL RF PENTHOUSE	2122-PP-XA7 BKR# 2	AIR HANDLER 10B	
645	480V	SWITCH	2122-SW-XRF3 H2O HEATER	XRF3 H2O HEATER	YES	YES	NOT NEEDED	ON XRAY TUNNEL ROOF	2122-PP-XA7 BKR# 1	XRF3 H2O HEATER	XRF3 H2O HEATER
646	480V	SWITCH	2122-SW-XRF3 H2OPUMP	XRF3 H2O PUMP	YES	YES	NOT NEEDED	ON XRAY TUNNEL ROOF	2122-PP-XA7 BKR# 1	XRF3 WATER PUMP	XRF3 WATER PUMP
647	480V	SWITCH	2122-SW-XRF4 H2O HEATER	XRF4 H2O HEATER	YES	YES	NOT NEEDED	ON XRAY TUNNEL ROOF	2122-PP-XA7 BKR# 7	XRF4 H2O HEATER	XRF4 H2O HEATER
648	480V	SWITCH	2122-SW-XRF4 H2O PUMP	XRF4 H2O PUMP	YES	YES	NOT NEEDED	ON XRAY TUNNEL ROOF	2122-PP-XA7 BKR# 7	XRF4 WATER PUMP	XRF4 WATER PUMP
649	208/120V	PANEL	2124-RF-LRP2	RFLRP2	YES	YES	YES	AT ENTRY TO 2-124	1205-PP-RF-TEST CKT# 11	2124 A,B,C,D OUTLETS	2124,A,B,C,D OUTLETS
650	208/120V	PANEL	2127-RP-5	RP5	YES	YES	YES	OPPOSITE 2-127A	2175-PDP-3 BKR# 5	OFFICE RECEPTACLES	SEE DIRECTORY ON PANEL
651	208/120V	PANEL	2128-LP-4	LP4	YES	YES	YES	OPPOSITE 2-128	2175-PDP-2 BKR# 3	OFFICE RECEPTACLES	SEE DIRECTORY ON PANEL
652	208/120V	PANEL	2143-RP-4	RP4	YES	YES	YES NEEDS BKR TRACE	OPPOSITE 2-143	2175-PDP-3 BKR #4	OFFICE RECEPTACLES	SEE DIRECTORY ON PANEL
653	208/120V	PANEL	2161-RP-3	RP3	YES	YES	YES	OUTSIDE 2-161	2175-PDP-3 BKR# 3	OFFICE RECEPTACLES	SEE DIRECTORY ON PANEL
654	208/120V	PANEL	2163-LP-5	LP5	YES	YES	YES	OUTSIDE 2-163	2175-PDP-2 BKR# 4	OFFICE RECEPTACLES	SEE DIRECTORY ON PANEL
655	208/120V	PANEL	2175-ELP-2	ELP2	YES	YES	YES	SE WALL	1121-ELP-1 BKR# 26,28,30	EMER LITE PNL2	SEE DIRECTORY ON PANEL
656	208/120V	PANEL	2175-PP-123	PP123	YES	YES	YES	WEST WALL	2175-PDP-1 BKR# 2	MISC.	SEE DIRECTORY ON PANEL
657	208/120V	PANEL	2175-PP-HT-1	PPHT1	YES	YES	YES	SE WALL	2175-ELP-2 BKR# 8,10,12	HEAT TRACE PNL	HEAT TRACE PNL
658	480V	SWITCH	2175-SW-RF-6	RF6	YES	YES	NOT NEEDED	EAST WALL	1121-MCC1 SW# 2A	2175-RETURN FAN #6	2175-RETURN FAN #6
659	480V	SWITCH	2175-SW-RF-7	RF7	YES	YES	NOT NEEDED	SW WALL	1121-MCC1 SW# 3B	2175-RETURN FAN #7	2175-RETURN FAN #7
660	480V	TRANSFORMER	2175-TR-1	TR1	YES	YES	NOT NEEDED	SW WALL	1121-EXPDC1 CKT# 8	2175-PDP-1	POWER PANELS

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661	480V	TRANSFORMER	2175-TR-2	TR2	YES	YES	NOT NEEDED	SW WALL	1121-BPDC1 CKT# 6	2175-PDP-2	PANELS
662	480V	TRANSFORMER	2175-TR-3	TR3	YES	YES	NOT NEEDED	SW WALL	1121-BPDC1 CKT# 7	2175-PDP-3	RECEPTACLE PANELS
663	208/120V	PANEL	2175-PDP-1	PDP1	YES	YES	YES	NW WALL	1121-EXPDC1 CKT# 8 VIA 2175-TR-1		
664	208/120V	PANEL	2175-PDP-2	PDP2	YES	YES	YES	SE WALL	1121-BPDC1 CKT# 6 VIA 2175-TR-2		
665	208/120V	PANEL	2175-PDP-3	PDP3	YES	YES	YES NEEDS BKR TRACE	SE WALL	1121-BPDC1 CKT# 7 VIA 2175-TR-3		
666	208/120V	PANEL	2190-LP-3	LP3	YES	YES	YES	OPPOSITE 2-190	2175-PDP-2 BKR# 2	LIGHTS	LIGHTS
667	208/120V	PANEL	2190-RP-2	RP2	YES	YES	YES NEEDS BKR TRACE	OPPOSITE 2-190	2175-PDP-3 BKR# 2	OFFICE RECEPTACLES	OFFICE RECEPTACLES
