

SHEET NO	REV NO	TITLE	SHEET NO	REV NO	TITLE	SHEET NO	REV NO	TITLE
1140		TRAIN-A SCAVENGER; ACID-VALVE ENCLOSURE	1193		AVIATION LIGHTING SH 1 OF 2	1240		NEUTRALIZATION SYSTEM ACID PUMPS
1141		TRAIN-A CATION - VALVE ENCLOSURE	1194		AVIATION LIGHTING SH 2 OF 2	1241		NEUTRALIZATION SYSTEM MISC INPUTS
1142		TRAIN-A WEAK BASE - VALVE ENCLOSURE	1195		E H RESERVOIR IMMERSION HEATER	1242		NEUTRALIZATION SYSTEM RECIRCULATION PUMPS
1143		TRAIN-A STRONG BASE ANION - VALVE ENCLOSURE	1196		<del>CONTAINMENT ATMOSPHERE H2 ANALYZER-1</del> VOID	1244		SWITCH DEVELOPMENTS
1144		TRAIN-C STRONG BASE ANION - VALVE ENCLOSURE	1197		CONTAINMENT ATMOSPHERE H2 ANALYZER-2	1245		SEQUENCE OF EVENTS ESFAS 'A' TEST POINTS
1145		TRAIN-A MIXED BED - VALVE ENCLOSURE	1198		SECURITY LIGHTING LP-2A, 2B, 2C, 2D REM SWITCHING	1246		SEQUENCE OF EVENTS ESFAS 'B' TEST POINTS
1146		TRAIN-B SCAVENGER; CAUSTIC - VALVE ENCLOSURE	1199		OUTDOOR LIGHTING LP-1A, 111, 122 REM SWITCHING			
1147		TRAIN-B CATION - VALVE ENCLOSURE	1200		OUTDOOR LIGHTING LP-101, 110 REM SWITCHING	1248		<del>CONDENSER CLEANING BOOSTER PUMP (PORTABLE)</del> VOID
1148		TRAIN-B WEAK BASE ANION - VALVE ENCLOSURE	1201		PAGE AND PARTY LINE COMM SYSTEM	1249		<del>GATE OPERATOR SYSTEM GATES 1, 1A, 3A, &amp; 34A</del> VOID
1149		TRAIN-B STRONG BASE ANION - VALVE ENCLOSURE	1202		INSTRUMENT GROUND SYSTEM	1250		GEN RTD TEMPERATURE MONITORING SYSTEM
1150		TRAIN-B MIXED BED - VALVE ENCLOSURE	1203		LOOSE PARTS MONITORING SYSTEM SH 1	1251		DIESEL GEN 1A EXHAUST GAS TEMP
1151		<del>BLOWER "B"</del> VOID	1204		DEMINERALIZED WATER PUMP 1A	1252		DIESEL GEN 1B EXHAUST GAS TEMP
1152		TRAIN-A RECYCLE PUMP "RP-1A"	1205		DEMINERALIZED WATER PUMP 1B	1253		<del>AUX FEED WATER PUMP 1A, 1B, 1C AUTO START</del> VOID
1153		<del>TRAIN-B RECYCLE PUMP "RP-1B"</del> VOID	1206		LAB FUME HOOD VENT SYSTEM	1254		<del>STEAM GEN 1B LEVEL AUX FWP BYPASS/TEST</del> VOID
1154		DEGASIFIER WTR TRANSFER PUMP-1A "DWTP-1A"	1207		SECURITY & RECORDS BUILDING HVAC	1255		REACTOR COOLANT SYSTEM VENTING 1A
1155		DEGASIFIER WTR TRANSFER PUMP-1B "DWTP-1B"	1208		SEISMIC MONITORING	1256		REACTOR COOLANT SYSTEM VENTING 1B
1156		DEGASIFIER VACUUM PUMP-1A "DVP-1A" (PLANT WATER TANK)	1209		METEOROLOGICAL MONITORING SYSTEM	1257		CONTAINMENT ATMOSPHERE HYDROGEN ANALYZER "A"
