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PANEL VEAC-01			LOCATION LVEA RM 105					VOLTS 480Y/277V									
FED FROM	CKT #		MOUNTING RECESSED			MAIN			FEEDER BUS 225			CKT					
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	3	3		40	27000	9000 1233			3700	15			3	2	MAIN ROUGHING PUMP	2
3		3	3				9000 1233							4			
5		5	3				9000 1233							6			
7	MAIN TURBO PUMP	7	1		15	400	400 9000			27000	40			3	8	C-CC-PD-VEAC-07	8
9	SPARE	9	1		15									10			
11	SPARE	11	1		20		9000							12			
13	SPARE	13	3		20		9000			27000	40			3	14	C-CC-PD-VEAC-14	14
15		15	3				9000							16			
17		17	3				9000							18			
19	SPACE	19					10000			30000	45			3	20	L-C-CC-T-VEAC-01	20
21	SPACE	21					10000							22			
23	SPACE	23					10000							24			
25	SPACE	25												26		SPACE	26
27	SPACE	27												28		SPACE	28
29	SPACE	29												30		SPACE	30
TOTAL						38633	38233	38233									
TOTAL CONNECTED LOAD (VA)						114699											
(AMPS)																	

PANEL VEAC-04			LOCATION LVEA RM 102					VOLTS 480Y/277V									
FED FROM	CKT #		MOUNTING RECESSED			MAIN			FEEDER BUS 225			CKT					
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	3	3		40	27000	9000 1233			3700	15			3	2	MAIN ROUGHING PUMP	2
3		3	3				9000 1233							4			
5		5	3				9000 1233							6			
7	MAIN TURBO PUMP	7	1		15	400	400 9000			27000	40			3	8	C-CC-PD-VEAC-12	8
9	SPARE	9	1		15									10			
11	SPARE	11	1		20		9000							12			
13	SPARE	13	3		20		9000			27000	40			3	14	C-CC-PD-VEAC-13	14
15		15	3				9000							16			
17		17	3				9000							18			
19	SPACE	19					15000			45000	70			3	20	L-C-CC-T-VEAC-04	20
21	SPACE	21					15000							22			
23	SPACE	23					15000							24			
25	SPACE	25												26		SPACE	26
27	SPACE	27												28		SPACE	28
29	SPACE	29												30		SPACE	30
TOTAL						66100	65700	65700									
TOTAL CONNECTED LOAD (VA)						197500											
(AMPS)																	
* 75% DEMAND FACTOR TOTAL VA = 148125																	

PANEL VEAC-02			LOCATION LVEA RM 104					VOLTS 480Y/277V									
FED FROM	CKT #		MOUNTING RECESSED			MAIN			FEEDER BUS 225			CKT					
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	3	3		40	27000	9000 1233			3700	15			3	2	MAIN ROUGHING PUMP	2
3		3	3				9000 1233							4			
5		5	3				9000 1233							6			
7	MAIN TURBO PUMP	7	1		15	400	400 9000			27000	40			3	8	C-CC-PD-VEAC-07	8
9	SPARE	9	1		15									10			
11	SPARE	11	1		20		9000							12			
13	SPARE	13	3		20		9000			27000	40			3	14	C-CC-PD-VEAC-14	14
15		15	3				9000							16			
17		17	3				9000							18			
19	SPACE	19					10000			30000	45			3	20	L-C-CC-T-VEAC-02	20
21	SPACE	21					10000							22			
23	SPACE	23					10000							24			
25	SPACE	25												26		SPACE	26
27	SPACE	27												28		SPACE	28
29	SPACE	29												30		SPACE	30
TOTAL						38233	38233	38233									
TOTAL CONNECTED LOAD (VA)						114699											
(AMPS)																	

PANEL VEAC-05			LOCATION LVEA RM 103					VOLTS 480Y/277V									
FED FROM	CKT #		MOUNTING RECESSED			MAIN			FEEDER BUS 100			CKT					
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	3	3		15	20000	9000 6667			27000	40			3	2	CRYOPUMP REGENERATOR	2
3		3	3				9000 6667							4			
5		5	3				9000 6667							6			
7	MAIN TURBO PUMP	7	1		15	400	400				40			3	8	SPACE	8
9	SPARE	9	1		15									10			
11	SPARE	11	1		20									12			
TOTAL						16067	15667	15667									
TOTAL CONNECTED LOAD (VA)						47401											
(AMPS)																	

PANEL VEAC-03			LOCATION LVEA RM 103					VOLTS 480Y/277V									
FED FROM	CKT #		MOUNTING RECESSED			MAIN			FEEDER BUS 225			CKT					
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	3	3		40	27000	9000 1233			3700	15			3	2	MAIN ROUGHING PUMP	2
3		3	3				9000 1233							4			
5		5	3				9000 1233							6			
7	MAIN TURBO PUMP	7	1		15	400	400 9000			27000	40			3	8	C-CC-PD-VEAC-12	8
9	SPARE	9	1		15									10			
11	SPARE	11	1		20		9000							12			
13	SUBFEED TO C-CC-PD-VEAC-05	13	3		20	67402	22467 9000			27000	40			3	14	C-CC-PD-VEAC-13	14
15		15	3				22467 9000							16			
17		17	3				22467 9000							18			
19	SPACE	19					15000			45000	70			3	20	L-C-CC-T-VEAC-03	20
21	SPACE	21					15000							22			
23	SPACE	23					15000							24			
25	SPACE	25												26		SPACE	26
27	SPACE	27												28		SPACE	28
29	SPACE	29												30		SPACE	30
TOTAL						66100	65700	65700									
TOTAL CONNECTED LOAD (VA)						197500											
(AMPS)																	
* 75% DEMAND FACTOR TOTAL VA = 148125																	

PANEL VEAC-06			LOCATION LVEA RM 102					VOLTS 480Y/277V									
FED FROM	CKT #		MOUNTING RECESSED			MAIN			FEEDER BUS 100			CKT					
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	HEATER BLANKET CART	3	3		15	20000	9000 6667			27000	40			3	2	CRYOPUMP REGENERATOR	2
3		3	3				9000 6667							4			
5		5	3				9000 6667							6			
7	MAIN TURBO PUMP	7	1		15	400	400				40			3	8	SPACE	8
9	SPARE	9	1		15									10			
11	SPARE</																