SHEET NO	REV NO	TITLE
		INSTRUMENT & STATION AIR
591		STATION AIR COMPRESSOR
592		INSTRUMENT & STATION AIR INSTRUMENTATION
593		INSTRUMENT AIR COMPRESSOR 1A & DRYER 1A
594		INSTRUMENT AIR COMPRESSOR 1B & DRYER 1B
595		CONTAINMENT INSTRUMENT AIR COMPRESSOR 1A
596		CONTAINMENT INSTRUMENT AIR COMPRESSOR 1B
597		HYDROGEN RECOMBINER 1A
598		HYDROGEN RECOMBINER 1B
599		CONTAINMENT INSTRUMENT AIR DRYER 1A & 1B
600		INSTRUMENT AIR COMPRESSOR EMERG COOLING SYS
		FEEDWATER & HEATER DRAINS
601		AUX FW HDR A & B FLOW & PRESSURE
602		AUX FW HDR C FLOW & PRESSURE & FWP 1A & 1B FLOW
603		SG 1A & 1B ATM STM DUMP & FWP DISCH HDR PRESS
604		CONDENSATE PUMP 1C
605		CONDENSATE PUMP 1A
606		CONDENSATE PUMP 1B
607		FW & COND PH CONDUCTIVITY & FW DISSOLVED O_2 RECORDERS
608		AUX FWP 1A DISCHARGE TO ST GEN 1A MV-09-9
609		AUX FWP 1B DISCHARGE TO ST GEN 1B MV-09-10
610		AUX FWP 1A DISCHARGE TO ST GEN 1B MV-09-13
611		AUX FWP 1B DISCHARGE TO ST GEN 1A MV-09-14
612		AUX FWP 1C DISCHARGE TO ST GEN 1A MV-09-11
613		AUX FWP 1C DISCHARGE TO ST GEN 1B MV-09-12
614		FWP 1A/1B DISCHARGE TO STEAM GEN 1A (HCV-09-7)
615		FEEDWATER PUMP 1A
616		FEEDWATER PUMP 1A DISCHARGE VALVE MV-09-1
617		FEEDWATER PUMP 1A RECIRC VALVES
618		FEEDWATER PUMP 1A AUX OIL PUMP
619		FEEDWATER REGULATING SYSTEM 1A
620		FEEDWATER PUMP 1B
621		FEEDWATER PUMP 1B DISCHARGE VALVE MV-09-2
622		FEEDWATER PUMP 1B RECIRC VALVES
623		FEEDWATER PUMP 1B AUX OIL PUMP
624		FEEDWATER REGULATING SYSTEM 1B
625		HEATER DRAIN PUMP 1A
626		HEATER DRAIN PUMP 1B
627		FW REGULATING SYSTEM 1A & 1B FLOW & INDICATION
628		FWP 1A & 1B BEARING TEMP & SGFW SEAL LEAK OFF TK LVL
629		AUX FEEDWATER PUMP 1A
630		AUX FEEDWATER PUMP 1B
631		AUX FEEDWATER PUMP 1C - TURBINE
632		AUX FEEDWATER PUMP 1C - STEAM VALVE MV-08-3
633		FW PUMP 1A/1B DISCHARGE TO STEAM GEN 1B (HCV-09-8)
634		FEEDWATER REG BLOCK VALVE MV-09-5
635		FW REG 100% BYPASS VALVE MV-09-3
636		FEEDWATER REG BLOCK VALVE MV-09-6
637		FW REG 100% BYPASS VALVE MV-09-4
638		AUX FWP 1C TURB GOV & CONTROL PANEL
639		SGB RATE CONTROL & CONDENSATE CONDUCTIVITY
640		TEMP STRAINERS DIFF PRESS ALARMS
641		HTR DRAIN & STA MISC ANNUNCIATOR "F" SH 1 RTGB-102
642		HTR DRAIN & STA MISC ANNUNCIATOR "F" SH 2 RTGB-102
643		RTGB-102 120V VITAL AC & 45V DC DISTRIBUTION
644		RTGB 125V DC & 120V AC DISTRIBUTION
645		RTGB-105 120V AC & 125V DC DISTRIBUTION
646		RTGB-106 45V DC & 120V AC MEAS CHANNELS - DISTRIBUTION
647		RTGB-106 120V AC & 125V DC DISTRIBUTION - SH 1
648		RTGB-106 120V AC & 125V DC DISTRIBUTION - SH 2
649		HSCP 1A, 1B, 1AB 120V AC DISTRIBUTION
650		CONDENSATE - FW ANNUNCIATOR "G" SH 1 RTGB-102
