2998-G-058

TRUE N

28°41'56"

END OF CW DISCH PIPE UNIT N°2

1416.00'± SUBAQUEOUS DIFFUSER PIPE UNIT N°2 (NTS)

328.00'± SUBAQUEOUS PIPE UNIT N°2 (NTS)

7-6 I.D.

END OF CW DISCH PIPE UNIT N°1

℄ 192"ϕ DISCHARGE PIPE UNIT N°2

1250.00'± (NTS)

SUBAQUEOUS DISCHARGE PIPE 12.00' I.D

300.00'± (NTS)

DISCH. PIPE CLEANING PIG ENTRANCE GATE N. 777.02' E. 4002.71'

N. 768.25' E. 3850.50' DISCH. CANAL HEADWALL

BOT EL. -20.00

WATER TEMPERATURE MONITORING DOCK

MICROWAVE TOWER

MEAN LOW WATER

ATLANTIC OCEAN

45° ELBOW

VELOCITY CAP

VELOCITY CAP

WARNING SIGNAL (TYP.)

50' (NTS)

THIRD INTAKE PIPE 16.00' I.D

1300.00' (NTS)

SUBAQUEOUS INTAKE PIPES 12.00' I.D

400.00'± (NTS)

51.75

(2) 84" DIA ℄ BULKHEADED RECIRC PIPES

HEADWALL

INTAKE CANAL HEADWALL

CANAL EXTENSION

℄ DIKE EL. 19.00' (TYP)

2400.0'

SPILLWAY

STA. 371+10 EL. 11.30

STA. 368+50.64

PVI 6.40 TYP

450.00'

CW DISCH. CANAL ROCK EL. 17.00'±

STATE ROAD A-1-A

SITE ASSEMBLY STATION

METEOROLOGY STATION N. 3568.54' E. 2591.92'

CONCRETE HIGHWAY BRIDGE CROWN EL. 18.25'

CONCRETE HIGHWAY BRIDGE CROWN EL. 14.75'

STATE ROAD A-1-A

DIESEL OIL STORAGE TANKS

SPARE MAIN TRANSFORMER

DIESEL GENERATOR BLDG

REFUELING WATER TANK

COMPONENT COOLING EQUIPMENT AREA

PLANT ACCESS ROAD

MONITORING WELL 08-4

DRY STORAGE WAREHOUSE

MONITOR STORAGE TKS.

STEAM GENERATOR BLDG. TREATMENT FACILITY

PRIMARY WATER STORAGE TANK

SOUTH SECURITY BLDG.

218.69'

1000.00'

GROUND WATER MONITORING WELL 08-1 (S&W) SEE NOTE 5 (TYP.)

SEAL WELL

WASTE MONITOR TKS.

DIMIN. WTR. STG. TK.

PRIMARY WATER STORAGE TANK

STEAM TRESTLE

FUEL HANDLING BLDG.

SECURITY & RECORDS BLDG.

BARGE SLIP

SIMULATOR TRNG BLDG. & VISITOR CENTER

PARKING AREA

COMPONENT COOLING EQUIPMENT BLDG

EL. 9.00' (TYP.)

DIESEL OIL STORAGE TANKS

SEA. WELL

DIESEL GEN. BLDG

NATURAL LOW LEVEL STORM WATER BASIN

REFUELING WATER TANK

FUEL HANDLING BUILDING

RAD. AREA ACCESS CONT. BLDG. NON MAN. PERSONNEL

REFUELING WATER TANK

℄ REACTOR BUILDINGS UNIT N° 1 & 2

REACTOR BLDG.

REACTOR BLDG.

CRAFT RCA ACCESS BUILDING

REACTOR AUXILIARY BUILDING UNIT N° 1

CONDENSATE STORAGE TANK

MAIN TRANSFS UNIT N°2

START-UP TRANSF. N° 1B & 2B

STEAM TRESTLE

NATURAL LOW LEVEL STORM WATER BASIN

TURBINE BUILDING

TURBINE BUILDING

UNIT N°1 REACTOR AUX. BLDG. LAWN EQUIP. BLDG. SERVICE BLDG.

