AIR CIRCUIT BREAKER, MANUALLY OPERATED

AIR CIRCUIT BREAKER WITH THERMAL OVERLOAD DEVICE

3-POLE CIRCUIT BREAKER WITH THERMAL OVERLOAD DEVICE IN ALL 3 POLES

AIR CIRCUIT BREAKER WITH MAGNETIC OVERLOAD DEVICE

3-POLE AUTOMATIC OIL CIRCUIT BREAKER

3-POLE AIR CIRCUIT BREAKER, DRAW-OUT TYPE

MAGNETIC BLOW-OUT ARC COIL

FRONT TOP
BACK TOP

F-T	B-T	
1	03	1-2
2	04	3-4
F-BM	B-BM	
5	07	5-6
6	08	7-8

BACK BOTTOM
FRONT BOTTOM

WITHDRAWAL

INSERTION

CEA POSITION INDICATING LIGHT MODULE;
TOP HALF LIT - WITHDRAWN CEA
LOWER HALF LIT - INSERTED CEA

KEY-LOCK SWITCH

MANUALLY OPERATED 3-POLE CONTACTOR WITH THERMAL OVERLOAD DEVICE

ELECTRICALLY OPERATED 3-POLE CONTACTOR WITHOUT OVERLOAD DEVICE

ELECTRICALLY OPERATED 3-POLE CONTACTOR WITH THERMAL OVERLOAD DEVICE

3-POLE COMBINATION MAGNETIC STARTER WITH ELECTRICALLY OPERATED CONTACTOR AND MANUALLY OPERATED AIR CIRCUIT BREAKER, EACH WITH A THERMAL OVERLOAD

3-POLE COMBINATION MAGNETIC STARTER, ELECTRICALLY OPERATED CONTACTOR WITH THERMAL OVERLOAD DEVICE AND MANUALLY OPERATED AIR CIRCUIT BREAKER WITH MAGNETIC DEVICE

GEN — GENERATOR

MOT OR MOTOR — MOTOR

EXC — EXCITER

HORN OR SPEAKER

S — C10 — CONTAINMENT PENETRATION
3 — MODULE
WIRE NUMBER
(FOR CROSS REF. W/PENETRATION SCHEDULE ONLY DWG. 8770-B-337)

CROSSING OF CONDUCTORS NOT CONNECTED

JUNCTION OF CONDUCTORS

OR

B W — 2-CONDUCTOR CABLE SHOWN
ADD WIRES AND APPLICABLE COLOR CODE FOR ADDITIONAL WIRE
(SEE ABBREVIATION SHEETS FOR COLOR CODE)

B S W — SHIELDED 2-CONDUCTOR CABLE WITH SHIELD GROUNDED (S-SHIELD)

B S W — TWISTED SHIELDED PAIR (S-SHIELD)

SINGLE CONDUCTOR SHIELDED

B M R S — MULTI-CONDUCTOR CABLE WITH SHIELD (S-SHIELD)

IG — INSTRUMENT GROUND CONNECTION (NOTE 1)

WIRING TERMINAL

FUTURE CONDUCTOR

NEON TYPE PILOT LIGHT

CO-AX CONNECTOR
CO-AX CABLE

STD. MS. CONNECTOR
PLUG P
RECEPTACLE J
A
B
CO-AX CABLE

TEST JACK

POWER PLUG

RECP — POWER RECEPTACLE

MULTI-CONDUCTOR CABLE WITH SHIELD OR OUTER CONDUCTOR CARRIED THROUGH CONNECTOR.

SPLICE (SEE 8770-B-404 SH 16 PAR. 36 & 38 FOR USE ON VALVE BOXES)

TEST POINT #1 (TYP)
TEMPORARY INSTRUMENTATION

NOTES:
1. CONNECTIONS TO INSTRUMENT GROUND BUS ARE MADE BY FIELD.

RECEIVED
APR 12 1995
NUCLEAR RECORDS
DOCUMENT CONTROL CENTER

R6- AS BUILT

REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED	REV	DATE	BY	APPROVED
6	4-30-78	DV		4	4-15-75	BO		2	7-15-74	TW	NR
5	9-10-75	DC		3	11-20-74	DM		1	4-3-74	TW/GV	

EBASCO SERVICES INCORPORATED
NEW YORK

DIV. ELEC DR. RM
SCALE — CH. RM
DATE MAY 5, 1972
APPROVED R C Jaehlen
RL MM

FLORIDA POWER & LIGHT CO.
HUTCHINSON ISLAND PLANT-UNIT NO.1
CONTROL WIRING DIAGRAM
GRAPHICAL SYMBOLS

8770-B-327
SHEET 23

E