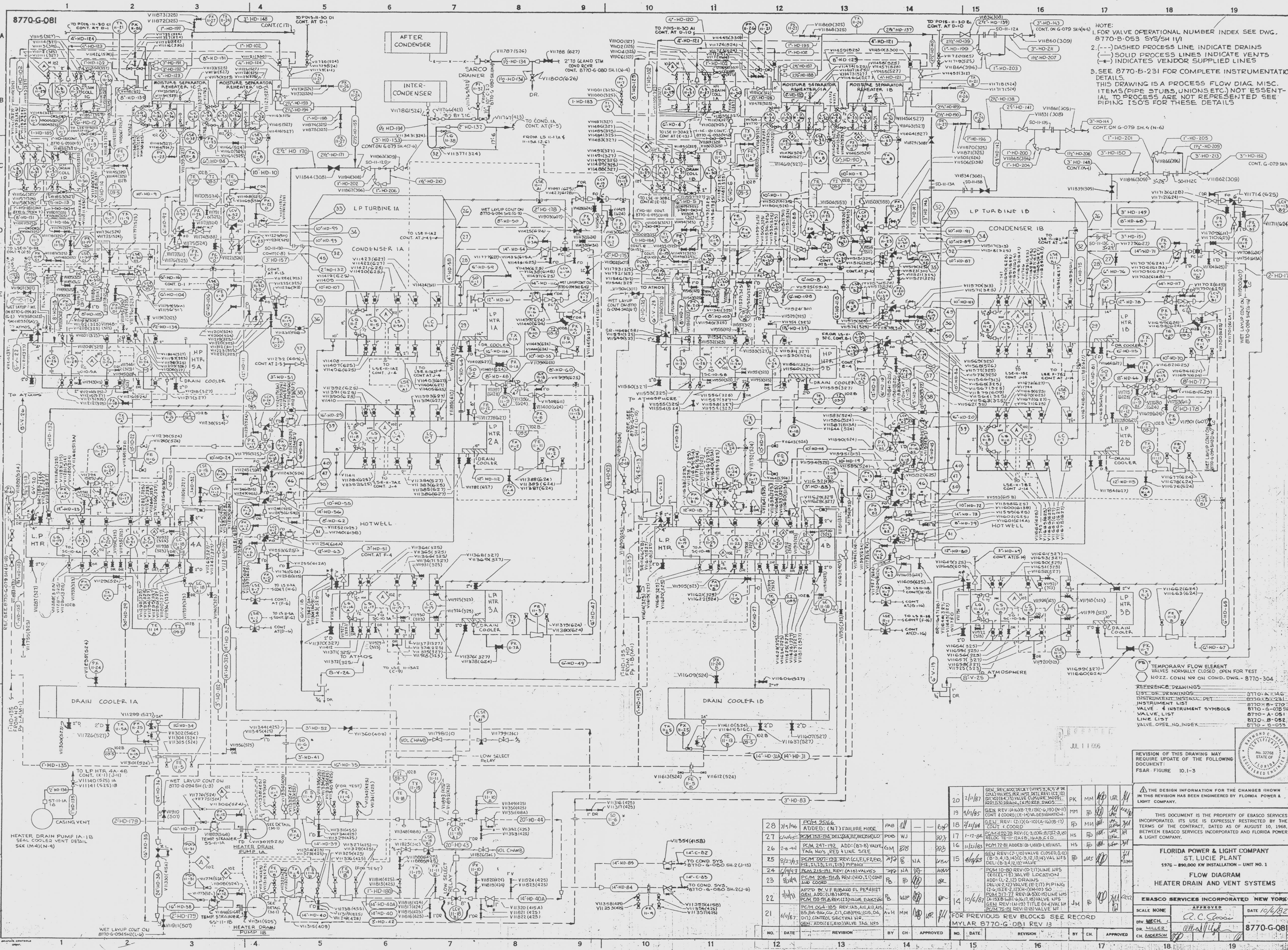

NOTE:

1. FOR VALVE OPERATIONAL NUMBER INDEX SEE DWG. 8770-B-053 SYS/SH 11/1
2. (- - -) DASHED PROCESS LINE INDICATE DRAINS
   (——) SOLID PROCESS LINES INDICATE VENTS
   (—*—) INDICATES VENDOR SUPPLIED LINES
3. SEE 8770-B-231 FOR COMPLETE INSTRUMENTATION DETAILS.
   THIS DRAWING IS A PROCESS FLOW DIAG. MISC. ITEMS (PIPE STUBS, UNIONS ETC.) NOT ESSENTIAL TO PROCESS ARE NOT REPRESENTED SEE PIPING ISO'S FOR THESE DETAILS

