

Block No.	Contact No.	Position	Drawing No.
HX SHELL SIDE BYPASS VALVE F048B	10-1-02	F X	THIS SH
	30-0-04	B	THIS SH
CLOSE AUTO OPEN	50-1-04	F X	SPARE
	70-0-08	B	SPARE

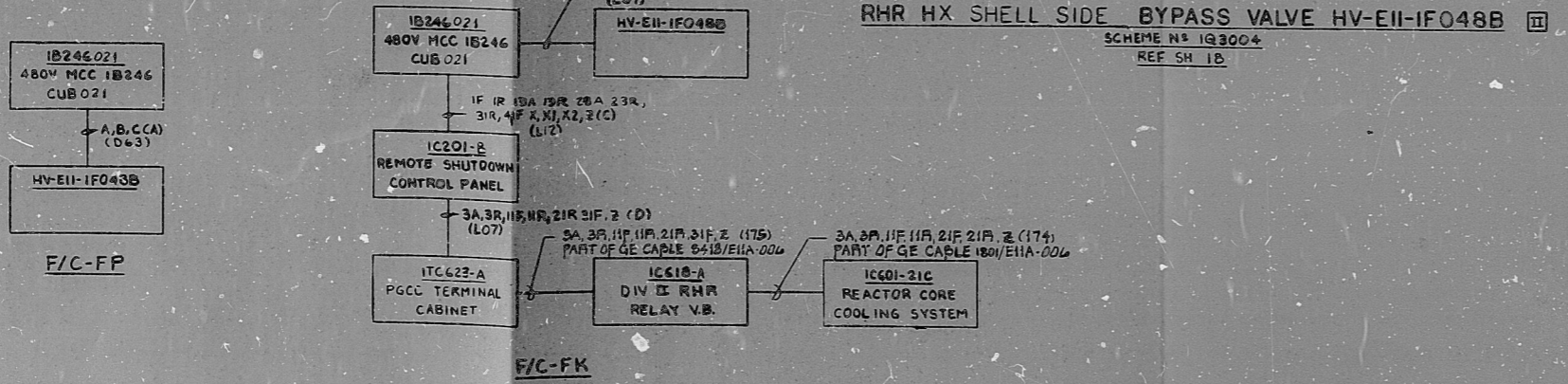
CONTROL SWITCH NS-15148B1
GENERAL ELECTRIC TYPE C23140
SPRING RETURN TO AUTO

VALVE LIMIT SWITCH DEVELOPMENT				
CONTACTS	100% OPEN	INTERMEDIATE	100% CLOSED	CONTACT USED
IS-1	10-1-02			SPARE
IS-2	30-1-04			SPARE
IS-3	30-1-06			THIS SH
IS-4	70-1-08			THIS SH
IS-5	30-1-10			SPARE
IS-6	110-1-12			SPARE
IS-7	150-1-14			THIS SH
IS-8	150-1-16			THIS SH
IS-9	170-1-18			SPARE
IS-10	190-1-20			
IS-11	210-1-22			
IS-12	230-1-24			
IS-13	250-1-26			
IS-14	270-1-28			
IS-15	290-1-30			
IS-16	310-1-32			
TS-17	33-0-24	OPEN ON HIGH CLOSING TORQUE		THIS SH
TS-18	35-0-26	OPEN ON HIGH OPENING TORQUE		SPARE

CONTACT CLOSED

- NOTES:
- ALL DEVICE NOS. TO BE SUPPLIED BY STARTER LOCATION NO. UNLESS NOTED OTHERWISE.
 - FOR STANDARD SYMBOLS FOR ELECTRICAL DIAGRAMS SEE DWG E-42.
 - FOR SWITCH DEVELOPMENT OF REMOTE SHUTDOWN PANEL (IC201) SWITCHES SEE DWG E-143, SH 2 & 3.
 - NO IN PARENTHESIS APPEARING ON SCHEMATIC DIAGRAM ARE GE DEVICE NO.
 - DESIGN BASED ON GE ELEMENTARY 791E 410AE (V/P 8896-MI-EII-29(10)).

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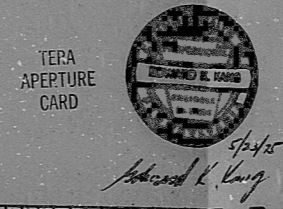
RHR HX SHELL SIDE BYPASS VALVE HV-EII-1F048B
SCHEME NO. 103004
REF SH 10

REVISION NO.	PL. NO.
E-42	A-107191
E-143	A-107299
MI-EII-29	FF124910
E-185	D107334

DATE	REVISION	BY	CHKD	APP'D
1/17/60	ADDED TERMINAL NOS.	B.V.		
10/1/77	ADDED TERM. NOS. REMOTE SHUT-DOWN PANEL INFO AS NOTED	W.F.		
1/1/78	REVISED AS PER APED ELEM	W.F.		
1/1/78	ISSUED FOR CONSTRUCTION	W.F.		

DRAWN BY: V. SCHEMBRI
CHECKED BY: R. PONG
PENNSYLVANIA POWER & LIGHT COMPANY
ALLIANT ENERGY SERVICES
Schenectady Steam Blasting Station - UNIT 7, UNIT 8
Schenectady - SAN FRANCISCO

SCHEMATIC DIAGRAM RHR HEAT EXCHANGE BYPASS VALVE UNIT 1		
DWG NO.	DRAWING SA.	REV.
8856	E-153 SH 9	3
D-107302 SH 9		810381079



611157 SCHEM HX BYPASS VALVE

MO. # 8103310532

RIDS-RDR

8103310539