1157		DEGASIFIER VACUUM PUMP-1B "DVP-1B" (PLANT WATER TANK)	1210		DRUM ROLLER 1A/DRUMMING STATION VOLUME TANK LEVEL	1258		4.16 KV SWGR 1A3 UNDERVOLTAGE RELAYING/TEST
1158		WATER TANK HEATERS 1A	1211		DRUM ROLLER 1B & HYDRAULIC BALER	1259		4.16 KV SWGR 1B3 UNDERVOLTAGE RELAYING/TEST
1159		ACID PUMP-1A "AP-1A"	1212		LOOSE PARTS MONITORING SYSTEM SH 2	1260		CONTAINMENT ATMOSPHERE HYDROGEN ANALYZER "B"
1160		ACID PUMP-1B "AP-1B"	1213		ANNUNCIATOR REFLASH MODULES & EVENT RECORDER GROUND TEST	1261		GENERATOR CORE MONITOR
1161		CAUSTIC PUMP-1A "CP-1A"	1214		VACUUM BREAKER VALVES - 3A1, 3B1, 4A1, 4B1	1262		WASTE MONITOR TANK PUMP 1B
1162		CAUSTIC PUMP-1B "CP-1B" & CAUSTIC STORAGE TK HTR	1215		VACUUM BREAKER VALVES - 3A2, 3B2, 4A2, 4B2	1263		WASTE MONITOR TANK PUMP 1A
1163		BRINE TANK HEATER "BTH"	1216		DECONTAMINATION ROOM EQUIPMENT	1264		MONITOR TANK 1A & 1B INLET VALVE HCV-06-6
1164		BRINE PUMP "BP"	1217		TURBINE GENERATOR EXHAUST FANS	1265		LAUNDRY TANK 1A & 1B INLET VALVES HCV-06-3 & HCV-06-4
1165		CITY WATER TRANSFER PUMP-1A "CWTP-1A"	1218		SHIELD BLDG TRAIN A HEATER CONTROL SYSTEM	1266		TREATED WATER TRANSFER PUMPS 1A & 1B
1166		CITY WATER TRANSFER PUMP-1B "CWTP-1B"	1219		METEOROLOGICAL MONITORING SYSTEM	1267		TREATED WATER TRANSFER PUMP 1C
1167		WATER TREATMENT CONTROL PNL	1220		<del>BORIC ACID CONCENTRATOR 1A SH 3</del> VOID	1268		TREATED WATER STORAGE LEVEL CONTROLS
1168		WATER TREATMENT ANNUNCIATOR	1221		<del>BORIC ACID CONCENTRATOR 1B SH 3</del> VOID	1269		AFAS CONTROL CAB MA SH 1
1169		WATER TANK HEATERS 1B	1222		SHIELD BLDG TRAIN B HEATER CONTROL SYSTEM	1270		AFAS CONTROL CAB MB SH 2
		MISCELLANEOUS II	1223		INTEGRATED LEAK RATE TEST INSTRUMENTATION	1271		AFAS CONTROL CAB MC SH 3
1170		CONTROL ROOM NORTH OAI ISOL VA FCV-25-14	1224		INTEGRATED LEAK RATE TEST INSTRUMENTATION	1272		AFAS CONTROL CAB MD SH 4
1171		CONTROL ROOM SOUTH OAI ISOL VA FCV-25-15	1225		INTEGRATED LEAK RATE TEST INSTRUMENTATION	1273		AFAS - FW HEADER PRESS & TRANSMITTERS MC & MD
1172		CONTROL ROOM NORTH OAI ISOL VA FCV-25-16	1226		INTEGRATED LEAK RATE TEST INSTRUMENTATION	1274		AFAS - FW HEADER PRESS & TRANSMITTERS MA & MB
1173		CONTROL ROOM SOUTH OAI ISOL VA FCV-25-17	1227		INTEGRATED LEAK RATE TEST INSTRUMENTATION	1275		VOLTAGE REG POWER SYSTEM STABILIZER