CITY WATER STORAGE TANKS

TREATED WATER STORAGE TANK & TREATED WATER TRANSF. PUMPS

CONDENSATE STORAGE TK. CONDENSATE POLISHING FILTER DEMINERALIZER BLDG.

ACID NEUTRALIZING BASIN

CAUSTIC ACID STORAGE TANK WATER TREATMENT AREA

SANITARY TREATMENT FACILITY

GAS STORAGE FACILITY

CHEMICAL STORAGE BLDG.

INTAKE STRUCTURE UNIT NO. 1

SANDBLAST BLDG.

MAIN TRANSFS UNIT NO. 1

FIRE TRAINING PIT

1500.00' MONITORING WELL 08-2 (S&W)

2550.00'

330.00'

S 37°E

N 64°E

1430'

INTAKE STRUCTURE UNIT NO. 1

℄ C.W. INTAKE CANAL ℄ BOT. EL. -29.25'

MONITORING WELL 08-3 (S&W) N 93°E

℄ DIKE EL. 13.00' (TYP)

CONTROL HOUSE EL. 18.00'

ELECT. DUCT BANK N 716.50'

SWITCHYARD ACCESS ROAD EL. +5.00'

SWITCH YARD

425.00'

N-S BASE LINE

E-W BASE LINE

N 04°13' E 804.75'

INTAKE STRUCTURES UNIT NO. 1

START-UP TRANSF. NO. 1 & 2

165.0

75.00

NO.1

NO.2

NO.3

HUTCHINSON - ST LUCIE 240 KV LINES

℄ REACTOR BUILDINGS UNITS NOS. 1 & 2

REACTOR BUILDINGS UNIT NO. 2

313.00'

EMERGENCY CW CANAL EXIT EL. +5.00

BIG MUD CREEK

INDIAN RIVER

HERMAN'S BAY

GENERAL NOTES

1. PLANT DATUM SHALL BE MEAN LOW WATER IN ATLANTIC OCEAN EL. 0.00'
2. COORDINATES ARE BASED ON STATE PLANE COORDINATES SYSTEM - EAST ZONE
3. ALL SLOPES SHALL BE 1 (VERT) TO 3 (HORIZ)
4. PLANT AREA GRADE EL 18.50'
5. FOR ADDITIONAL INFORMATION ON GROUND WATER MONITORING WELLS SEE REPORT BY TECNOS INC. MIAMI FL DATED 8/31/84