(FE) TEMPORARY FLOW ELEMENT VALVES NORMALLY CLOSED. OPEN FOR TEST

(hexagon) NOZZ. CONN No ON COND. DWG. - 8770-304

REFERENCE DRAWINGS

LIST OF DRAWINGS	8770-A-146
INSTRUMENT INSTALL DET	8770-B-231
INSTRUMENT LIST	8770-B-270
VALVE & INSTRUMENT SYMBOLS	8770-G-078 SH100
VALVE LIST	8770-A-051
LINE LIST	8770-B-052
VALVE OPER NO INDEX	8770-B-053

JUL 11 1996

REVISION OF THIS DRAWING MAY REQUIRE UPDATE OF THE FOLLOWING DOCUMENT:
FSAR FIGURE 10.1-3

RAYMOND C. ROSSI CERTIFICATE No. 32768 STATE OF FLORIDA REGISTERED ENGINEER

NO.	DATE	REVISION	BY	CH.	APPROVED		
28	7/5/96	PC/M 95166 ADDED: (N7) FAILURE MODE	PAB		—	—	
27	6/14/95	PC/M 153-194 DEL (A4,B2,B12,B14) LO	PDB	WJ			
26	2-8-94	PC/M 247-192 ADD: (B7-8) VALVE TAG No's, RED & LINE SIZE	GM				
25	8/27/93	PC/M 007-193 REV: (C1,E1,F2,E10,F12,I1,I3,I11,I13) PIPING		PB	NA		
24	6/14/93	PC/M 215-191 REV: (A15) VALVES		NA			
23	8/28/91	PC/M 208-191 REV: (H10,I1) CONT AND COORD	PB	FP			
22	7/31/91	APP'D BY V.F RUBANO FL PE#43127 GEN ADD: (L18) NOTE PC/M 193-191 REV: (I3) VALVE FUNCTION	PB	WJP			
21	6/11/87	PC/M 064-185 REV: (A3,A12,A13,A15,B5,B14-B16,C6,C17,C18) PPG; (C15,D4,D17) CONTROL SECTION NO. GEN. ADD: (E1,E10) VALVE TAG NOS	AvH	MM			

NO.	DATE	REVISION	BY	CH.	APPROVED		
20	2/11/87	GEN REV ADD, DELE: (HTRS 3,4,5 & DR COLL) VALVES PER INST DET; REV: (C2,12)(D1,10)(E4,13) VALVE CLOSURE MODE; ADD: (L13) DRAIN, (K19) REF DWGS	PK	MM			
19	9/13/85	GEN REV: (A-16)(B-7,9,17)(C-6,19)(N-11) CONT & COORD; (E-14) VA. DESIGNATION	MM	FP			
18	2/21/84	GEN REV: (I-1)(G-10)(A-16)(B-17) CONT & COORD	FP	MM			
17	1-12-84	PC/M 492-78 REV: (C-3,13)(G-8,17)(J-8,18) RELOC TE-11-12A & B, 16AB, C & D	HS	FP			
16	11/21/83	PC/M 72-81 ADDED: (B-1,10)(D-1,10) INST.	HS	FP			
15	4/18/83	GEN REV: (J-1,10) VALVE CLOSED, (L-12)(B-3,4,13,14)(C-3,12,13,14) VAL NOS DEL: (B-3,4,12,13) VALVE	FP	JAS			
14	10/6/82	PC/M 10-80 REV: (D-7,17) LINE NOS (K-11)(L-12) VALVE LOCATION ADD: (L-2,12) DRAINS DEL: (K-2,12) VALVE (E-7,17) PIPING (I-6,15)(E-2,12)(H-1)(H-10) SO PC/M 317-77 REV: (A-5)(C-15) LINE NOS (A-15)(B-16)(C-6,16,17,18) VALVE NOS GEN REV: (N-19) TITLE (H-4) VAL NO PC/M 75-81 REV: (C13) VALVE NO	JM	FP			

FOR PREVIOUS REV BLOCKS SEE RECORD MYLAR 8770-G-081 REV 13

⚠ THE DESIGN INFORMATION FOR THE CHANGES SHOWN IN THIS REVISION HAS BEEN ENGINEERED BY FLORIDA POWER & LIGHT COMPANY.

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1976 – 890,000 KW INSTALLATION – UNIT NO. 1

FLOW DIAGRAM HEATER DRAIN AND VENT SYSTEMS

EBASCO SERVICES INCORPORATED NEW YORK

SCALE NONE | APPROVED R. C. Rossi | DATE 10/6/82
DIV. MECH.
DR. MILLER
CH. ANDERSON

8770-G-081 | 28

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