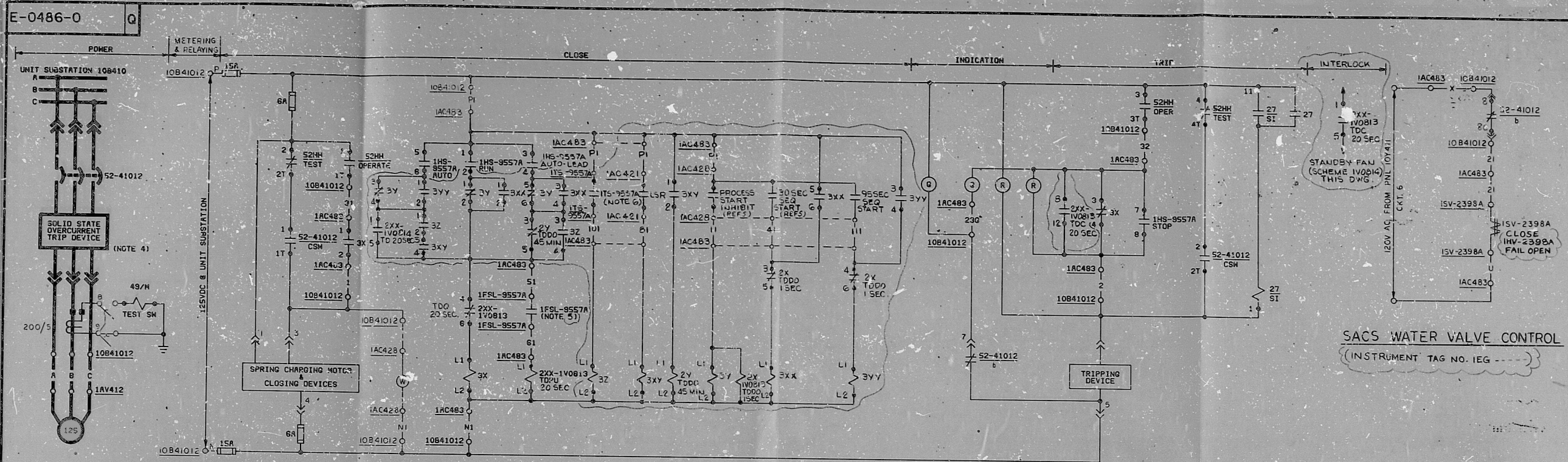
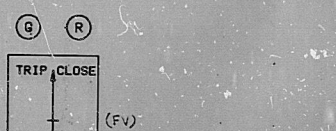




DIESEL GEN RM RECIRC FAN IAV412
SCHEME NO. 1V0813 S/U-GM (INSTRUMENT TAG NO. IGM ---)
CLASS IE CHANNEL A



CONTACT (HANDLE END)	POSITION			
	CLOSE	NORMAL	AFTER	TRIP
1-2	X			
2-3		X		
3-4			X	
4-5				X

CONTROL SWITCH 52-41012 109410
O.E. TYPE SPK - SPRING RETURN TO NORMAL

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	INTERLOCK FAN 1V412	1V0814	THIS DWG
2-3	SPARE		
3-4	CLOSE	1V0813	THIS DWG
4-5	SPARE		
5-6	ALARM	1V0813	THIS DWG
6-7	TRIP	1V0813	THIS DWG
7-8	SPARE		

CONTROL SWITCH 1V5-9557A 1AC483
MAINTAINED CONTACTS - MICROSWITCH TYPE PT

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	CLOSE	1V0813	THIS DWG
2-3	TRIP	1V0813	THIS DWG
3-4	COIL	1V0813	THIS DWG

O.E. TYPE CR120 B 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	INTERLOCK FAN 1V412	1V0814	THIS DWG
2-3	SPARE		
3-4	CLOSE	1V0813	THIS DWG
4-5	SPARE		
5-6	ALARM	1V0813	THIS DWG
6-7	TRIP	1V0813	THIS DWG
7-8	SPARE		

AGASTAT 7000 SERIES 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	ENERG RELAY 2Y	1V0813	THIS DWG
2-3	SPARE		
3-4	COIL	1V0813	THIS DWG

O.E. TYPE CR120 B 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	AUTO CLOSE	1V0813	THIS DWG
2-3	AUTO LEAD	1V0813	THIS DWG
3-4	COIL	1V0813	THIS DWG

O.E. TYPE CR120 B 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	SPARE		
2-3	AUTO LEAD	1V0813	THIS DWG
3-4	SPARE		
4-5	COIL	1V0813	THIS DWG

AGASTAT 7000 SERIES 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	AUTO CLOSE	1V0813	THIS DWG
2-3	AUTO LEAD	1V0813	THIS DWG
3-4	COIL	1V0813	THIS DWG

O.E. TYPE CR120 B 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	SPARE		
2-3	AUTO LEAD	1V0813	THIS DWG
3-4	SPARE		
4-5	COIL	1V0813	THIS DWG

AGASTAT 7000 SERIES 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	AUTO CLOSE	1V0813	THIS DWG
2-3	AUTO LEAD	1V0813	THIS DWG
3-4	COIL	1V0813	THIS DWG

O.E. TYPE CR120 B 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	SPARE		
2-3	AUTO LEAD	1V0813	THIS DWG
3-4	SPARE		
4-5	COIL	1V0813	THIS DWG

AGASTAT 7000 SERIES 1AC483

CONTACT	FUNCTION	SCHEME NO.	DWG NO.
1-2	AUTO CLOSE	1V0813	THIS DWG
2-3	AUTO LEAD	1V0813	THIS DWG
3-4	COIL	1V0813	THIS DWG

O.E. TYPE CR120 B 1AC483

- NOTES:
- VENDOR SHALL PROVIDE SUITABLE ISOLATION DEVICE BETWEEN CLASS IE INPUT & NON CLASS IE OUTPUT SIGNAL.
 - 52HH - BREAKER POSITION SWITCH CONTACT CLOSED WHEN BREAKER IS IN TEST POSITION.
 - 52HH - BREAKER POSITION SWITCH CONTACT CLOSED WHEN BREAKER IS IN OPERATING POSITION.
 - THE SOLID STATE OVERCURRENT TRIP DEVICE HAS LONG TIME DELAY INSTANTANEOUS AND GROUND FAULT TRIP SETTING.
 - CONTACT CLOSURES AT LOW AIR FLOW.
 - TEMP SWITCH - SPOT CLOSURES AT PRESET HIGH TEMP.

- REFERENCE DRAWINGS:
- LOGIC DIAGRAM H-105-010, SH 5 & 7.
 - CLASS IE PANEL SCHEDULE DWG. 0955-E-1405-01(Q).
 - 52HH LINE METER & RELAY DIAGRAM DWG. E-0018-1(Q), SH 1 & 2.
 - GE UNIT SUB DWG. 10855-E-117(0)-43-(2) (10).
 - LOGIC DIAGRAM J-105-0, SH 5.

NO.	DATE	DESIGNED	SC. MALIK	DRAWN	BY	CHECK	DESIGN	ENGR	PROJ	APPR
1	10/1/85									

BECHTEL
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

ELECTRICAL SCHEMATIC DIAGRAM
DIESEL GEN RM RECIRC SYSTEM FANS

JOB NO.	DRAWING NO.	REV.	Q
10855	E-0486-0	3	Q

RIDS

8308100653

