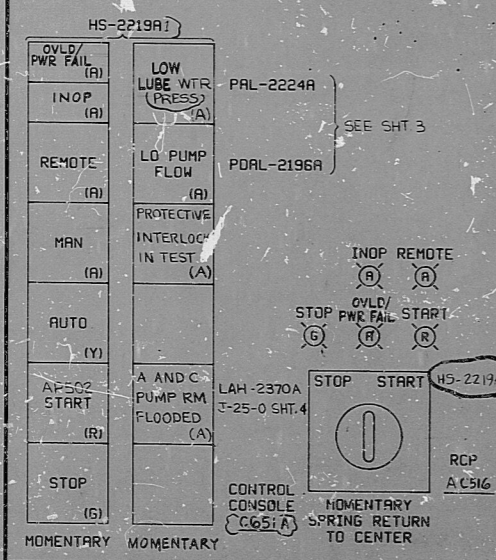


- NOTES:**
1. FOR SSWS PUMP AP502 STOP LOGIC, SEE SHT. 3 OF THIS DWG.
  2. POWER TO THE OUTPUT DRIVER CONTACTS FOR THE BRKR CLOSE CIRCUIT IS SUPPLIED BY WIRE NO. P3 SHOWN ON SHT 3
  3. CONTACTS OPEN ON CONDITION STATED
  4. DELETED
  5. APPLICABLE TO CP502 ONLY.
  6. RESETS FOLLOWING COMPLETION OF SEQUENCING.

This drawing and the design it covers are the property of BECHTEL. They are hereby loaned and on the borrower's express agreement that they will not be reproduced, copied, loaned, exhibited, nor used except in the limited way and under the conditions permitted by the lender to the borrower.



SEQUENCER PNL	CHLORINATION DIFFUSER VALVES	ALARM DEVICE IN TEST POSITION	COMP. ID NUMBER	COMP. I/O CAB.	LVL 2/RB HI RAD/ RFLG FLR HI ZAD	LD PUMP FLOW ALARM	LOW LUBE WTR PRESS. ALARM	SSWS PUMP LOW FLOW INTAKE STRUCTURE SHT FAN INTLK	PMS POWER FAIL	A AND C PUMP RM FLOODED
AC42B	HV-7817A	PDSL-2195A	D4847	D3951	J-102-0, SHT 7, CKT. 1, ARROW XH	PDAL-2196A	PAL-2224A	XPDSL-2195A, 2196A	LAH-2370A	LAH-2370B
CC42B	HV-7817C	PDSL-2195C	D3975	D3976	J-102-0, SHT 4, CKT. 3, ARROW XL	PDAL-2196C	PAL-2224C	XPDSL-2195C, 2196C	LAH-2370A	LAH-2370B

LOOP	SSWS PUMP	CONTROL SW	DIFF PRESS SW	PROCESS START INHIBIT (NOTE 6)	SEQUENCER START	LOGIC CAB	TC	RCP	CC	SWGR NO.	BRKR NO.	CLASS 1E CHANNEL NO.	CIRCUIT NO.	LOW LUBE WTR PRESS. RPTR RELAY	PUMP DISCH. V.	SACS HX OUTLET VLV	SACS LOOP B FLOW SW.
A	AP502	HS-2219A1	HS-2219A2	XPDSL-2195A, 2196A	J-105-0 SHT 2 CKT 1 ARROW A J-105-0 SHT 7 CKT 15 ARROW DR	AC652 DC652	AC657 DC658	AC651 DC652	CC651 DC652	A40	52-40109	1	1	XPDSL-2224A	HV2198A, HV2311A	FSL-2544A	
	CP502	HS-2219C1	HS-2219C2	XPDSL-2195C, 2196C	J-105-0 SHT 4 CKT 5 ARROW BN J-105-0 SHT 9 CKT 32 ARROW EN	CC652 DC653	CC651 DC658	CC651 DC652	CC651 DC652	A403	52-40309	3	3	XPDSL-2224C	HV2198C, HV2355A	FSL-2544C	

NO.	DATE	REVISIONS	BY	CHKD	DESIGN	ENGR	PRGR	APPR
1	4/7/72	DESIGN FREEZE ISSUE	JF	JK	JK	JK	JK	JK
2	2/15/76	REVISED BAILEY INTERFACE AND AS NOTED	AM	CC	JK	JK	JK	JK
3	1/11/77	INCORPORATED J-102-0, DCN 3	JK	JK	JK	JK	JK	JK
4	8/29/77	REVISED AS NOTED	JK	JK	JK	JK	JK	JK
5	4/1/78	REVISED AS NOTED	JK	JK	JK	JK	JK	JK
6	4/1/78	REVISED AS NOTED	JK	JK	JK	JK	JK	JK
7	3/19/78	REVISED AS NOTED	JK	JK	JK	JK	JK	JK
8	1/13/79	ISSUED FOR CONSTRUCTION	JK	JK	JK	JK	JK	JK

**BECHTEL**  
SAN FRANCISCO

**PUBLIC SERVICE ELECTRIC AND GAS COMPANY**  
**HOPE CREEK GENERATING STATION**

**LOGIC DIAGRAM**  
**STATION SERVICE WATER SYSTEM**  
**SSWS PUMPS AP502 & CP502 START**

JOB NO. 10855    DRAWING NO. J-10-0 SHT 2    REV. 7

S/U - EA

RIDS

8307250612

