



Figure 8.2-1 Layout drawing showing MT, UAT, RAT, MV Buses

Table 8.3.1-9 Electrical Equipment Location List (Sheet 1 of 6)

Name	Location		
	Bldg/F	Elevation	Room
A-Class 1E 6.9kV Switchgear	R/B 1F	EL 3'-7"	A-Class 1E Electrical Room
A-Class 1E 480V Load Center	R/B 1F	EL 3'-7"	A-Class 1E Electrical Room
A1-Class 1E 480V Load Center	R/B 1F	EL 3'-7"	A-Class 1E Electrical Room
A-Class 1E Motor Control Center	R/B 1F	EL 3'-7"	A-Class 1E Electrical Room
A1-Class 1E Motor Control Center	R/B 1F	EL 3'-7"	A-Class 1E Electrical Room
A-Class 1E MOV Motor Control Center 1	PS R/B B1F	EL -26'-4" 3'-7"	A-Class 1E MOV Inverter Electrical Room
A-Class 1E MOV Motor Control Center 2	PS R/B B1F	EL -26'-4" 3'-7"	A-Class 1E MOV Inverter Electrical Room
A-Pressurizer Heater Distribution Panel	R/B 1F	EL 3'-7"	A-Class 1E Electrical Room
B-Class 1E 6.9kV Switchgear	R/B 1F	EL 3'-7"	B-Class 1E Electrical Room
B-Class 1E 480V Load Center	R/B 1F	EL 3'-7"	B-Class 1E Electrical Room
B-Class 1E Motor Control Center	R/B 1F	EL 3'-7"	B-Class 1E Electrical Room
B-Class 1E MOV Motor Control Center	PS R/B B1F	EL -26'-4" 3'-7"	B-Class 1E MOV Inverter Electrical Room
B-Pressurizer Heater Distribution Panel	R/B 1F	EL 3'-7"	B-Class 1E Electrical Room
A-RCP Trip Switchgear	R/B 1F	EL 3'-7"	B-Class 1E Electrical Room
B-RCP Trip Switchgear	R/B 1F	EL 3'-7"	B-Class 1E Electrical Room
C-Class 1E 6.9kV Switchgear	R/B 1F	EL 3'-7"	C-Class 1E Electrical Room
C-Class 1E 480V Load Center	R/B 1F	EL 3'-7"	C-Class 1E Electrical Room
C-Class 1E Motor Control Center	R/B 1F	EL 3'-7"	C-Class 1E Electrical Room
C-Class 1E MOV Motor Control Center	PS R/B B1F	EL -26'-4" 3'-7"	C-Class 1E MOV Inverter Electrical Room
C-Pressurizer Heater Distribution Panel	R/B 1F	EL 3'-7"	C-Class 1E Electrical Room
C-RCP Trip Switchgear	R/B 1F	EL 3'-7"	C-Class 1E Electrical Room
D-RCP Trip Switchgear	R/B 1F	EL 3'-7"	C-Class 1E Electrical Room
D-Class 1E 6.9kV Switchgear	R/B 1F	EL 3'-7"	D-Class 1E Electrical Room
D-Class 1E 480V Load Center	R/B 1F	EL 3'-7"	D-Class 1E Electrical Room

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Table 8.3.1-9 Electrical Equipment Location List (Sheet 2 of 6)

Name	Location		
	Bldg/F	Elevation	Room
D1-Class 1E 480V Load Center	R/B 1F	EL 3'-7"	D-Class 1E Electrical Room
D-Class 1E Motor Control Center	R/B 1F	EL 3'-7"	D-Class 1E Electrical Room
D1-Class 1E Motor Control Center	R/B 1F	EL 3'-7"	D-Class 1E Electrical Room
D-Class 1E MOV Motor Control Center 1	PS R/B B1F	EL -26'-4" 3'-7"	D-Class 1E MOV Inverter Electrical Room
D-Class 1E MOV Motor Control Center 2	PS R/B B1F	EL -26'-4" 3'-7"	D-Class 1E MOV Inverter Electrical Room
D-Presserizer Heater Distribution Panel	R/B 1F	EL 3'-7"	D-Class 1E Electrical Room
A-Class 1E UPS Unit	R/B 2F	EL 25'-3"	A-Class 1E UPS Room
A-Class 1E I&C Power Transformer	R/B 2F	EL 25'-3"	A-Class 1E UPS Room
A-Class 1E MOV Inverter 1	PS R/B B12F	EL -26'-4" 25'-3"	A-Class 1E MOV Inverter UPS Room
A-Class 1E MOV Inverter 2	PS R/B B12F	EL -26'-4" 25'-3"	A-Class 1E MOV Inverter UPS Room
A-Solenoid Distribution Panel	R/B 12F	EL 3'-7"25'-3"	A-Class 1E Electrical UPS Room
A-Switching Circuit Panel	R/B 2F	EL 25'-3"	A-Class 1E UPS Room
A-Class 1E AC 120V Panelboard	R/B 12F	EL 3'-7"25'-3"	A-Class 1E Electrical UPS Room
B-Class 1E UPS Unit	R/B 2F	EL 25'-3"	B-Class 1E UPS Room
B-Class 1E I&C Power Transformer	R/B 2F	EL 25'-3"	B-Class 1E UPS Room
B-Class 1E MOV Inverter	PS R/B B12F	EL -26'-4" 25'-3"	B-Class 1E MOV Inverter UPS Room
B-Solenoid Distribution Panel	R/B 12F	EL 3'-7"25'-3"	B-Class 1E Electrical UPS Room
B-Switching Circuit Panel	R/B 2F	EL 25'-3"	B-Class 1E UPS Room
B-Class 1E AC 120V Panelboard	R/B 12F	EL 3'-7"25'-3"	B-Class 1E Electrical UPS Room
C-Class 1E UPS Unit	R/B 2F	EL 25'-3"	C-Class 1E UPS Room
C-Class 1E I&C Power Transformer	R/B 2F	EL 25'-3"	C-Class 1E UPS Room
C-Class 1E MOV Inverter	PS R/B B12F	EL -26'-4" 25'-3"	C-Class 1E MOV Inverter UPS Room
C-Solenoid Distribution Panel	R/B 12F	EL 3'-7"25'-3"	C-Class 1E Electrical UPS Room

