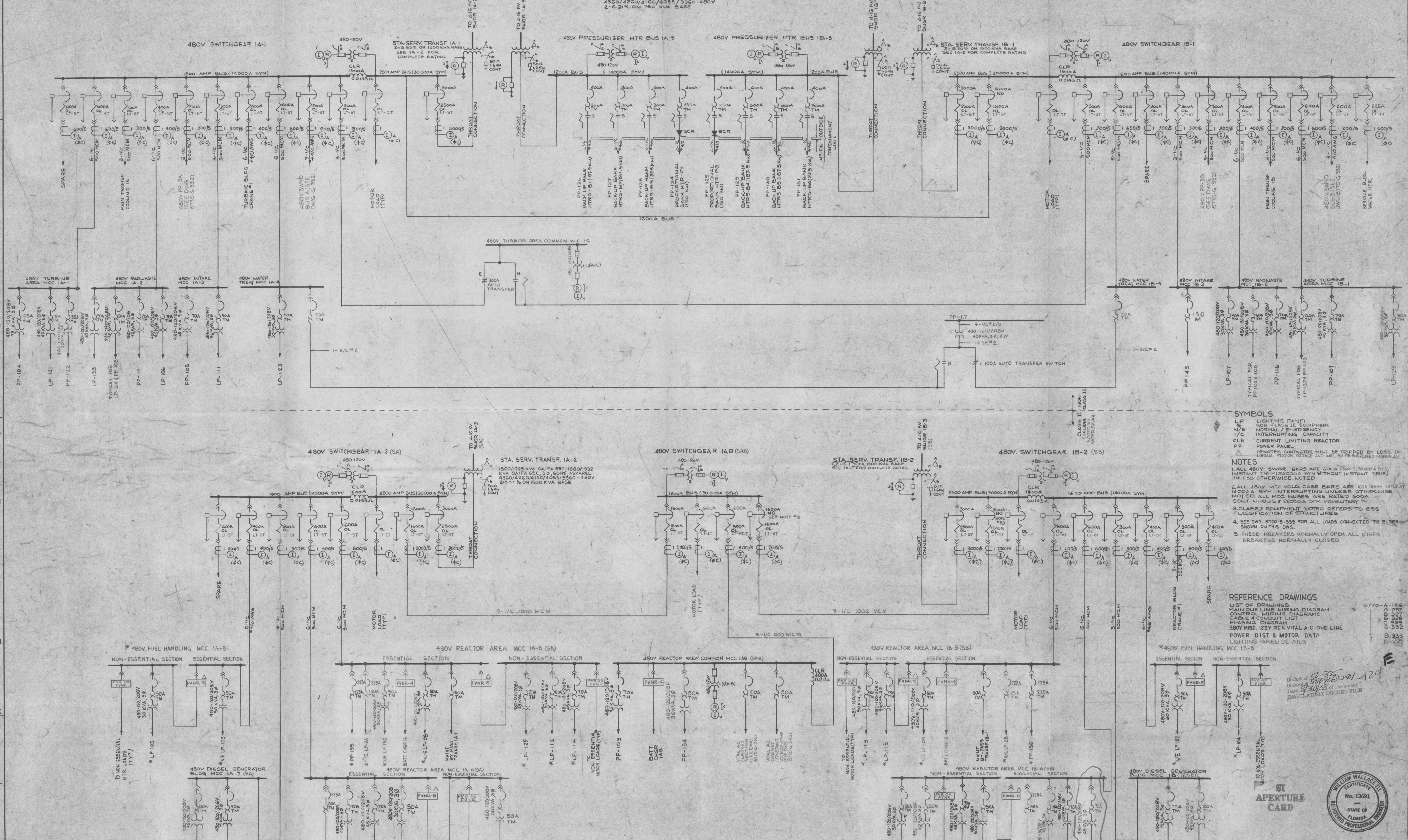


PRESSURIZER HTR TRANSFS
EACH 750 KVA, 3% 60 Hz, OIL (INERT OIL) 5°C
4360/4260/4160/4055/3960 480V
2.6-9% ON 750 KVA BASE



SYMBOLS

- LP LIGHTING PANEL
- NE NON-CLASSIFIED EQUIPMENT
- N/E NORMAL / EMERGENCY INTERRUPTING CAPACITY
- CLC CURRENT LIMITING REACTOR
- PP POWER PANEL
- NON-CLASSIFIED DENOTES CONTACTOR WILL BE TRIPPED BY LOSS OF NORMAL STATION VOLTAGE AND VALUES RE-ENGINEERED MANUALLY

NOTES

1. ALL 480V SWGR, BKRS ARE 600A FRAME, 3000A 5YS, INSTANT TRIP, 5500A SYM WITHOUT INSTANT TRIP UNLESS OTHERWISE NOTED.
2. ALL 480V MCC MOLD CASE BKRS ARE 100A FRAME RATED AT 14000A SYM INTERRUPTING UNLESS OTHERWISE NOTED. ALL MCC BUSBARS ARE RATED 600A CONTINUOUS & 2000A 5YS MOMENTARY.
3. CLASSIFIED EQUIPMENT NOTED REFERS TO ESS CLASSIFICATION OF STRUCTURES.
4. SEE DWS 8770-B-335 FOR ALL LOADS CONNECTED TO BUSES SHOWN ON THIS DWS.
5. THESE BREAKERS NORMALLY OPEN ALL OTHER BREAKERS NORMALLY CLOSED.

