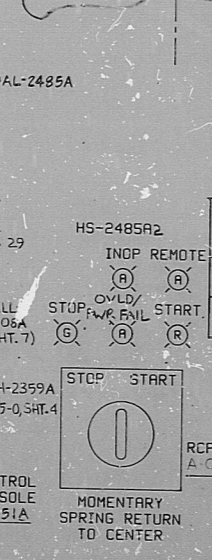


- NOTES:**
1. FOR TRIP LOGIC SEE SHT. 3 OF THIS DWG.
 2. POWER TO THE OUTPUT DRIVER CONTACTS IS SUPPLIED BY WIRE NO P3 AS SHOWN ON SHT. 3.
 3. SWITCH CONTACTS OPEN ON LOW FLOW.
 4. APPLICABLE TO CP210 ONLY.
 5. RESETS FOLLOWING COMPLETION OF SEQUENCING.

PRO APERTURE CARD

HS-2485R1	HS-2485R1
OVLDI PWR FAIL (R)	LOW FLOW (R)
INOP (R)	LOOP A ISOLATION MODE CHANGE (M)
REMOTE (R)	
MAN (R)	PROTECTIVE INTERLOCK IN TEST (A)
AUTO (Y)	LOW-LOW HEAD TANK LEVEL (A)
AP210 START (R)	A AND C PUMP RM FLOODED (A)
STOP (G)	CONTROL CONSOLE C651A
MOMENTARY	MOMENTARY



CROSS REFERENCE TABLE

SACS LOOP	PUMP NO.	CONTROL ROOM	REMOTE	FLOW SW	DIFF PRESS SW	SWGR NO	BRKR NO	RCP	TC	LOGIC CAB	CIRCUIT NO	CLASS	CHANNEL	DELETED	TACS VALVES	SEQUENCER START	PROCESS START INHIBIT (NOTE 5)	SACS HX COOLANT INLET VLV
A	AP210	HS-2485A	HS-2485A2	FSL-2544A	PDSL-2485A	A401	52-40104	A-C201	AC-657	AC-652	1	A	DELETED	HV-2522A HV-2436A	J-105-0 SHT. 4 ARROW AF	J-105-0 SHT. 4 ARROW LF	HV-2491A	
A	CP210	HS-2485C	HS-2485C2	FSL-2544C	PDSL-2485C	A403	52-40304	C-C201	CC-657	CC-652	3	C	DELETED	HV-2522C HV-2436C	J-105-0 SHT. 8 ARROW CF	J-105-0 SHT. 8 ARROW LF	HV-2474A	

ANALOG CAB	BUS PWR FAIL (NOTE 7 SHT 3)	A AND C PUMP RM FLOODED ALARM	LEVEL ALARM (SEE SHT 7)
AC655	J-105-0 SHT 2 CKT 1, ARROW WY	LAH-2359A	LALL-2508A
CC655	J-105-0 SHT 4 CKT 5, ARROW WD	LAH-2359B	LALL-2508C

4/1/72	DESIGN-FREEZE ISSUE	JF	DD	DD	DD	DD
3/2/72	REVISED BAILEY INTERFACE AND AS NOTED	JF	DD	DD	DD	DD
9/1/72	INC. DCN #1 & J-105-0, DCN #3	JF	DD	DD	DD	DD
1/5/73	REVISED AS NOTED	JF	DD	DD	DD	DD
5/16/77	ISSUED FOR CONSTRUCTION	JF	DD	DD	DD	DD

BECHTEL
SAN FRANCISCO

SUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

LOGIC DIAGRAM
SAFETY AUXILIARIES COOLING
SACS PUMPS AP210 & CP210 START

JOB No.	DRAWING No.	REV.
10855	J-11-0	SHT 2 4 Q

S/U - EG

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RIDS

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