668	208/120V	PANEL	2190A-DP-1	DP1	YES	YES	YES	WALL	1121-BPDC1 CKT# 5 VIA TR ABOVE 1123J	2190A-DP-1	POWER FOR 2190,A,B,C,D,E
669	208/120V	PANEL	2190C-PP-1	PP1	YES	YES	YES	WALL	2190A-DP-1 BKR# 8,10,12	SHOP/LAB EQUIPMENT	SEE DIRECTORY ON PANEL
670	208/120V	PANEL	2190D-PP-2	PP2	YES	YES	YES	WALL	2190A-DP-1 BKR# 7,9,11	SHOP/LAB EQUIPMENT	SEE DIRECTORY ON PANEL
671	208/120V	PANEL	2190E-PP-3	PP3	YES	YES	YES	WALL	2190A-DP-1 BKR# 13,15,17	SHOP/LAB EQUIPMENT	SEE DIRECTORY ON PANEL
672	208/120V	PANEL	2190B-PP-4	PP4	YES	YES	YES	WALL	2190A-DP-1 BKR# 14,16,18	SHOP/LAB EQUIPMENT	SEE DIRECTORY ON PANEL
673	208/120V	PANEL	2190A-PP-5	PP5	YES	YES	YES	WALL	2190A-DP-1 BKR# 2,4,6	SHOP/LAB EQUIPMENT	SEE DIRECTORY ON PANEL
674	208/120V	SWITCH	2190A-SW-LATHE	LATHE	YES	YES	NOT NEEDED	WALL	2190A-PP-5 BKR# 37,39,41	LATHE	LATHE
675	208/120V	SWITCH	2192-SW-FAN	FAN	YES	YES	NOT NEEDED	WEST WALL	2190A-DP-1 CKT# 1,3,5	EXHAUST FAN	ROOF EXHAUST FAN
676	208/120V	SWITCH	2209-SW-A/C-8	A/C8	YES	YES	NOT NEEDED	ON A/C UNIT	1121-MCC4 CKT# 12D	AIR HANDLER #8	AIR HANDLER #8
677	208/120V	PANEL	2211-PP-1	PP1	YES	YES	YES	OUTSIDE 2211	2175-PDP-2 CKT# 5	GAS STORAGE ++++	RM 2211 AND GAS STORAGE
678	208/120V	PANEL	2211-PP-2	PP2	YES	YES	YES	N.E.WALL OF OFFICE	2211-PP-1 BKR# 26,28,30	SEE DIRECTORY ON PANEL	SEE DIRECTORY ON PANEL
679	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT A1	SSTA#1 CKT A1	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	SUBSTATION #1 METERING	
680	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT B2	SSTA#1 CKT B2	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1200-SW-ANODE1	
681	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT B1	SSTA#1 CKT B1	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1200- XRAY DIST CTR #3	
682	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT B3	SSTA#1 CKT B3	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1200- XRAY PANEL A/B	
683	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT A2	SSTA#1 CKT A2	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	SUBSTATION #1 120V OUTLET	
684	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT B4	SSTA#1 CKT B4	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	EMPTY SLOT	
685	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT A4	SSTA#1 CKT A4	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	EMPTY SLOT	
686	480V	SUBSTA BKR	OUTDOORS-SSTA#1 CKT A3	SSTA#1 CKT A3	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1205-RF-TEST	
687	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT A1	SSTA#2 CKT A1	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	SUBSTATION #2 METERING	
688	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT A4	SSTA#2 CKT A4	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	2122-XA7??	
