2998-G-063

DRAWING

DRAWING NUMBER 2998-G-063

PLANT HOLD CORPORATION • IRVINE, CALIFORNIA

REVISED BY HARRIS STAIR

FEEDWATER FILTER
PLATF. EL 70.67
OUTLET EL 68'-8
INLET EL 65'-10
CONDENSER AIR EJECTOR MONITOR CABINET
PLATF. EL 68'-6
H.P. HEATER 2-5A
GRAVITY HEAD TANK 2-1
H.P. HEATER 2-5B
OPER FL EL 62.00'
L.P. HTR 2-4A
L.P. HTR 2-3A
L.P. HTRS 2-2A & 2-4A
EXPANSION TK 2A
MCC-2A1
L.P. HTR REMOVAL (TYP.)
L.P. HTR 2-4B
L.P. HTR 2-3B
L.P. HTRS 2-3B & 2-4B
TOP OF SLAB EL 50.83'
CENTRAL ALARM STA.
EL. EL. 50.50'
MEZZ FL EL 39.50'
LAYDOWN AREA
CHEM FEED EQUIPT CONT. PANEL
CHEMICAL STORAGE
STA AIR AFTERCOOLER & SEPARATOR
INST AIR AFTERCOOLER & SEPARATOR
AUX AFTERCOOLER
INSTRUMENT AIR DRYER 2B
INST AIR AFTERCOOLER SEPARATOR
20 TON MONORAIL
CONDENSATE PUMP 2C
FEEDWATER PUMP 2A
CONDENSATE PUMPS
FEEDWATER PUMP 2B
DRAINCOOLER 2A
HEATER DRAIN PUMPS
COND. PUMP TRANSFER SWITCH PANEL
GROUND FL EL 19.50'
WIRE MESH ENCLOSURE
UNLOADING BAYS
L.P. CYL. COVER INNER #1
PAVING EL 19.00'
RAMP
STA. AIR COMPRESSOR
CHEMICAL INJECTION TANKS
CHEMICAL INJECTION TK 2C
HYDRAZINE TANK
CONCRETE TOP OF MAT EL. 13.00'
CIRC WTR DISCH
DISCH EL 11.00
SUCT EL 7.00'
SAMPLE PUMPS
EL 14.50'
EL 12.00
EL 9.75'
EL 7.25
EL -0.75'
DISCHARGE TUNNEL
EL 4.50'
EL -9.75'
EL 10.00'
EL 22.00'
SAND FILL
MAIN HOOK
CRANE
CLOSED BLOW DOWN COOLING SYSTEM CHEMICAL FEED POT
CLOSED BLOWDOWN SURGE TANK
PLATF EL 72.00'
CABLE REEL
SECTION B-B
2998-G-060(D-19) 061(E-18) 062(F-19)
LP TURB 2A
LP TURB 2B
REHEAT STOP VALVE
INTERCEPTOR VALVE (TYP.)
MOISTURE SEPARATOR REHEATER 2D
MOISTURE SEPARATOR REHEATER 2C
DRAIN COLLECTOR 2C
DRAIN COLLECTOR 2D
TURB-GEN
OPER FL EL 62.00'
GENERATOR MAIN LEADS
GEN. NEUTRAL GRDG. CUBICLE
EL 53.25'
EL 46.37'
PLATF EL. 49.50
EN FLUID RESERVOIR
OPEN BLOWDOWN COOLING HEAT EXCHANGERS
L.P. HTR 2-2A
L.P. HTR 2-1A
L.P. HTR 2-1B
L.P. HTR 2-2B
3.5 TON MONO RAIL (TYP.)
COND 2A
COND 2B
VAPOR EXTRACTOR
PT & SURGE PROTECTION COMPARTMENT
BUS HEAT EXCHANGER
MEZZ FL EL 39.50'
STAIR NO.1
STAIR NO.2
LAYDOWN AREA
CW STR 55-21-4A
TURB COOLING WATER HEAT EXCH'S
LW STR 55-21-4B
CLOSED BLOW DOWN COOLING PUMPS
GLAND STM. COND RECEIVER
TRANSF PUMP
PLAT EL 23.67'
EL 29.75'
EL 29.50'
UNLOADING BAY
PAVING EL 19.00'
CONCRETE
TURB C.W. PUMPS
TOP OF MAT EL 13.00'
DF-21-2A1
DF-21-2B1
DF-21-2B2
DF-21-2A2
PLATE EL 14.83' (TYP.)
EL 10.75'
CIRC WTR LINES
EL. 3.75'
2HVS-18
2HVS-12
480V CNTL UNIT
SSWL PUMPS SUCT EL 21.75'
PLATE EL 27.67'
3" TO BASE OF UNIT
W/SEAL OIL UNIT
CURB
SAND FILL
GROUND FL EL 19.50'
ENTRANCES TO SWGR ROOMS
EL. 11.00'
EL 2.00'?
SECTION A-A
2998-G-060(I12), 2998-G-061(J19), 2998-G-062(K9)

INFORMATION ONLY
VERIFY WITH A CONTROLLED COPY BEFORE USE.

1 0 5 10 15 20 25 30 1/8"=1'-0

NOTE:
1. FOR GENERAL NOTES, REFERENCE DRAWINGS & LEGEND SEE 2998-G-064

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

ALBERT J. UGOLOW CERTIFICATE No. 31840 STATE OF FLORIDA REGISTERED ENGINEER

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NO	DATE	REVISION	BY	CH	APPROVED
17	8-21-96	PC/M 95036 ADDED: NOTE 6 DEBRIS FILTERS (L-7: Thru 11)	RR	HM	— — SMH
16	9-17-94	APPD BY WHICHEN FC PE# 43018 PC/M 120-280 REV: (B-8) DLM	FB	DWC	DWC
15	5-31-89	PC/M 081-286 REV: (E,D-G7) INST AIR EQUIPMENT	HK	HK	HK
14	12-14-88	PC/M 172-988 REV: (D11) ALARM STA. DESIGNATION.	NA	FB	FB
13	5-28-87	PC/M 058-283: ADDED: (D16,17) 2L-25 (L12,13) (CW-7) 2HVS-18A,B; DELETED: (X16,17) 2L-23 & 24, (D14,15) 2HVS-18 A,B. PC/M 406-283: ADDED: (E10) PLATF. GENERAL: DELETED (F9) STAIRS.	NA	HK	HK
12	10-19-84	PC/M 74-283: ADD. (G15) PUMPS & PNL. PC/M 300-283 ADD (E) AFTERCOOLER	M.C.	M.M.	M.M.
18	10/13/98	DCR 98010 REVISED: (E3) CYCLONEX To CHEM. INJ. TK EL. ADDED (E2) 2A2B	HS	GM	SMH

THIS DOCUMENT HAS BEEN PHOTOGRAPHICALLY REPRODUCED. FOR PREVIOUS REV. BLOCKS SEE RECORD MYLAR "2998-G-063 REV. 11"

FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1983-890 MWe EXTENSION UNIT # 2
GENERAL ARRANGEMENT
TURBINE BUILDING - SECTIONS - SHEET 1

EBASCO SERVICES INCORPORATED

APPROVED DATE OCT 29 1984

SCALE 1/8"=1'-0
DW. MECH.
DR. CORREIA
CH. M. MAIER

2998-G-063
18

97120 40015 -94 E