8770-G-165 SH 1

DRAWING NUMBER 8770-G-165 SH 1 IR4

PLANT HOLD CORPORATION • IRVINE, CALIFORNIA

FIRE PROTECTION ST. LUCIE SITE FIRE BOUNDARIES

LEGEND
- ▨ = FIRE BOUNDARIES
- = FIRE HYDRANT

NOTES:
1. FOR FIRE AREAS, ZONES & BOUNDARIES INSIDE THE BUILDINGS SEE APPROPRIATE G-165 SERIES DWGS.
2. NUMBERS INDICATE FIRE ZONES.
3. THIS DRAWING IS FOR INFORMATION ONLY, NOT TO BE USED FOR DESIGN PURPOSES.
4. FOR ADDITIONAL NOTES AND REFERENCE DRAWINGS SEE DWG 8770-G-165 SH 2.

FIRE ZONES 27 & 29 31-41,43-52,54-63, 70-78,80 & 82 — SEE NOTE NO. 1

FIRE ZONES 15 THRU 44 & 48 — (SEE NOTE NO. 1) REACTOR AUXILIARY BLDG UNIT NO. 2

FIRE ZONES 14, 17 THRU 25 — TURBINE BLDG UNIT NO. 1 & BETWEEN CONDENSERS

RADIATION AREA ACCESS CONTROL BLDG. 47

TURBINE BLDG UNIT NO. 2 & BETWEEN CONDENSERS

FUEL HANDLING BLDG UNIT NO. 1 — 64 THRU 69

FUEL HANDLING BLDG UNIT NO. 2 — 45 & 46

REACTOR BLDG UNIT NO. 1 — 26

REACTOR BLDG UNIT NO. 2 — 14

REACTOR AUXILIARY BLDG. UNIT NO. 1 — PENETRATION AREA

CONTROL ROOM UNIT NO. 1 — OFFICES & CLASSROOM — LAB. GAS STORAGE

CONTROL ROOM UNIT NO. 2 — HEV ROOM

50 THRU 52

81

1

6

7

SEE NOTE NO. 1

PROJ. OF 40° LINE UP TO EL. + 18.00'

PARKING — SERVICE ROAD — PLANT ACCESS ROAD — ROAD

CANOPY SECURITY & RECORDS BLDG

SIMULATOR TRAINING BUILDING

WAREHOUSE FOR UNIT 1 & UNIT 2

OFFICE FOR UN. 1 & UNIT 2

CANOPY ROOF — UNLOADING DOCK — RAMP DN

SLIDING GATE — CONTROLLED ACCESS ROAD — MANUAL GATE W/ ALARM

TOP OF BERM EL. 14.00' — SEAL WELL — CONC. PAVING — HEADWALL

PRIMARY WATER PUMPS — PRIMARY WATER STORAGE TANK — DEMIN. WATER STORAGE TK. — DEMIN. WATER PUMPS — STRAINER — CRANE RAIL (T.T.P.)

COMPONENT COOLING HEAT EXCHANGERS & PUMPS — S.D. TRANSF. PUMP 1A — S.D. TRANSF. PUMP 1B — S.D. TRANSF. PUMP 2A — S.D. TRANSF. PUMP 2B

DIESEL OIL STORAGE TANKS FL. EL. 19.00 — DIESEL OIL STORAGE TANKS FL. EL. 49.00

DIESEL GEN. 1A — DIESEL GEN. 1B — DIESEL GEN. 2A — DIESEL GEN. 2B

REFUELING WTR. TK. — MISSILE BARRIER — EVACUATED DEGASIFIER — PRIMARY WATER STORAGE TANK — EDISON PRIMARY WTR. PUMPS — CHEMICAL FEED TK. — CASK STORAGE — CRANE RAIL — PIPE TRENCH

ROOF EL. 62.00' — ROOF EL. 43.00' — ROOF EL. 82.00' — ROOF EL. 62.00' — VENT STACK (SEE NOTE NO. 1) — MAINTENANCE MATCH — CONSTRUCTION MATCH — STEAM GEN. — STEAM TRESTLE — CRANE RAIL — WALK-WAY (TYP.) — CONTROL POINT GUARD HOUSE — CATWALK — LAYDOWN AREA — FENCE — MISSILE BARRIERS (TYP.)