689	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT B3	SSTA#2 CKT B3	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1001-MAIN DISTR.BKR-ALT. FEED	
690	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT B2	SSTA#2 CKT B2	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1200-XRAY DIST CTR #1	
691	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT B1	SSTA#2 CKT B1	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1200-SW-XDIP P.S.	
692	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT A2	SSTA#2 CKT A2	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	SUBSTATION #2 120V OUTLET	
693	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT A3	SSTA#2 CKT A3	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1168-PP1	
694	480V	SUBSTA BKR	OUTDOORS-SSTA#2 CKT B4	SSTA#2 CKT B4	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	EMPTY SLOT	
695	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT A1	SSTA#3 CKT A1	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	SUBSTATION #3 METERING	
696	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT B4	SSTA#3 CKT B4	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1207-MCC-2	
697	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT B1	SSTA#3 CKT B1	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1115-MECH DISTR CTR #1	
698	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT B3	SSTA#3 CKT B3	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1193-INJ DISTR CTR	
699	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT B2	SSTA#3 CKT B2	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1193-LAB/OFFICE DIST CTR #3	
700	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT A2	SSTA#3 CKT A2	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	SUBSTATION #3 120V OUTLET	
701	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT A4	SSTA#3 CKT A4	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1193-SW-BDIP	
702	480V	SUBSTA BKR	OUTDOORS-SSTA#3 CKT A3	SSTA#3 CKT A3	YES	NOT NEEDED	NOT NEEDED	IN XRAY COURTYARD	NOT NEEDED	1-210-MCC-A	
703	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 401	SSTA#4 CKT 401	MAIN	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	SUBSTATION 4 METERING	
704	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 402	SSTA#4 CKT 402	YES	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	1121-BPDC-1	
705	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 403	SSTA#4 CKT 403	SPARE	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	SPARE	
706	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 404	SSTA#4 CKT 404	YES	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	1121-MCC-4	
707	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 405	SSTA#4 CKT 405	N/C	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	EMPTY SLOT	
708	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 406	SSTA#4 CKT 406	N/C	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	EMPTY SLOT	
709	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 407	SSTA#4 CKT 407	YES	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	1121-EXPDC-1	
710	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 408	SSTA#4 CKT 408	YES	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	OUTDOORS-SSD-TRAILER	
711	480V	SUBSTA BKR	OUTDOORS-SSTA#4 CKT 409	SSTA#4 CKT 409	N/C	NOT NEEDED	NOT NEEDED	OFF HALLWAY TO BLDG 535	NOT NEEDED	EMPTY SLOT	
712	208/120V	SWITCH	OUTDOORS-SW-VUV-U2 A/C UNIT	VUV U2A/C UNIT	YES	YES	NOT NEEDED	UNDER EAST OVERHANG	DISCONNECTED AT U2 HUTCH PULL BOX		
713	208/120V	SWITCH	OUTDOORS-SW-VUV-U6 A/C UNIT	VUV U6A/C UNIT	YES	YES	NOT NEEDED	UNDER EAST OVERHANG	U6-LPU6-1		
714	208/120V	SWITCH	OUTDOORS-SW-VUV-U6 A/C UNIT SPARE	VUV U6A/C UNIT	YES	YES	NOT NEEDED	UNDER EAST OVERHANG	U6-LPU6-1		
715	208/120V	SWITCH	OUTDOORS-SW-EAST DRIVEWAY PUMPS	EAST DRIVEWAY PUMPS	YES	YES	NOT NEEDED	EAST DRIVEWAY	1121-ELP-1 CKT 25,27,29		

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716	208/120V	SWITCH	OUTDOORS-SW-XLS TRAILER	TRAILER UTILITY POWER	YES	YES	NOT NEEDED	OUTSIDE OF XLS TRAILER	1200-XRAY DISTR CTR #3		
717	480V	TRANSFORMER	OUTDOORS-TR-XLS TRAILER	TRAILER UTILITY POWER	YES	YES	NOT NEEDED	OUTSIDE OF XLS TRAILER	OUTDOORS-SW-XLS TRAILER		
718	208/120V	PANEL	OUTDOORS-PP-XLS TRAILER	TRAILER UTILITY POWER	YES	YES	YES	IN XLS TRAILER	OUTDOORS-TR-XLS TRAILER		
719	480V	SWITCH	OUTDOORS-SW-RF TRAILER A/C	NONE	YES	YES	NOT NEEDED	OUTSIDE RF TRAILER EXTENSION	2122-SW-A/C	RF EXTENSION A/C UNIT	
