



LOCATION SYMBOLS: (LOWER LEFT OF DEVICE)  
 CO-22 - M. CWT. 90 - SIGSTA & TRP SERV. ASSY. (FRESH)  
 CO-23 - M. CWT. 90 - ENG. SAFEGUARDS ACT. ASSY.

EQUIPMENT W/ NO LOCATION SYMBOLS LOCATED AT SWITCHGEAR

DEVICE NOMENCLATURE

- ELECTRICALLY OPERATED A.C.B. WITH BREAKER FRAME SIZE
- INST. LONG TIME O.C. DEVICE WITH BREAKER COIL RATING
- SHORT TIME LONG TIME O.C. DEVICE WITH BREAKER COIL RATING
- 4M AMPHETER
- 4V VOLTMETER
- 4S VOLTMETER SWITCH
- 27 BUS UNDERVOLTAGE RELAY (11A)
- 27E BUS UNDERVOLTAGE ANR. RELAY (11A)
- 27Y BUS UNDERVOLTAGE TRIPPING RELAY (11A)
- 27Z BUS UNDERVOLTAGE ANR. RELAY SOURCE MONITOR (11A)
- 40 THERMAL OVERLOAD RELAY
- 40A THERMAL OVERLOAD ANR. RELAY (11A)
- 51 TIME OVERCURRENT RELAY (11A)
- 52 AIR CIRCUIT BREAKER
- 850 HARD-RESET LOCKOUT RELAY (11A)

REFERENCE DRAWINGS:  
 (C) EC-206-012 MAIN ONE LINE DIAGRAM THRU 017  
 (C) EC-206-024 ONE LINE DIAGRAM-480 V. E.S. BUS 3A  
 (C) EC-206-025 ONE LINE DIAGRAM-480 V. E.S. BUS 3B

NO.	REVISION	BY	DATE	APP.
1	REVISED PER ECR # 65-020	JLS	12/10/69	JLS
2	AS BUILT PER MIA CO-3-10-3, 02-10-19-9	JLS	02/10/69	JLS
3	REV AS IND. IN 1 PLACE	JLS	07/10/69	JLS
4	REVISED AS INDICATED IN PLACES	JLS	07/10/69	JLS
5	REVISED AS INDICATED IN PLACES	JLS	07/10/69	JLS
6	REVISED AS INDICATED IN PLACES	JLS	07/10/69	JLS
7	CON. REVISED PER MIA CO-3-10-3, 02-10-19-9	JLS	02/10/69	JLS
8	ADDED LIGHTING INDICATOR AS BUILT	JLS	07/10/69	JLS

**FLORIDA POWER CORPORATION**  
 ST. PETERSBURG, FLORIDA  
**CRYSTAL RIVER PLANT**  
 UNIT NO. 3 335,000 KW  
 ELECTRICAL  
 ONE LINE DIAGRAM  
 480V MHT SUBSTATIONS  
 ENGINEERED SAFEGUARDS BUSES 3A & 3B

DATE	REVISION FOR	BY	APP.	DATE	REVISION FOR	BY	APP.

4203	C-206-033	EC-206-033
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PDR RIDS

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