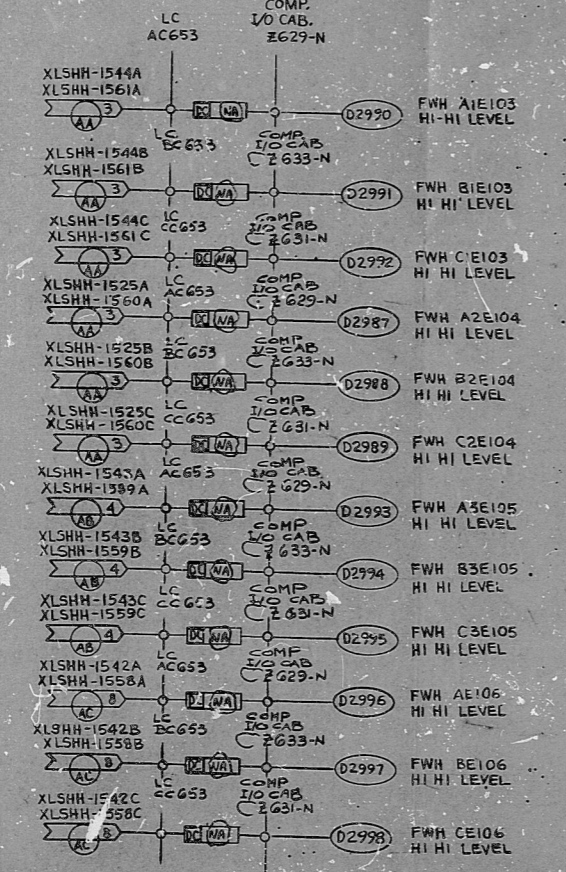
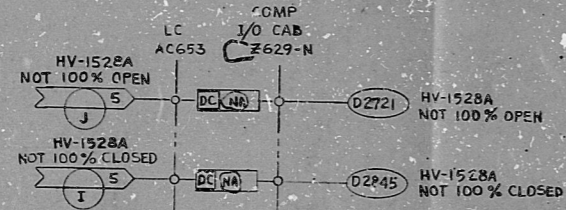
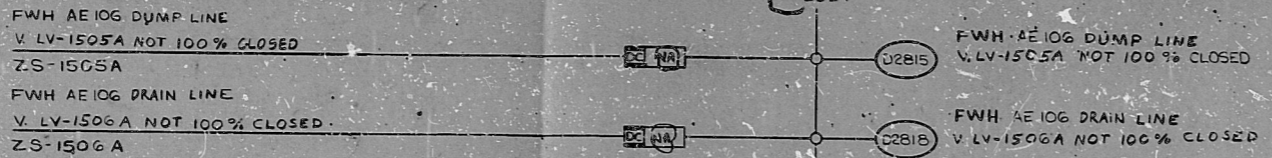


9 8 7 6 5 4 3 2 1

J-04-0 SHT. 9



CROSS REFERENCE TABLE

FWH NO.	DUMP LINE VALVE			DRAIN LINE VALVE			COMP I/O CAB
	VALVE NUMBER	POSITION SWITCH	COMPUTER INPUTS NOT 100% CLOSED	VALVE NUMBER	POSITION SWITCH	COMPUTER INPUTS NOT 100% CLOSED	
A2E106	LV-1505A	ZS-1505A	D2815	LV-1506A	ZS-1506A	D2818	Z327-N
A3E103	LV-1513A	ZS-1513A	D2821	LV-1514A	ZS-1514A	D2830	
A2E104	LV-1521A	ZS-1521A	D2839	LV-1523A	ZS-1523A	D2842	
A1E103	LV-1531A	ZS-1531A	D2851	LV-1532A	ZS-1532A	D2854	
B2E106	LV-1505B	ZS-1505B	D2816	LV-1506B	ZS-1506B	D2819	Z327-N
B3E103	LV-1513B	ZS-1513B	D2828	LV-1514B	ZS-1514B	D2831	
B2E104	LV-1521B	ZS-1521B	D2840	LV-1523B	ZS-1523B	D2843	
B1E103	LV-1531B	ZS-1531B	D2852	LV-1532B	ZS-1532B	D2855	
C2E106	LV-1505C	ZS-1505C	D2817	LV-1506C	ZS-1506C	D2820	Z327-N
C3E103	LV-1513C	ZS-1513C	D2829	LV-1514C	ZS-1514C	D2832	
C2E104	LV-1521C	ZS-1521C	D2841	LV-1523C	ZS-1523C	D2844	
C1E103	LV-1531C	ZS-1531C	D2853	LV-1532C	ZS-1532C	D2856	

CROSS REFERENCE TABLE

VALVE	VALVE NOT 100% OPEN	VALVE NOT 100% CLOSED	LC	WIRE NO. TO COMP. I/O CAB.		COMP. I/O CAB.	COMPUTER INPUT NO.	
				NOT 100% OPEN	NOT 100% CLOSED		NOT 100% OPEN	NOT 100% CLOSED
HV-1528A	ARROW J, SHT. 5	ARROW I, SHT. 5	AC653	NA	NA	Z629-N	D2721	D2845
HV-1528B			BC			33	22	46
HV-1528C			CC			31	23	47
HV-1519A			AC			29	15	33
HV-1519B			BC			33	16	34
HV-1519C			CC			31	17	35
HV-1510A			AC			29	09	21
HV-1510B			BC			33	10	22
HV-1510C			CC			31	11	23
HV-1545A			AC			29	24	48
HV-1545B			BC			33	25	49
HV-1545C			CC			31	26	50
HV-1568A			AC			29	18	36
HV-1568B			BC			33	19	37
HV-1568C			CC			31	20	38
HV-1543A			AC			29	12	24
HV-1543B			BC			33	13	25
HV-1543C			CC			31	14	26
HV-1502A	ARROW P, SHT. 7	ARROW N, SHT. 7	AC			29	03	09
HV-1502B			BC			33	04	10
HV-1502C			CC			31	05	11
HV-1502A2	ARROW Q, SHT. 7	ARROW O, SHT. 7	AC			29	06	12
HV-1502B2			BC			33	07	13
HV-1502C2			CC			31	08	14

FEEDWATER HEATER VALVE POSITION MONITORING

PRO APERTURE CARD.

NO.	DATE	REVISION	BY	CHKD	APP'D
1	11/12/77	DESIGN FREEZE ISSUE	DP	DP	
2	11/12/77	REVISED BAILEY INTERFACE AS NOTED	AM	AM	
3	11/12/77	REVISED AS NOTED	CB	CB	
4	11/12/77	REVISED AS NOTED	AS	AS	
5	11/12/77	REVISED AS NOTED	WH	WH	
6	11/12/77	ISSUED FOR CONSTRUCTION	CH	CH	

BECHTEL
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

LOGIC DIAGRAM
VENTS & DRAINS HEATERS 3, 4, 5 & 6

FEEDWATER HEATER VALVE POSITION MONITORING

100% P.S.E. & G.S. DRAWING NO. J-04-0 5

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S/J AF

RIDS

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