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Signed D. YUNZAL Date 6-28-83 Camera Type MRG1

Camera Operator

16X

PRC APERTURE CARD

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HV-11346	HS-11346	ZS-11346	ICB-216B	E-197, SH 15	II	HS-15768A
HV-11345	HS-11346	ZS-11345	ICB-216B	E-197, SH 14	II	HS-15768A
HV-11344	HS-11344	ZS-11344	ICB-216A	E-197, SH 3	I	HS-15766A
HV-11343	HS-11344	ZS-11343	ICB-216A	E-197, SH 4	I	HS-15766A
HAND VALVE	HAND SWITCH	POSITION SWITCH	COMPONENT BOX	ELECT. DWG.	SRC DIVISION	SELECTOR SWITCH
NOTE 1						NOTE 4

HV-11313 100% OPEN ZS-11313
HV-11313 100% CLOSED ZS-11313
ICB-216A
HV-11314 100% OPEN ZS-11314
HV-11314 100% CLOSED ZS-11314
ICB-68A

HIGH OPENING TORQUE HV-11314
VALVE 100% CLOSED ZS-11314
VALVE 100% OPEN ZS-11314
ISOLATION SIGNAL NOT
MOTOR OVERLOAD
SS TEST HS-15766A(OC #2)
MOTOR STOP
MOTOR RUN IN CLOSED DIRECTION HV-11314
MOTOR RUN IN OPEN DIRECTION HV-11314
PB "OPEN" (MOM) HS-11314

VALVE 100% CLOSED ZS-11313
ISOLATION SIGNAL NOT
VALVE 100% OPEN ZS-11313
HIGH CLOSING TORQUE HV-11313
PB "CLOSE" (MOM) HS-11313

MOMENTARY PB CONTACTS

	OPEN	CLOSE
IC-68B		
HS-11314		

HV-11313
(LAMPS ONLY)
ICB-216A

UNCONTROLLED DOCUMENT FOR REFERENCE ONLY

NOTES:
1. ALL EQUIPMENT POWER FROM SRC.
2. ISOLATION SIGNAL FROM DC POWERED SOLATION SYSTEM, J-4193, SH 15 FAIL SAFE LOGIC. REFER DIAGRAM J-141 SH 2.
3. LOSS OF CONTROL POWER SEE BTS LOGIC ON THIS DRAWING.
4. HS-15766A & HS-15768A ARE SHOWN ON J-157, SH 4.

REFERENCE DWGS.	
BECHTEL NO.	PL NO.
M-113	E-106218
8856-M1-821-92(1)	
SH3 REV 7 E-197 SH 4 REV 11 SH14 REV 11 SH15 REV 9	D-102296
J499 SH15	D-103777
J157 SH4	B-103447
J-141 SH. 2	B-117253

4	6/83	BS-BULT. PWR. DWG. 4L			
3	5/83	REVISED AS NOTED			
2	3/83	REVISED AS NOTED			
1	1/83	REV. PER SCP-52 375(Sht. 3)			
NO.	DATE	REVISION	BY	CHKD	APP'D

PENNSYLVANIA POWER & LIGHT COMPANY
SUSQUEHANNA STEAM ELECTRIC STATION — UNIT 1 & 2
ALLENTOWN, PENNSYLVANIA
BECHTEL — SAN FRANCISCO

LOGIC DIAGRAM
RB CLOSED COOLING WATER CONTAIN. ISOLATION VALVES

JOB NO.	8856	DRAWING NO.	J-113 SH 4	REV.	9

B-103403 S/H 4

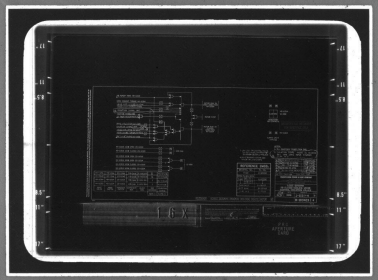
11 x 22

LOGIC DIAGRAM REARC BLOGG CLGG WTR

G/JJ40

RIDs

8309200438



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