REFERENCE DRAWINGS

INT CANAL & DISCH CANAL PLAN C/H — 2998-G-063

ENLARGED PLOT PLAN — 2998-G-059

NO.	DATE	REVISION	BY	CH.	APPROVED
12	12-20-84	GEN DEL (7,8-9) REF DWG PCM 075-988 Δ REV: (G4) COORDINATE	RB	FP	
11	1/31/91	APP'D BY V.F. RUBALO FL PE # 43127 PC/M 088-988 Δ ADD'L (H-7) VISITOR CENTER PC/M 089-889 Δ ADD (H10) CRAFT RCA ACCESS BLDG	WM	RB	
10	5/2/90	PC/M 001-989 Δ ADD: (G8) SPARE MAIN TRANSFORMER	RB		
9	7/26/85	PC/M 081-986 Δ REV: (G6) PARKING AREA, ADD: (H6) SIMULATOR TRNG BLDG	WK		
8	7-29-85	PC/M 45-81 Δ ADDED: (7-9) CHEMICAL STORAGE BLDG. GEN. ADDED: (G-10,15) (1-11,13) WELLS (H-19) (K-19) NOTES	RJ		
7	3-1584	REVISED: (7-9) W. SIDE OF UNIT 1 SERVICE BLDG. (7-8) WEATHER STATION TO SITE ASSEMBLY STATION. ADDED: (H-8) BARGE SLIP; (H-9) WASTE MONITOR TKS.; (H-10) DEV. STORAGE WAREHOUSE; (H-11) RAD. AREA ACCESS CONT. BLDG.; NON MAN. PERSONNEL WHICH INCLUDES CSAC (9-4); (7-9) REF. DWG. UNIT 1; (J-9) FIRE TRN. PIT; (G-9) SANITARY TREATMENT FACILITY; (E-5) SANDBLAST BLDG.; (G-9,10) SYSTEM TRESTLE; (E-10) MICROWAVE TOWER; (E-10) WTR. TEMP. MONITORING DOCK; (E-10) COORD. N 768.25', E 3850.50'; (E-10) DISCHARGE PIPE CLEANING PIG ENTRANCE GATE; (7-9) METEOROLOGY STATION. DELETED: (E-9,10) CAUSTIC ACID STORAGE TANK.	AEZ	FP		
6	9-27-84	INC DCN SL-GAC-15,16,26. REVISED: (J-8) WATER STORAGE TKS PUMPS & TITLE; ADDED: (E-8) PUMP; (H-8) AUX. BOILERS; (16-19 THRU E-5) 3 PCE INTAKE PIPE.	CCD	EM		
5	1-27-82	INC. ALL GA DCN'S APPVD AS OF 9-28-81. REVISED: (I-8) TANK; (H10) HEADS (J-9); ADDED: SB SECURITY BLDG; (J-9) SODIUM HYPOCHLORITE EQUIP & RCA (13) CFS BLDG.				
4	11-19-80	INC DCN SL-GAC-084 REVISED: (A10, B10, C10, D10) DISCH PIPE; (E10) TOP OF DIKE ℄ DISCH CANAL HEADWALL. DELETED: (E10 THRU E13) FUTURE RECIRC CANAL.	JC JP	CCD		
3	8-3-79	REVISED: (N18) NOTE) (G6) ROAD (DELETED: (H9) ROAD; (H9) BARGE; (G11) NOTE	WM A	SR		
2	2-976	REVISED (H-4) PARK'G LOT (H-4) HORIZ LOC. DIESEL OIL STR. TK., SAB TK (7-8) NEUT. BASIN (H-6) CONDTK. MISSILE PROTECTION (H-9) (J-2) CCCW (P-7) EMISS. CW. CANAL. ADDED: (M-18) TITLE (G-9) PARKING LOT (8-10) PUMP (H-8) LAWN EQUIP. BLDG. (H-8) SEC. (REC. BLDG., DEMIN. WTR. TK. (H-10) MONITOR STR. TK'S (G-9) ROAD (E-10) START-UP TRANSFS (E-12) (K-9,4 (H-18) NOTES. DELETED: (H-16) ELEV. (M-5) NOTE 1 (J-10) CCW BLDG. (REC. BLDG.	MC			
1	8-2373	REVISED: (4-5) (9-10) LOCATION OF POND, WATER STR. TK (H-5); ROAD (H-8) SITE WATER STR. TK (H-8); ROAD (E-10) (7-9); ROAD (E-10) (7-10, 16); PVT. STRGE. CANAL (E-10) LOC. OF GUIDE UNIT (2-8) BASEMENT ELEV. INTAKE (2-10) DIKE (D-5) TO (D-18). MEAN LOW WATER LINE (J-6) (1-11) TITLE. ADDED: (E-11) LEGEND (F-11) (F-13) SAUCER ELEV. (1-15) EXCAVATION UNIT (TYP.) (7-6) WEATHER STATION (F&G 9 & 10-K) SWITCHYARD ACCESS ROAD (7-8) NOTES (8-10) NOT RELEASED (H-2) (K-8) DIM. DELETED: (H-4) EXIST'G. ROAD (H-5) GAS STRAGE FACILITY (K-8) (8-10) NOT RELEASED AT C.W. DISCH	RP			
13	11-20-79	CRN 98012-7877 DEL (H-8, H-9) AUX. BOILER	PDB	HS		

AS BUILT DRAWING

THIS DRAWING REVISED TO AS BUILT MAR. 20, 1984

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

BEST PRINT POSSIBLE

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FLORIDA POWER & LIGHT CO.
JPE
POWER PLANT ENGINEERING

300 0 300 600 900
1" = 300'

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1973 - 890,000 KW INSTALLATION - UNIT NO. 1
1983-890 MW (e) EXTENSION - UNIT NO. 2

SITE PLAN

EBASCO SERVICES INCORPORATED NEW YORK

SCALE 1"=300'	APPROVED	DATE 4-18-75
DIV. MECH.	P.R. Bennett	
DIR. GEO. BUNGOO		2998-G-058
CHK. D'ANGLO	VA	13