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Table 8.3.1-9 Electrical Equipment Location List (Sheet 3 of 6)

Name	Location		
	Bldg/F	Elevation	Room
C-Switching Circuit Panel	R/B 2F	EL 25'-3"	C-Class 1E UPS Room
C-Class 1E AC120V Panelboard	R/B 1 2F	EL 3'-7" 25'-3"	C-Class 1E Electrical UPS Room
D-Class 1E UPS Unit	R/B 2F	EL 25'-3"	D-Class 1E UPS Room
D-Class 1E I&C Power Transformer	R/B 2F	EL 25'-3"	D-Class 1E UPS Room
D-Class 1E MOV Inverter 1	PS R/B B 12F	EL -26'-4" 25'-3"	D-Class 1E MOV Inverter UPS Room
D-Class 1E MOV Inverter 2	PS R/B B 12F	EL -26'-4" 25'-3"	D-Class 1E MOV Inverter UPS Room
D-Solenoid Distribution Panel	R/B 1 2F	EL 3'-7" 25'-3"	D-Class 1E Electrical UPS Room
D-Switching Circuit Panel	R/B 2F	EL 25'-3"	D-Class 1E UPS Room
D-Class 1E AC120V Panelboard	R/B 1 2F	EL 3'-7" 25'-3"	D-Class 1E Electrical UPS Room
A-Class 1E Battery Charger	PS/B B1MF	EL -14'-2"	A-Class 1E Battery Charger Room
A-Class 1E DC Switchboard	PS/B B1MF	EL -14'-2"	A-Class 1E Battery Charger Room
B-Class 1E Battery Charger	PS/B B1MF	EL -14'-2"	B-Class 1E Battery Charger Room
B-Class 1E DC Switchboard	PS/B B1MF	EL -14'-2"	B-Class 1E Battery Charger Room
C-Class 1E Battery Charger	PS/B B1MF	EL -14'-2"	C-Class 1E Battery Charger Room
C-Class 1E DC Switchboard	PS/B B1MF	EL -14'-2"	C-Class 1E Battery Charger Room
D-Class 1E Battery Charger	PS/B B1MF	EL -14'-2"	D-Class 1E Battery Charger Room
D-Class 1E DC Switchboard	PS/B B1MF	EL -14'-2"	D-Class 1E Battery Charger Room
AB Spare Battery Charger	PS/B B1MF	EL -14'-2"	Spare Battery Charger Room-1
CD Spare Battery Charger	PS/B B1MF	EL -14'-2"	Spare Battery Charger Room-2
A-Class 1E Battery	PS/B B1F	EL -26'-4"	A-Class 1E Battery Room
B-Class 1E Battery	PS/B B1F	EL -26'-4"	B-Class 1E Battery Room
C-Class 1E Battery	PS/B B1F	EL -26'-4"	C-Class 1E Battery Room

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Security-Related Information – Withheld Under 10 CFR 2.390

Figure 8.3.1-4 Class 1E electrical equipment layout (Sheet 1 of 5)
EL. -26' -4"

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Figure 8.3.1-4 Class 1E electrical equipment layout (Sheet 2 of 5)
EL. -8' -7"

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Figure 8.3.1-4 Class 1E electrical equipment layout (Sheet 3 of 5)
EL. 3' -7"

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Figure 8.3.1-4 Class 1E electrical equipment layout (Sheet 4 of 5)
EL. 25' -3"

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Figure 8.3.1-4 Class 1E electrical equipment layout (Sheet 5 of 5)
EL. 76' -5"