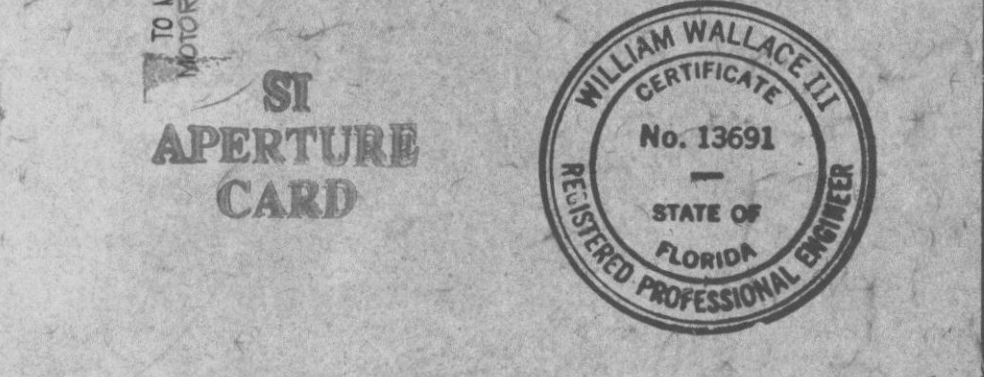
REFERENCE DRAWINGS

LIST OF DRAWINGS

- MAIN ONE LINE WIRING DIAGRAM
- CONTROL WIRING DIAGRAMS
- CABLE & CONDUIT LIST
- PHASING DIAGRAM
- 480V MISC. 125V DCR VITAL A-C ONE LINE
- POWER DIST. & MOTOR DATA
- LIGHTING PANEL DETAILS

8770-A-146
8770-B-335
8770-C-129
8770-D-129

Doc # 8770-201-129
DATE 3/30/82 of Document
REVISIONARY DOCKET FILE



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FLORIDA POWER & LIGHT COMPANY
HUTCHINSON ISLAND PLANT
1973 - 890,000 KW INSTALLATION - UNIT NO. 1
AUXILIARY ONE LINE DIAGRAM

EBASCO SERVICES INCORPORATED NEW YORK	
SCALE NONE	DATE 4-16-79
DIV. ELEC	APPROVED [Signature]
DR. 1300885	8770-G-274
CH. 136885	

NO.	DATE	REVISION	BY	CH	APPROVED	NO.	DATE	REVISION	BY	CH	APPROVED
10	6-12-80	ALAN SCHULCRUIT PER 872986 ADDED: PP-102(M) PER PGM 99-185	RP	0.01	[Signature]	6	9-24-74	ADDED: PP-134 (LID)			
9	2-7-83	REVISED IMPEDANCE RATING ON SWGR IB-2 (G. 12)	TFR		[Signature]	4	2-23-78	ADDED: (K5-K4) F1.2, (K3-K2) U3 PKR 4 F4M4, (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15)			
8	3-22-82	ADDED BK (F-1) PCN 440-78 REVISED AUTO TRANSFER SW (E7) & F14) PER 87141.79. 100% BUS TIE REVISED IN THIS REV. RE: TRANSFER SW (F15, F15, F15) REV. NOTE 2 (M)			[Signature]	5	5-23-77	ADDED: (K5-K4) F1.2, (K3-K2) U3 PKR 4 F4M4, (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15)			
7	11-11-79	ADDED: PP-173, LP-127, PP-174 (F15, F15, F15) REV. NOTE 2 (M) REVISED: (E15) TRANSFER SW (F4M4, F15) REVISED: (E15) TRANSFER SW (F4M4, F15) REVISED: (E15) TRANSFER SW (F4M4, F15)			[Signature]	3	10-18-74	RELOCATED: LP-126 & LP-116 REVISED: REACTOR RATING (K12)			
6	9-24-74	ADDED: (K5-K4) F1.2, (K3-K2) U3 PKR 4 F4M4, (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15)			[Signature]	2	10-18-74	RELOCATED: LP-126 & LP-116 REVISED: REACTOR RATING (K12)			
5	5-23-77	ADDED: (K5-K4) F1.2, (K3-K2) U3 PKR 4 F4M4, (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15)			[Signature]	1	1-26-77	ADDED: (K5-K4) F1.2, (K3-K2) U3 PKR 4 F4M4, (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15) REMOVED: (E15) TRANSFER SW (F4M4, F15)			

NOTE: THIS REVISION REFLECTS AS-BUILT CONDITIONS PER PGM 99-185