720	208/120V	SWITCH	SMES-SW-WATER CHILLER	NONE	YES	YES	NOT NEEDED	IN SMES TRAILER	SMES-480V DISTR PANEL BKR# 12		
721	208/120V	SWITCH	SMES-SW-TEST SWITCH	NONE	YES	NO	NOT NEEDED	IN SMES TRAILER			
722	208/120V	SWITCH	SMES-SW-LIQUIFIER/COMPRESSOR	NONE	YES	YES	NOT NEEDED	IN SMES TRAILER	SMES-480V DISTR PANEL BKR# 16		
723	208/120V	SWITCH	SMES-SW-HARMONIC FILTERS	NONE	NO	NO	NOT NEEDED	IN SMES TRAILER			
724	208/120V	SWITCH	SMES-SW-OVERVOLTAGE PROTECTORS	NONE	NO	NO	NOT NEEDED	IN SMES TRAILER			
725	480V	TRANSFORMER	SMES-TR-UTILITY POWER	NONE	NO	NO	NOT NEEDED	IN SMES TRAILER			
726	480V	TRANSFORMER	SMES-OUTPUT XFMR#1	NONE	NO	NO	NOT NEEDED	IN SMES TRAILER			
727	480V	TRANSFORMER	SMES-OUTPUT XFMR#2	NONE	NO	NO	NOT NEEDED	IN SMES TRAILER			
728	480V	PANEL	SMES-480V DISTR PANEL	NONE	YES	YES	YES	IN SMES TRAILER	1121-EXPDC1		
729	208/120V	PANEL	SMES-120/208V DISTR PANEL	NONE	YES	YES	YES	IN SMES TRAILER	SMES-480V DISTR PANEL		
730		SWITCH	ROOF-SW-TRANE 1	TRANE1	NO	NO	NOT NEEDED				
731		SWITCH	ROOF-SW-TRANE 2	TRANE2	NO	NO	NOT NEEDED				
732		SWITCH	ROOF-SW-LIEBERT	LIEBERT	NO	NO	NOT NEEDED				
733		SWITCH	ROOF-SW-BAC-CTF-1	BACCTF1	YES	YES	NOT NEEDED		1115-MCC3-SW-CTF-1		
734		SWITCH	ROOF-SW-BAC-CTF-2	BACCTF2	YES	YES	NOT NEEDED		1115-MCC3-SW-CTF-2		
735		SWITCH	ROOF-SW-BAC-CTF-3	BACCTF3	YES	YES	NOT NEEDED		1115-MCC3-SW-CTF-3		
736	480V	SWITCH	ROOF-SW-BAC HEATERS	NONE	YES	YES	NOT NEEDED		1114A-SW-HEATERS SW#1		
737		SWITCH	ROOF-SW-TE-1	TE1	NO	NO	NOT NEEDED		2109-LR-P1 ???		
738		SWITCH	ROOF-SW-TE-2	TE2	NO	NO	NOT NEEDED	ATOP STOCK RM OVERHEAD DOOR	2163-RP-3 BKR# 21 ???		
739		SWITCH	ROOF-SW-TE-3	TE3	NO	NO	NOT NEEDED		1121-MCC4 SW# 3C		
740		SWITCH	ROOF-SW-E-2	E2	NO	NO	NOT NEEDED		1121-MCC4 SW# 7C		
741		SWITCH	ROOF-SW-E-3	E3	NO	NO	NOT NEEDED		1121-MCC4 SW# 8A		
742		SWITCH	ROOF-SW-E-4	E4	NO	NO	NOT NEEDED		1121-MCC4		
743		SWITCH	ROOF-SW-E-5	E5	NO	NO	NOT NEEDED		1121-MCC4		
744		SWITCH	ROOF-SW-E-6	E6	NO	NO	NOT NEEDED		1121-MCC4		
745		SWITCH	ROOF-SW-E-7	E7	NO	NO	NOT NEEDED		1121-MCC4 SW# 10C		
