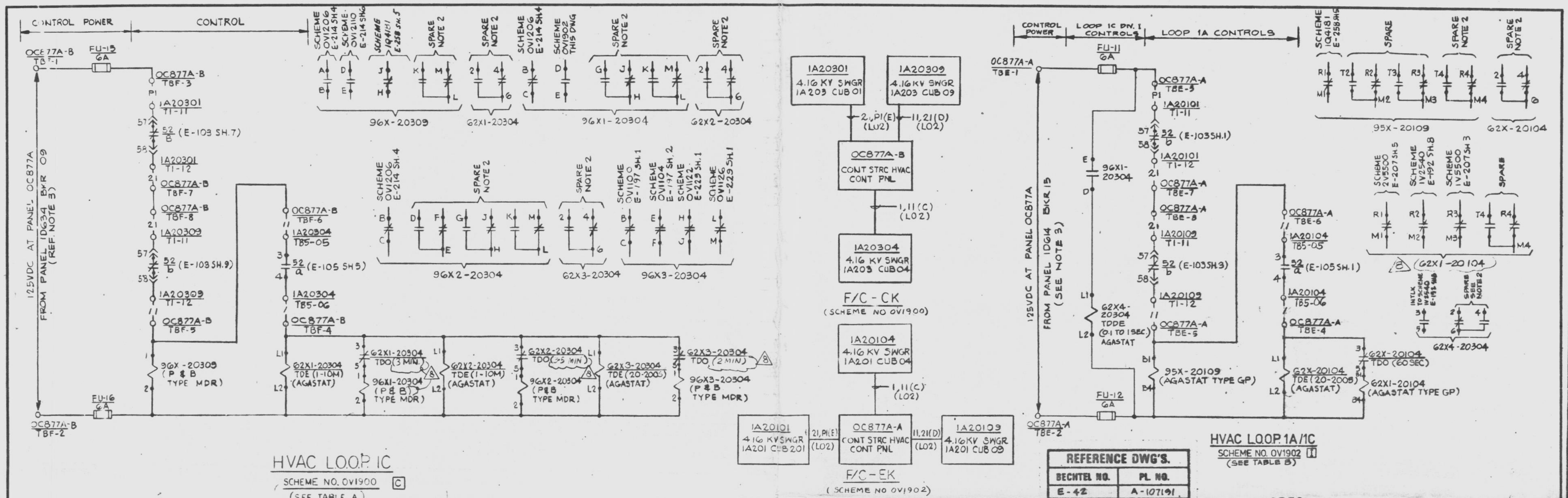

REFERENCE DWG'S.	
BECHTEL NO.	PL. NO.
E-42	A-107191
V-186	B-106926
E-103	D-107292
E-109	D-107292
E-64	D-107213

NOTES:

1. FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAM SEE DWG. E-42.
2. SPARE CONTACTS FOR THESE RELAYS ARE NOT WIRE TO TERMINAL BLOCKS.
3. FOR CHAN C (1C) 125VDC (1D634 BKR 9) POWER SUPPLY TO 0C877A REF. DWG. E-64 SH.12.
FOR CHAN D (1D) 125VDC (1D644 BKR 9) POWER SUPPLY TO 0C877B REF. DWG. E-64 SH.12.
FOR DIV. I (1A) 125VDC (1D614 BKR 15) POWER SUPPLY TO 0C877A REF. DWG E-64 SH.11
FOR DIV II (1B) 125VDC (1D624 BKR 17) POWER SUPPLY TO 0C877B REF. DWG. E-64 SH.11.
FOR DIV I (2A) 125VDC (2D614 BKR 15) POWER SUPPLY TO 0C877A REF. DWG. E-64 SH.21.
FOR DIV. II (2B) 125VDC (2D624 BKR 17) POWER SUPPLY TO 0C877B REF. DWG. E-64 SH.21.

TABLE A

SCHEME NO.	DESCRIPTION	ESS CHAN	F/C	FUSE NUMBER	FUSE LOC	ISOLATION RELAYS				TIME DELAY RELAYS			INTLK'S CONTACT	INTLK'S LOC	INTLK'S DWG
0V1900	HVAC L.O.O.P. IC	C	CK	FU-15,16	0C877A-B	96X-20309	96X1-20304	96X2-20304	96X3-20304	62X1-20304	62X2-20304	62X3-20304	52b/57,58	1A20301	E-103 SH.7
0V1901	HVAC L.O.O.P. ID	D	DK	FU-15,16	0C877B-B	96X-20409	96X1-20404	96X2-20404	96X3-20404	62X1-20404	62X2-20404	62X3-20404	52b/57,58	1A20401	E-103 SH.10

INTLK'S CONTACTS	LOC	DWG	CONTACTS	LOC	DWG.	SCHEMES INTLK'D RELAY	CONTACT	SCHEME	CONTACT	SCHEME	RELAY	CONTACT	SCHEME	CONTACT	SCHEME	RELAY	CONTACT	SCHEME	RELAY
52b/57,58	1A20309	E-103 SH.9	52a/3,4	1A20304	E-105 SH.5	96X-20309	A,B	0V1206	D,E	0V1210	96X1-20304	B,C	0V1206	D,E	0V1902	96X2-20304	B,C	0V1206	96X3-20304
52b/57,58	1A20409	E-103 SH.12	52a/3,4	1A20404	E-105 SH.7	96X-20409	A,B	0V1207	D,E	0V1211	96X1-20404	B,C	0V1207	D,E	0V1903	96X2-20404	B,C	0V1207	96X3-20404

