



- NOTES:**
1. FOR START LOGIC AND CROSS REFERENCE TABLE SEE SHT 4 OF THIS DRAWING.
 2. FOR CONTROL SW LAYOUT SEE SHT. 4 OF THIS DRAWING.
 3. A DUMMY CP INPUT GENERATED ON THE LOGIC CARD SHALL BE PROVIDED TO THE MOTOR MD TO PREVENT A FALSE ALARM.
 4. TWO INPUTS ARE PROVIDED FOR WIRE NUMBER F3. THE RETURN OF ONE INPUT IS CONNECTED TO WIRE NUMBER N1 TO MONITOR CIRCUIT BREAKER OPERABILITY WHEN TRIPPED. THE RETURN OF THE OTHER INPUT IS CONNECTED TO WIRE NUMBER 2 TO MONITOR CIRCUIT BREAKER OPERABILITY AND TRIP COIL CONTINUITY WHEN CLOSED. THE "AND" GATE IDENTIFIED BY AN * IS FORMED BY THE LATTER CONNECTION AND IS NOT PART OF THE SOLID STATE LOGIC.
 5. POWER TO THE OUTPUT DRIVER CONTACTS FOR THE TRIP CIRCUIT IS SUPPLIED BY WIRE NUMBER F3.
 6. CURRENT RATING 0.04 AMP.
 7. RESETS FOLLOWING RESTORATION OF BUS POWER.
 8. SEE SHT.4 FOR PICTORIAL OF SWITCH# LIGHTS.

1/27/72	REVISED AS NOTED	JF	BD	BS	WEL	K
1/1/72	DESIGN FREEZE ISSUE	JF	BD	BS	WEL	K
7/23/71	REVISED BAILEY INTERFACE AND AS NOTED	JF	BD	BS	WEL	K
9/17/71	INC. DCN #1	JF	BD	BS	WEL	K
1/9/72	REVISED AS NOTED	JF	BD	BS	WEL	K
5/6/77	ISSUED FOR CONSTRUCTION	JF	BD	BS	WEL	K

BECHTEL
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

LOGIC DIAGRAM
SAFETY AUXILIARIES COOLING
SACS PUMPS BP210 & DP210 STOP

JOB No.	DRAWING No.	REV.
10855	J-11-0 SHT 5	5 Q

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 private use permitted by any written consent given by the lender to the borrower.

SACS PUMP BP210 STOP
CLASS 1E CHANNEL B

S/U- EG

22"
11"
11"
8.5"
11"
17"
22"

22"
11"
11"
8.5"
11"
17"
22"

RIDS

8307270358