746		SWITCH	ROOF-SW-E1A	E1A	NO	NO	NOT NEEDED	ON ROOF	1121-MCC4 SW# 06B		
747		SWITCH	ROOF-SW-E1B	E1B	NO	NO	NOT NEEDED	ON ROOF			
748		SWITCH	ROOF-SW-E1C	E1C	NO	NO	NOT NEEDED	ON ROOF			
749		SWITCH	ROOF-SW-LE-15	LE15	NO	NO	NOT NEEDED	ON ROOF	1121-MCC4 SW# 13A		
750		SWITCH	ROOF-SW-CT-2	CT2	NO	NO	NOT NEEDED	MARLEY TOWER	2161-RP-3		
751		SWITCH	ROOF-SW-CT-3	CT3	NO	NO	NOT NEEDED	MARLEY TOWER	2161-RP-3		
752		SWITCH	ROOF-SW-LE-5	LE5	NO	NO	NOT NEEDED	NORTH ROOF	1121-MCC4 SW# 06C		
753		SWITCH	ROOF-SW-LE-6	LE6	NO	NO	NOT NEEDED	NORTH ROOF	1121-MCC4 SW#07A		
754		SWITCH	ROOF-SW-LE-7	LE7	NO	NO	NOT NEEDED	NORTHWEST EDGE	1121-MCC4 SW#07B		
755		SWITCH	ROOF-SW-BF-1	BF1	NO	NO	NOT NEEDED	ON ROOF	1121-MCC4 SW#04B		
756		SWITCH	ROOF-SW-40 TON A/C	40 TON A/C	NO	NO	NOT NEEDED	ON ROOF			
757		SWITCH	ROOF-SW-SF-1	SF1	NO	NO	NOT NEEDED				
758		SWITCH	ROOF-SW-EXHAUST FAN 12	EXHAUST FAN12	NO	NO	NOT NEEDED	ON ROOF			
759		SWITCH	ROOF-SW-EXHAUST FAN 13	EXHAUST FAN13	NO	NO	NOT NEEDED	ON ROOF			
760		SWITCH	ROOF-SW-EXHAUST FAN 14	EXHAUST FAN14	NO	NO	NOT NEEDED	ON ROOF			
761		SWITCH	ROOF-SW-EXHAUST FAN 15	EXHAUST FAN15	NO	NO	NOT NEEDED	ON ROOF			
762		SWITCH	ROOF-SW-EXHAUST FAN 16	EXHAUST FAN16	NO	NO	NOT NEEDED	ON ROOF			
763		SWITCH	ROOF-SW-EXHAUST FAN 17	EXHAUST FAN17	NO	NO	NOT NEEDED	ON ROOF			
764		SWITCH	ROOF-SW-EXHAUST FAN 18	EXHAUST FAN18	NO	NO	NOT NEEDED	ON ROOF			
765		SWITCH	ROOF-SW-EXHAUST FAN 19	EXHAUST FAN19	NO	NO	NOT NEEDED	ON ROOF			
766		SWITCH	ROOF-SW-EXHAUST FAN 20	EXHAUST FAN20	NO	NO	NOT NEEDED	ON ROOF			
767		SWITCH	ROOF-SW-EXHAUST FAN 21	EXHAUST FAN21	NO	NO	NOT NEEDED	ON ROOF			
768		SWITCH	ROOF-SW-EXHAUST FAN 22	EXHAUST FAN22	NO	NO	NOT NEEDED	ON ROOF			
769		SWITCH	ROOF-SW-EXHAUST FAN 23	EXHAUST FAN23	NO	NO	NOT NEEDED	ON ROOF			
770		SWITCH	ROOF-SW-EXHAUST FAN 24	EXHAUST FAN24	NO	NO	NOT NEEDED	ON ROOF			

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771		SWITCH	ROOF-SW-AC/11	AC/11	NO	NO	NOT NEEDED	ON A/C UNIT	1205-PP-RFTEST BKR# 2		
772		SWITCH	ROOF-SW-AC/12	AC/12	NO	NO	NOT NEEDED	ON A/C UNIT	1205-PP-RFTEST BKR# 1		