651		CONDENSATE - FW ANNUNCIATOR "G" SH 2 RTGB-102
652		SG 1A TO AFWP-1C TURBINE MV-08-13
653		SG 1B TO AFWP-1C TURBINE MV-08-14
654		LOW POWER FW AUTO CONTR SYSTEM 1A & 1B
659		LP HEATERS 3A & 3B DRAIN CONTROL
660		HEATERS 4A, 4B, 5A, & 5B DRAIN CONTROL
661		THERMOCOUPLE INPUTS TO INDICATOR TI-09-5 SH 1
662		THERMOCOUPLE INPUTS TO INDICATOR TI-09-5 SH 2
663		THERMOCOUPLE INPUTS TO INDICATOR TI-09-5 SH 3
665		LP HEATERS 1A & 1B DRAIN CONTROL
666		LP HEATERS 2A & 2B DRAIN CONTROL
667		HEATER LEVEL ALARMS
668		MOISTURE SEPARATOR & DRAIN COLLECTOR, DRAIN TO HOTWELL VA'S
669		HEATER DRAINS & AUX STM SYSTEM MISC INST & CONTROL
670		DRAIN COLL & MOISTURE SEPARATOR REHTR LEVEL ALARMS
		CHEMICAL FEED
671		~~CHLORINATION SYSTEM -1~~ VOID
672		CHLORINATION SYSTEM -1
673		CHLORINATION SYSTEM -2
674		CHEMICAL FEED PUMPS-1
675		CHEMICAL FEED PUMPS-2
676		ELEC & CLRNTN ROOMS EXH FANS HVE 26 & 27
686		~~COLD CHEM LAB COMPUTERS~~ VOID
687		RESERVED
693		CHLORINATION SYSTEM-3
694		CHLORINATION SYSTEM-4
		MAIN STEAM
695		AUX FWP 1C & TURB INLET PRESS & STM GEN FLOW & PRESSURE
699		REHEATER CONTROL
700		RHTR 1A MAIN STEAM BLOCK VALVE MV-08-4
701		RHTR 1A MAIN STEAM WARM-UP VALVE MV-08-5
702		RHTR 1D MAIN STEAM BLOCK VALVE MV-08-6
703		RHTR 1D MAIN STEAM WARM-UP VALVE MV-08-7
704		RHTR 1B MAIN STEAM BLOCK VALVE MV-08-8
705		RHTR 1B MAIN STEAM WARM-UP VALVE MV-08-9
706		RHTR 1C MAIN STEAM BLOCK VALVE MV-08-10
707		RHTR 1C MAIN STEAM WARM-UP VALVE MV-08-11
		TURBINE
709		TURBINE TRIP STM GEN HI-HI LEVEL
710		TURBINE AUTO-STOP-TRIP & TURBINE ALARMS
711		EMERGENCY TURBINE TRIP & TURBINE ALARMS
712		TURBINE RUNBACK
713		THROTTLE & GOVERNOR VALVE INDICATING LIGHTS
714		THROTTLE & GOVERNOR VALVES - LEFT
715		THROTTLE & GOVERNOR VALVES - RIGHT
716		INTERCEPT & REHEAT STOP VALVE TEST
717		GOVERNOR CONTROL CABINET
718		INTERCEPT & REHEAT STOP VALVE INDICATING LIGHTS
719		DEH CONTROL CABINET INTERCONNECTING CABLES
720		DEH GOVERNOR FLUID PUMP 1A-MP1
721		DEH GOVERNOR FLUID PUMP 1B-MP2
724		H_2 DETECTION INSIDE EXCITER HOUSING
726		BEARING OIL PUMP - BOP
727		SEAL OIL BACK-UP PUMP - SOB
728		EMERGENCY OIL PUMP - EOP
730		TURNING GEAR-TG
731		TURNING GEAR AUTOMATIC CONTROL
732		TG BEARING OIL LIFT PUMP - BL
733		TURBINE LUBE OIL TRANSFER PUMP
734		TURB LUBE OIL COND, TURB LUBE OIL FILTER PUMP & LUBE OIL FILTER BLOWER
735		OIL VAPOR EXTRACTOR (OIL RESERVOIR) - OER

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REV	DATE	BY	APPROVED
59	5/11/01	GM	DG / RJF
58	8/16/93	ADB / DPT	RSC / RFR
57	6/16/93	KA / NA	DG / RJF
56	9/21/92	CSO / BC	JPP / CAA / VJC

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 5

FILE: USC00018