

SHEET NO	REV NO	TITLE	SHEET NO	REV NO	TITLE	SHEET NO	REV NO	TITLE
882		PRIMARY/UNDERFREQUENCY GENERATOR LOCKOUT RELAYS	930		4160V SWGR 1B2 AC-DC DISTR & HEATERS			
883		PRIMARY GENERATOR LOCKOUT RELAY - 1	931		4160V SWGR 1A3 AC-DC DISTR & HEATERS	974		480V SWGR SPACE COMPARTMENTS
884		PRIMARY BACK-UP GENERATOR LOCKOUT RELAYS	932		4160V SWGR 1B3 AC-DC DISTR & HEATERS	975		480V SWGR 1A1, 1B1 TIE
885		BACK-UP GENERATOR LOCKOUT RELAY	933		4160V SWGR 1AB AC-DC DISTR & HEATERS	976		480V SWGR 1B1 FDR
886		GENERATOR BREAKERS 1E & 1M	934		4160V SWGR 1A2 FDR TO BUS 1A3	977		480V SWGR 1A2 FDR
887		LOAD FREQ CONTROL RACK INTERCONNECTIONS	935		4160V SWGR 1B2 FDR TO BUS 1B3	978		480V SWGR 1A2, 1AB TIE
888		GENERATOR AUTO & MAN SYNCHRONIZING	936		4160V SWGR 1A3 INCOMING FEEDER FROM BUS 1A2	979		480V SWGR 1AB, 1A2 TIE
889		AUXILIARY SYNCHRONIZING	937		4160V SWGR 1B3 INCOMING FEEDER FROM BUS 1B2	980		480V SWGR 1B2 FDR
890		GENERATOR & TRANSFORMERS TEMP - RECORDER TR-22-30 (GENERATOR CONTINUED ON 1790)	938		4160V SWGR 1A3 FDR TO BUS 1AB	981		480V SWGR 1B2, 1AB TIE
		SWITCHYARD - PART 1	939		4160V SWGR 1B2 FDR TO BUS 1AB	982		480V SWGR 1AB, 1B2 TIE
891		LINE REPEAT PANEL ANNUNCIATOR	940		4160V SWGR 1AB INCOMING FDR FROM BUS 1A3	983		480V SWGR SPARE COMPARTMENTS
892		240 KV BREAKERS 1W, 2M, & 2W	941		4160V SWGR 1AB INCOMING FDR FROM BUS 1B3	984		480V SWGR 1A2 FDR TO FUEL HANDLING MCC 1A8
893		MOTOR OPERATED DISCONNECT SWITCHES #1, #2, #5 & #7	942		4160V SWGR 1AB RELAYING & METERING	985		480V SWGR 1B2 FDR TO FUEL HANDLING MCC 1B8
894		MIDWAY #1 METERING	943		PRESS HTR TRANSF 1A3 4160V FDR BKR	986		480V SWGR 1A1 MET, REL & HTR'S
895		MIDWAY #2 METERING & MISC. ALARMS	944		PRESS HTR TRANSF 1B3 4160V FDR BKR	987		480V SWGR 1A1 MCC FEEDERS
896		SWYD SYN LINE REPEAT PNL	945		480V SWGR 1A1 4160V FDR BKR	988		480V SWGR 1B1 MET, REL & HTR'S
897		SWYD MOTOR OPER DISC GROUNDING SWITCHES - VOID	946		480V SWGR 1A2 4160V FDR BKR	989		480V SWGR 1B1 MCC FEEDERS
898		SWITCHYARD PANELS MISC INTERCONNECTIONS - VOID	947		480V SWGR 1B1 4160V FDR BKR	990		480V SWGR 1A2 MET, REL & HTR'S
899		PRIMARY GEN LOCKOUT RELAY-3	948		480V STA SERV XFMR 1B2 4160V FDR BKR	991		480V SWGR 1A2 MCC FEEDERS
		STATION AUXILIARY POWER	949		4160V SWGR 1A3 LOAD SHEDDING RELAYS	992		480V SWGR 1B2 MET, REL & HTR'S SH 1
900		START-UP STANDBY TRANSFORMER 1A DIFF RELAY	950		4160V SWGR 1B3 LOAD SHEDDING RELAYS	993		480V SWGR 1B2 MCC FEEDERS
901		START-UP STANDBY TRANSFORMER 1A LOCKOUT RELAY	951		4160V SWGR 1AB LOAD SHEDDING RELAYS	994		480V SWGR 1AB MET, REL & HTR'S
902		START-UP STANDBY TRANSFORMER 1B DIFF RELAY	952		6900V SWGR 1A1 & 1B1 & 4160V SWGR 1A2 & 1B2 UNDERVOLTAGE RELAYING	995		480V SWGR 1AB FEEDER TO REACTOR AREA MCC 1AB
903		START-UP STANDBY TRANSFORMER 1B LOCKOUT RELAY			EMERGENCY DIESEL GENERATOR 1A	996		EMERGENCY DIESEL GEN NO 1A LOADING LIGHTS
904		START-UP TRANSFORMER 1A1 BREAKER	953		DIESEL GENERATOR 1A BREAKER	997		EMERGENCY DIESEL GEN NO 1B LOADING LIGHTS
905		START-UP TRANSFORMER 1B1 BREAKER	954		DIESEL GENERATOR 1A RELAYING & METERING	998		EMERGENCY DIESEL GEN'S NO 1A & NO 1B LOADING LIGHTS