SCHEMES INTLK'D CONTACT	SCHEME	CONTACT	SCHEME	CONTACT	SCHEME	CONTACT	SCHEME	RELAY	CONTACT	SCHEME	DWG	TERMINAL NUMBERS								
B,C	0V1100	E,F	0V1104	H,J	0V1122	L,M	0V1126	96X-20309	H,J	SPARE	—	0C877A-B	F1	F2	F3	F4	F5	F6	F7	F8
B,C	0V1101	E,F	0V1105	H,J	0V1123	L,M	0V1127	96X-20409	H,J	1S1205	E-258 SH.2	0C877B-B	F1	F2	F3	F4	F5	F6	F7	F8

TABLE B

SCHEME NO.	DESCRIPTION	ESS DIV	F/C	FUSE NUMBER	FUSE LOC	AUX. RELAY		TIME DELAY RELAY	INTLK'S CONTACT	LOC	DWG	CONTACT	LOC	DWG	CONTACT	LOC.	DWG.	SCHEMES INTLK'D RELAY	CONTACT	SCHEME	DWG	CONTACT	SCHEME	CONTACT	SCHEME	CONTACT
0V1902	HVAC L.O.O.P. 1A	I	EK	FU-11,12	0C877A-A	95X-20109	62X1-20104	62X-20104	52b/57,58	1A20101	E-103 SH.1	52b/57,58	1A20109	E-103 SH.3	52a/3,4	1A20104	E-105 SH.1	95X-20109	R1,M1	1Q4181	E-258 SH.5	T2,R2,M2	SPARE	T3,R3,M3	SPARE	T4,R4,M4
0V1903	HVAC L.O.O.P. 1B	II	FK	FU-11,12	0C877B-A	95X-20209	62X1-20204	62X-20204	52b/57,58	1A20201	E-103 SH.4	52b/57,58	1A20209	E-103 SH.6	52a/3,4	1A20204	E-105 SH.3	95X-20209	R1,M1	1S1204	E-258 SH.2					
0V1904	HVAC L.O.O.P. 2A	I	EK	FU-13,14	0C877A-A	295X-20109	262X1-20104	262X-20104	52b/57,58	2A20101	E-103 SH.13	52b/57,58	2A20109	E-103 SH.15	52a/3,4	2A20104	E-105 SH.9	295X-20109	R1,M1	2S1204	E-258 SH.11					
0V1905	HVAC L.O.O.P. 2B	II	FK	FU-13,14	0C877B-A	295X-20209	262X1-20204	262X-20204	52b/57,58	2A20201	E-103 SH.16	52b/57,58	2A20209	E-103 SH.18	52a/3,4	2A20204	E-105 SH.10	295X-20209	R1,M1	2Q4181	E-258 SH.14	↓	↓	↓	↓	↓

SCHEMES INTLK'D SCHEME	RELAY	CONTACT	SCHEME	DWG	CONTACT	SCHEME	DWG	CONTACT	SCHEME	DWG	CONTACT	SCHEME	DWG	TERMINAL NUMBERS									DESCRIPTION	SCHEME INTLK TIMER	CONTACT	DWG. NUMBER
SPARE	62X1-20104	R1,M1	2V5500	E-207 SH.5	R2,M2	1V2540	E-192 SH.8	R3,M3	1V5500	E-207 SH.3	R4,M4	SPARE	—	0C877A-A	E1	E2	E3	E4	E5	E6	E7	E8	HVAC LOOP 1C	62X4-20304	3,3	E-192 SH.8
	62X1-20204	R1,M1	2V5501	E-207 SH.5	R2,M2	1V2541	E-192 SH.8	R3,M3	1V5501	E-207 SH.3	R4,M4	SPARE	—	0C877B-A	E1	E2	E3	E4	E5	E6	E7	E8	HVAC LOOP 1D	62X4-20404	3,3	E-192 SH.8
	262X1-20104	R1,M1	2V2540	E-192 SH.31	R2,M2	SPARE	—	R3,M3	SPARE	—	R4,M4	SPARE	—	0C877A-A	E9	E10	E11	E12	E13	E14	E15	E16				
↓	262X1-20204	R1,M1	2V2541	E-192 SH.31	R2,M2	SPARE	—	R3,M3	SPARE	—	R4,M4	SPARE	—	0C877B-A	E9	E10	E11	E12	E13	E14	E15	E16				

No.	DATE	REVISIONS	BY	CH'K	DESIGN SUPV.	ENG'R	PROJ. ENGR.	APP'S
6	6/7/84	ISSUED "AS-BUILT"						
5	7/30/81	REVISED TO INCORP. IDCN #1 (DCP # 002 REV. 0)		TN				
4	3/23/81	REV. RELAY NOS (XX & 12) & INCORP SFR [illegible]	HAC					
3	8/3/78	ADDED TERMINAL NOS & REVISED AS SHOWN	JB					
3	1/20/83	RE-ISSUED "AS BUILT" INCORP FCRE 11376 REV PER DCR 42						
7	7/26/82	RE-ISSUED "AS BUILT" INCORP. IDCN #2 (DCP 744 REV. 0)			TC	/		
0	12/17/75	ISSUED FOR CONSTRUCTION	JB	MS MT	AV	GAR UR	MJL	

SCALE NONE | DESIGNED J BURROR | DRAWN M.H. YOUNG

PENNSYLVANIA POWER & LIGHT COMPANY
ALLENTOWN, PENNSYLVANIA
SUSQUEHANNA STEAM ELECTRIC STATION – UNIT 1, UNIT 2

BECHTEL – SAN FRANCISCO

SCHEMATIC DIAGRAM HVAC CONTROL STRC CHILLED WATER SYSTEM L.O.O.P. RESET – COMMON

JOB No. 8856 | DRAWING No. E-214 SH 9 | REV. 8

D-107363 SH9

G1/2C22 SCHEME CT ST CHILLED WTR W

22 x 34 "D" SIZE