CIRC. WTR DISCH — UNLOADING BAY UNIT NO. 1 — UNLOADING BAY UNIT NO. 2 — TURB. GEN. NO. 1 — TURB. GEN. NO. 2 — SHELTER RAIL — TURB. OIL STORAGE TANK — TURB. OIL RESERVOIR — TURB. OIL PURIFIER — COND. PIT EL. 10.75' — COND. PUMP 1C — COND. STOR. TANK 2 — COND. POLISH. BLDG. — AUX. BOILER OIL STG. TK. — UNIT AUX. TRANSF. — START-UP TRANSF. — MAIN TRANSFS UNIT NO. 1 — MAIN TRANSFS UNIT NO. 2 — PITOT TUBE PIT — COND. STOR. TANK 1

CITY WATER SUPPLY-FLOW METER ACCESS PIT — CITY WATER STORAGE TANK — TREATED WATER STORAGE TANKS — LEIRE PUMPS — CITY WATER TRANSFER PUMPS — DOMESTIC WTR. PUMPS — TREATED WTR. TRANSFER — HYDRO PUMPS — GAS STORAGE BLDG. — N2 TUBE TRAILER — N2 FLASK — CAUSTIC STORAGE TANK — (CAUSTIC TANK) PUMPS — ACID (1A) PUMPS (1B) — EQUIP. (TYP.) ORGANIC SCAVENGER, CATION EXCHANGERS, WEAK BASE ANION EXCH, STRONG BASE ANION EXCH, WATER HEATING TK, BOOSTER PUMPS, BRINE MIX TANK, RECYCLE PUMPS, TRANSFER PUMPS, VACUUM DEGASIFIER, VACUUM PUMPS, BRONZE FILTER SERVICE PUMP, BRINE HEATING TK. — CARBON FILTERS — OPER. SHELTER — MCC 1A4 — MCC 1B4 WTR TREATMENT CONTROL PANEL — NEUTRALIZATION BASIN — NEUTRALIZATION BASIN PUMPS — SAFETY SHOWER

INTAKE STRUCT. EL. 16.50' — TRANSMISSION LINES — MISSILE BARRIER — TRASH PIT — INTAKE STRUCTURE UNIT NO. 1 — INTAKE STRUCTURE UNIT NO. 2 — TOE OF EXCAVATION AT EL. -60.00' — CONC. PAVING — ELECTRICAL DUCT BANK — 3'-6 WIDE (WALKWAY ONLY) — BIG MUD CREEK — SWITCHYARD ACCESS ROAD — ℄ EMERGENCY CIRC. CANAL EL. -14.00' — BOT. OF INTAKE CANAL EL. -29.25' — NATURAL LOW LEVEL STORM WATER BASIN

INFORMATION ONLY
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APERTURE CARD

APPROVED FEB 26 19

ALBERT J. UGELOW — CERTIFICATE No. 31840 — STATE OF FLORIDA — REGISTERED ENGINEER

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

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NO.	DATE	REVISION	BY	CH.	APPROVED
4	2/21/87	DCR S60288 DELETE (C4) REF. TO VACUUM DEGASIFER	GW		
3	6-8-83	PC/M 081-986Δ REV: (AD-1,3) PARKING AREA, ADD: (EG-1,2) SIMULATOR BLDG.	HK	PB	
2	4-7-83	PC/M 290-986Δ DEL: (I2) NORTH CRAFT ACCESS BLDG.	PB	WW	
1	1-10-86	REVISED AND REDRAWN FOR PREVIOUS REV 0 SEE RECORD MYLAR.	JAS	FP	

FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1976-890.000 KW INSTALLATION UNIT NO. 1
1983-890MW ± EXTENSION-UNIT NO. 2

EBASCO SERVICES INCORPORATED NEW YORK

SCALE 1"=40.00' — APPROVED — DATE Jan 29, 1986
DIV. MECH. — DR. AEZ — CH. SWENSON
8770-G-165 SH 1 — 4

9712040015-21 E