906		START-UP TRANSFORMER 1A2 BREAKER	955		DIESEL GENERATOR 1A GRD & DIFF RELAYING			MISCELLANEOUS 1
907		START-UP TRANSFORMER 1B2 BREAKER	956		DIESEL GENERATOR 1A LOCKOUT RELAY	999		BATTERY 1C & BATTERY CHARGER 1C
908		START-UP STANDBY TRANSFORMERS 1A & 1B	957		DIESEL GENERATOR 1A START CKT'S	1000		125V DC BUS TRANSFER CONTROL
909		UNIT AUXILIARY TRANSFORMER 1A & 1B	958		DIESEL GENERATOR 1A REMOTE CONTROL	1001		BATTERY 1A & BATTERY CHARGER 1A
910		UNIT AUX TRANSF 1A DIFF RELAYING & GRD RELAYING	959		DIESEL GENERATOR 1A-START SOLENOIDS	1002		BATTERY 1B & BATTERY CHARGER 1B
911		UNIT AUX TRANSF-1B DIFF RELAYING & GRD RELAYING	960		DIESEL GENERATOR 1A-ANN EXT WIRING	1003		BATTERY CHARGER 1AB
912		UNIT AUX TRANSF 1A1 BREAKER	961		DIESEL GENERATOR 1A-ANN FRONT VIEW	1004		SWITCHYARD BATTERIES A & B & BATTERY CHARGERS A, B, & AB
913		UNIT AUX TRANSF 1B1 BREAKER	962		DIESEL GENERATOR 1A EXHAUST DIFFERENTIAL TEMPERATURE ALARM	1005		MOTOR SPACE HEATER FEEDERS
914		UNIT AUX TRANSF 1A2 BREAKER			EMERGENCY DIESEL GENERATOR 1B	1006		CCWP, ICWP THIRD PUMP INTERLOCKS
915		UNIT AUX TRANSF 1B2 BREAKER	963		DIESEL GENERATOR 1B BREAKER	1007		MISC ANNUNCIATIONS - RTGB-102
916		4160V SWGR 1A2 METERING	964		DIESEL GENERATOR 1B RELAYING & METERING	1008		VITAL AC BUS POWER SUPPLY
917		4160V SWGR 1B2 METERING	965		DIESEL GENERATOR 1B GRD & DIFF RELAYING	1009		INSTRUMENT BUSES & INVERTERS 1MA & 1MC
918		6900V SWGR 1A1 METERING	966		DIESEL GENERATOR 1B LOCKOUT RELAY	1010		INSTRUMENT BUSES & INVERTERS 1MB & 1MD
919		6900V SWGR 1B1 METERING	967		DIESEL GENERATOR 1B START CKT'S	1011		480V MCC 1A5 NON-ESSENTIAL LOADS BREAKER
920		6900V SWGR 1A1 DIFF RELAY	968		DIESEL GENERATOR 1B REMOTE CONTROL - VOLTAGE	1012		480V MCC 1A6 NON-ESSENTIAL LOADS BREAKER
921		6900V SWGR 1B1 DIFF RELAY	969		DIESEL GENERATOR 1B START SOLENOIDS	1013		480V MCC 1B5 NON-ESSENTIAL LOADS BREAKER
922		4160V SWGR 1A2 DIFF RELAY	970		DIESEL GENERATOR 1B ANN EXT WIRING	1014		480V MCC 1B6 NON-ESSENTIAL LOADS BREAKER
923		4160V SWGR 1B2 DIFF RELAY	971		DIESEL GENERATOR 1B ANN FRONT VIEW	1015		480V MCC 1A8 NON-ESSENTIAL LOADS BREAKER
924		4160V SWGR 1A3 DIFF RELAY	972		DIESEL GENERATOR 1B EXHAUST DIFFERENTIAL TEMPERATURE ALARM	1016		480V MCC 1B8 NON-ESSENTIAL LOADS BREAKER
925		4160V SWGR 1B3 DIFF RELAY			480V AUXILIARY POWER	1017		SWITCHYARD 480V AC SUPPLY
926		4160V SWGR 1AB DIFF RELAY	973		480V SWGR 1A1 FDR			
927		6900V SWGR 1A1 AC-DC DISTR & HEATERS						
928		6900V SWGR 1B1 AC-DC DISTR & HEATERS						
929		4160V SWGR 1A2 AC-DC DISTR & HEATERS						

52

4/15/96

EM

MJS

RJF

51

8/21/96

TW

MZ

RJF

50

7/26/93

ADB

DPT

RFR

RSC

49

9/21/92

CSO

BC

JPP

CAA

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REV

DATE

BY

APPROVED

REV

DATE

BY

APPROVED

EBASCO SERVICES INCORPORATED

NEW YORK

DIV: I&C DR: BT

CH: RM

DATE: 05/26/72

APPROVED

R C HAEKLER

R.L.

V.O. M.M.

FLORIDA POWER & LIGHT COMPANY

ST LUCIE PLANT-EXTENSION-UNIT 1

CONTROL WIRING DIAGRAM

INDEX

8770-B-327

SHEET 7

R52- PCM 00077