1174		TOILET EXH FAN ISOL VA FCV-25-18	1228		INTEGRATED LEAK RATE TEST INSTRUMENTATION	1276		480V SWGR 1B2 MET, REL, HTRS SH 2
1175		TOILET EXH FAN ISOL VA FCV-25-19	1229		MW TRANSDUCER OUTPUT-GEN AUX TRANSF & START-UP BUSES	1279		POST ACCIDENT SAMPLING SYS SH 1
1176		SHIELD BLDG VENT CH A VA FCV-25-11	1230		MAINT HATCH SHIELD DOOR	1280		POST ACCIDENT SAMPLING SYS SH 2
1177		SHIELD BLDG VENT CH B VA FCV-25-12	1231		BORIC ACID HOLD TANK SHIELD DOOR	1281		MET STATION DATA ACQUISITION SYS MET TOWER SENSOR CARRIAGES
1178		SHIELD BLDG VENT SYSTEM TIE VA FCV-25-13	1232		<del>GEN AUX E START-UP BUSES KWH METER OUTPUT</del> VOID	1282		MET STATION DATA ACQUISITION SYS TOWER RECORDING BLDG
1179		CONDENSATE RECOVERY PUMP 1A	1233		<del>GATE #1 OPERATOR SYSTEM</del> VOID	1283		RESERVED
1180		CONDENSATE RECOVERY PUMP 1B	1234		<del>GATE #111A OPERATOR SYSTEM</del> VOID	1284		TEMP COMP OF PRESS LEVEL CH LT-1103
1181		CONDENSATE RECOVERY SYSTEM	1235		<del>GATE #110 OPERATOR SYSTEM</del> VOID	1285		GENERATOR KWH METER OUTPUT
1182		KITCHEN EXH FAN ISOL VALVE FCV-25-24	1236		<del>GATE #111 OPERATOR SYSTEM</del> VOID	1286		6.9 KV AUX BUS 1A1 KWH METER OUTPUT
1183		KITCHEN EXH FAN ISOL VALVE FCV-25-25	1237		<del>CONDENSER COOLING AT EQUIPMENT SH 1</del> VOID	1287		6.9 KV AUX BUS 1B1 KWH METER OUTPUT
1184		LIGHTING & RECEPTACLES FOR RTGB'S	1238		<del>CONDENSER COOLING AT EQUIPMENT SH 2</del> VOID	1288		4.16 KV AUX BUS 1A2 KWH METER OUTPUT
1185		CALORIMETRICS & AUX CAB 120V VITAL AC & 45V DC DISTRIBUTION	1239		NEUTRALIZATION SYSTEM CAUSTIC PUMPS	1289		4.16 KV AUX BUS 1B2 KWH METER OUTPUT
1186		CALORIMETRIC SYSTEM - 1						
1187		CALORIMETRIC SYSTEM - 2						
1188		CALORIMETRIC SYSTEM - 3						
1189		POST ACCIDENT SAMPLING SH 3						
1190		RTG BOARDS 101 AND 102 ANNUNCIATOR INTER-WIRING						
1191		RTG BOARDS 103 AND 104 ANNUNCIATOR INTER-WIRING						
1192		RTG BOARDS 105 AND 106 ANNUNCIATOR INTER-WIRING						

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INDEX

SHEET 8A

EBASCO SERVICES INCORPORATED  
NEW YORK

DIV: I&C DR: TS

APPROVED

FLORIDA POWER & LIGHT COMPANY  
ST LUCIE PLANT-EXTENSION-UNIT 1  
CONTROL WIRING DIAGRAM

8770-B-327

FILE: USC00022