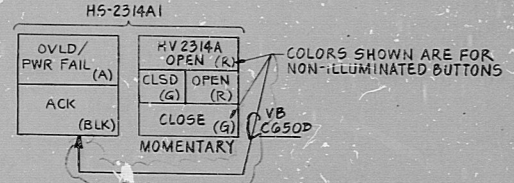


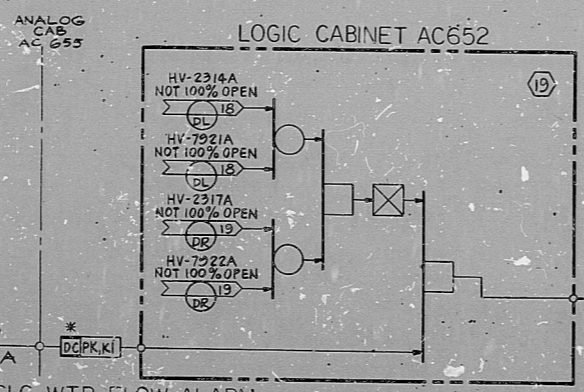
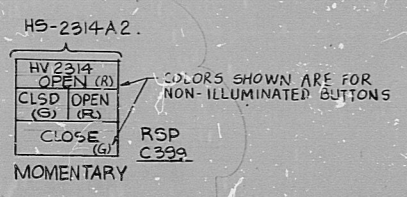
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HEAT EXCHANGER AE202 INLET VLV HV-2314A  
CLASS 1E CHANNEL A



CROSS REFERENCE TABLE

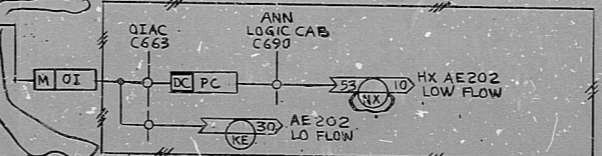
HEAT EXCHANGER	SERVICE	VALVE NO	HAND SW		LC	TC	MCC	CLASS 1E CHANNEL	CRT NO	RSP TRANSFER	
			CONT RM	RSP						NORMAL	EMER
AE202	LOOP A INLET	HV-2314A	H5-2314A 1	H5-2314A 2	AC652	AC657	Later	A	29	J103/GF/G	J103/RF/G
	LOOP A OUTLET	HV-7921A	H5-7921A 1	H5-7921A 2	AC652	AC657		A	29	/GG/G	/RG/G
BE202	LOOP B INLET	HV-2314B	H5-2314B 1	H5-2314B 2	BC652	BC657		B	30	/KA/7	/VA/7
	LOOP B OUTLET	HV-7921B	H5-7921B 1	H5-7921B 2	BC652	BC657		B	30	/KE/7	/VE/7



CROSS REFERENCE TABLE

HEAT EXCHANGER	LOW FLOW	ANALOG CAB	LOW FLOW ALARM J53/ARROW SHT.	LC	CRT NO	CLASS 1E CHANNEL	HV- ( ) NOT 100% OPEN
AE202	PD5L-2529A	AC655	J53/NX/10	AC652	19	A	HV-2314A HV-7921A HV-2317A HV-7922A
BE202	PD5L-2529B	BC655	J53/NX/10	BC652	20	B	HV-2314B HV-7921B HV-2317B HV-7922B

HEAT EXCHANGER AE202 CLG WTR FLOW ALARM  
CLASS 1E CHANNEL A



NO.	DATE	REVISIONS	BY	CHKD	DESIGN SUPV	CLASS	PROJ ENGR	APPR
1	4/6/78	DESIGN FREEZE ISSUE	JF	DP	DP	DP	DP	DP
2	9/3/81	REVISED SAFETY INTERFACE AND AS NOTED	SM	CK	CK	CK	CK	CK
3	9/11/81	INCORPORATED DCN #1	SI	SM	SM	SM	SM	SM
4	1/9/82	REVISED AND REDRAWN	SI	SM	SM	SM	SM	SM
5	2/16/77	ISSUED FOR CONSTRUCTION	SI	GN	ED			

**BECHTEL**  
SAN FRANCISCO

**PUBLIC SERVICE ELECTRIC AND GAS COMPANY**  
**HOPKINSON GENERATING STATION**

LOGIC DIAGRAM  
SAFETY AUXILIARIES COOLING  
FUEL POOL HX COOLING WATER VALVES

JOB No.	DRAWING No.	REV.
10855	J-11-0 SHT 18	4 Q

PRO APERTURE CARD

S/U-EG

RIDS

8307270386

