DRAWING NUMBER 627-D-8159

PLANT HOLD CORPORATION • IRVINE, CALIFORNIA
REVISED BY HUMMINGBIRD
PRINTED ON 3 MIL MYLAR

ITEM	REQ.	BULK NO.	PART NO.	DESCRIPTION	REF DWG. NO. / CUT TO SIZE	INV. CONTROL SIZE DATA	MATERIAL	MATERIAL SPEC.	WT./U.

HUTCHINSON ISLAND PLANT UNIT Nº1
1973-890 MW INSTALLATION

VALVE & INSTRUMENT LIST

AN	6	–	951
CE	6	–	964
CIA	6	–	964
DR	6	–	959
DT	6	–	959
EP	6	–	969
ES	6	–	969
FE	6	–	971
FIC	6	–	955
FR	6	–	966
FS	6	–	968
FT	6	–	966
HS	6	–	964
LIC	6	–	963
LT	6	–	963
M	6	–	970
PI	6	–	956
PIC	6	–	962
PS	6	–	965
PT	6	–	962
PR	6	–	969
RT	6	–	953
LE	6	–	969
TI	6	–	957
TRC	6	–	960
TR	6	–	965
TT	6	–	965
TE	6	–	965

LAST Nº USED

IDENTIFICATION Nº
SYSTEMS Nº
INSTRUMENT Nº

V	6	–	973
FCV	6	–	960
LCV	6	–	963
PCV	6	–	962

LAST Nº USED

VALVE Nº
SYSTEM Nº
TYPE OF VALVE

VAPOR SEPARATOR
CONCENTRATOR
VAPOR CONDENSER
SUB COOLER
WALL
SHIP LOOSE
3/4 VENT, PLUGGED FOR HYDRO ONLY
3/4 VENT PLUGGED FOR HYDRO ONLY
VENT
VENT OUT
VENT TO GAS SURGE COLLECTION HEADER
T.P. "X"
T.P. "Y"
T.P. "AA"
T.P. "O"
T.P. "A"
T.P. "B" FEED IN
T.P. "C"
T.P. "D"
T.P. "E"
T.P. "F"
T.P. "G"
T.P. "H"
T.P. "K" FLUSH
T.P. "L"
T.P. "M" CLEAN
T.P. "N" FLUSH
T.P. "P" SAMPLE
T.P. "R"
T.P. "S"
T.P. "T"
T.P. "U"
T.P. "V" SAMPLE
T.P. "W" SAMPLE
T.P. "Z"
T.P. "BB"
T.P. "CC"
T.P. "DD"
T.P. "EE"
DRAIN
DIST COOLER
DIST. OUT TO WASTE CONDENSATE TANKS
CONCENTRATE COOLER
CONCENTRATE PUMPS
COND OUT
CLEAN
STEAM IN
CONC. OUT TO DRUMMING STATION
COOLING WATER IN
COOLING WATER OUT
P 6953
P6951
P6952
P6954 DIST. PUMPS
S 6953
S 6952

100-G-3/4 RW I
101-G-1/2-RW-I
111-G-1/2-CONC-I
106-G-1-CONC-I
107-G-1/2-CONC-I
108-G-1-CONC-I
109-G-1-CONC-I
104-G-1-CONC-I
105-G-1/2-CONC-I
102-G-2-CONC-I
112-G-3/4-CONC-I
103-G-1/2-CONC-I
110-G-1/2-CONC-I
212-B-2 1/2-CW
213-B-2 1/2-CW
210-B-3-CW
211-B-3-CW
200-G-4-D-I
400-G-3/4-V-I
208-G-1/2-D-I
401-B-3/4-V-I
209-G-1/2-D-I
206-G-3/4-D-I
205-G-3/4-D-I
207-G-1/2-D-I
202-G-1-D-I
203-G-1-D-I
204-G-1-D-I
201-G-1-D-I
214-B-1-CW
215-B-1-CW

NOTES:
1- T.P. TERMINAL POINT (CUSTOMER CONN.).
2- H.T. DUPLICATE HEAT TRACING TO 160°F WITH ALARMS.
3- FOR BATCH OPERATION ONLY.
4- FOR SYMBOLS SEE DWG. 389-B-7792 ADDITIONAL SYMBOLS FO FAIL OPEN FC FAIL CLOSE
FO OPEN OPERATING CONDITIONS FC COLSED OPERATING CONDITIONS
5- FOR CUSTOMER CONN. AND DESCRIPTION SEE DWG. 641-E-7851.

REVISIONS	
10	REPLACES REV 9 DATED 11-10-72 REDRAWN WITH CHANGE REV PER EBASCO MOD

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SCALE	NONE
DATE	3-1-77
DRAWN	E SMITH
CHECKED	RJE
APPROVED	
CODE IDENT. NO.	09647
DWG. NO.	627-D-8159

PIPING & INSTRUMENT DIAGRAM MODEL RW-120-SP

FC/M 236-TM Δ ADD 50-8138 TO VALVE TAG & 6915 & 6 INSTRUMENTATION

BY	APP	REVISION DESCRIPTION
FS	RB	
11/15/91		
EBASCO REVISED PER DATE		

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			CONC-HYD			
			ARCH			
			STRUCT			
			INSTR'N			
			CONTROLS			
			PLUMBING			
			HVAC			
			ELECTRICAL			
			WTR TREAT			
			RAD WASTE			
			STRESS			
			SHIELDING			
			MATERIALS			
			CONST			
			LICENSING			
			489 STANDARD DISTRIBUTION			

EBASCO REV E 1

8770 - 351 R11 11-15-91

FLORIDA POWER & LIGHT COMPANY
HUTCHINSON ISLAND PLANT UNIT #1
1973 - 890 MW INSTALLATION

P.O. CE-600 ITEM

A	REVIEWED WITHOUT COMMENTS	*	1
	REVIEWED WITH COMMENTS AS NOTED	*	2
	NOT APPLICABLE	*	3
	NO COMMENTS, NO PRINT RETURNED		4
	FOR INFORMATION ONLY		5
B	NO FURTHER REPRODUCIBLE REQUIRED		6
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	RESUBMIT CLOTH OR MYLAR REPRODUCIBLE AS STRIPPED		9
	DO NOT PROCEED WITH FABRICATION RESUBMIT REVISED REPRODUCIBLE		7

* PRINT INCLUDED NOTE:

WASTE CONCENTRATOR PIPING AND INSTRUMENTATION DIAGRAM

REVIEWED BY TOLAN | DATE 5/18/92 | ORIG. DIV. M | DATE TO CONSTR. 10-9-92

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