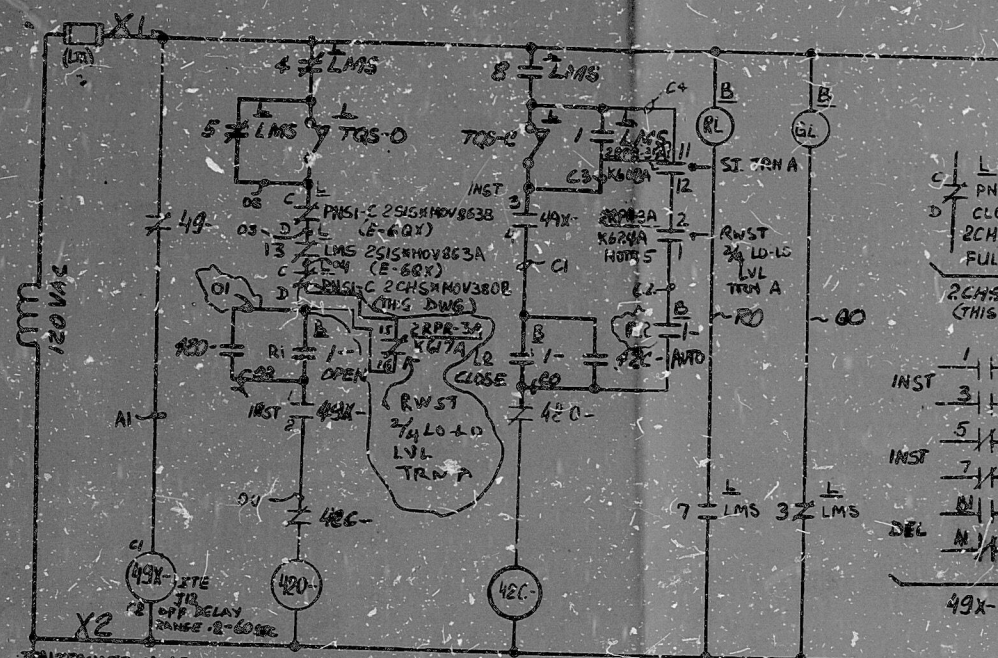
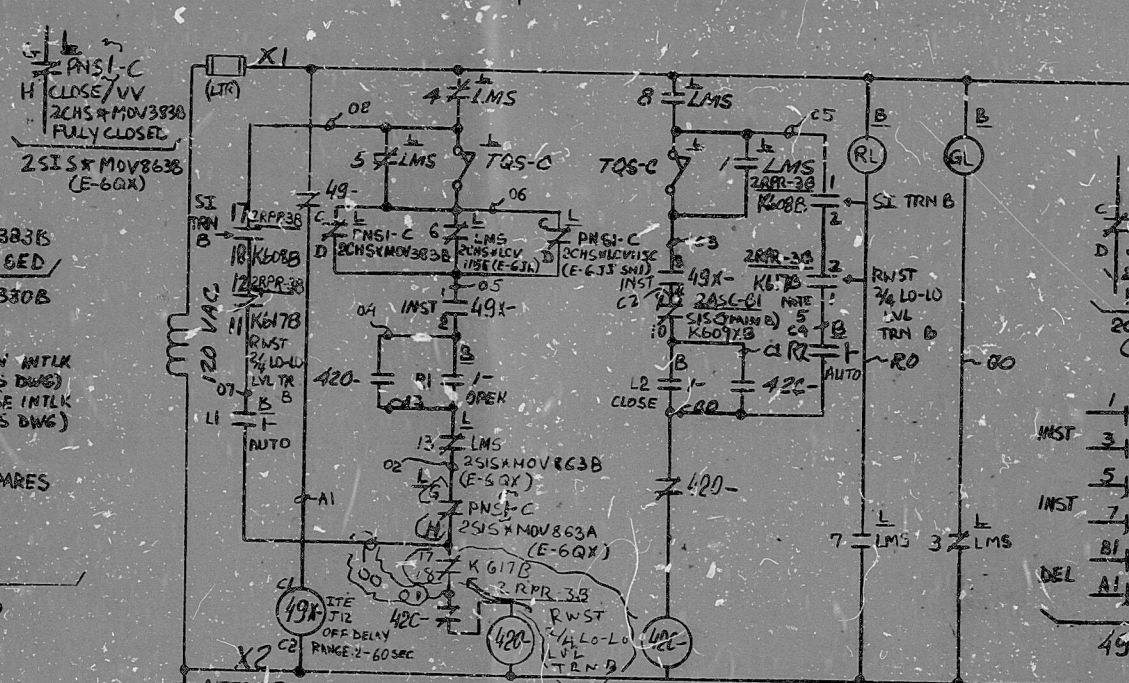


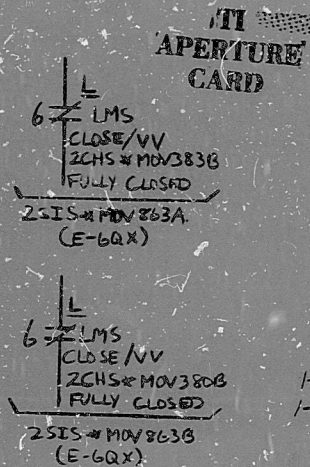


ALTERNATE MINIFLOW ISOLATION VALVE 2CHS #MOV383A(0) CKT CHSCQ
COLOR ORANGE (FROM MCC#2-ED3) (8111A)



ALTERNATE MINIFLOW ISOLATION VALVE 2CHS #MOV383B(0) CKT CHSDP
COLOR PURPLE (FROM MCC#2-ED4) (8110B)

TYPICAL LIMIT SWITCH CONTACT DEVELOPMENT				
LIMIT SWITCH	VALVE POSITION		FUNCTIONS	REF
	OPEN	CLOSE		
1			RY-PASS	
2			SPARE	
3			GREEN LIGHT	
4			OPEN LIMIT	
5			BY-PASS	
6			2SIS #MOV863A	(E-6QX)
7			RED LIGHT	
8			CLOSE LIMIT	
9			SPARE	
10			SPARE	
11			SIG. TO CONTROL SYSTEM	(SHD. SHI)
12			SPARE	
13			SPARE	
14			SPARE	
15			SPARE	
16			SPARE	



- REFER WEST DWG 7247D75 SH 20
SEE DWG NO 8001 406-001-080
- FOR LOCATION REFERENCE SEE E-28
- MOTOR OVERLOAD IS BYPASSED IN THE SAFE DIRECTION DURING ACCIDENT CONDITIONS ONLY. MANUAL OVERRIDE OF OVERLOAD UNDER ANY CONDITION IS NOT PROVIDED.
- FOR STEAM MTD POSITION SH SEE DET. DE, E-3M

- NOTES:
- ALL EQUIPMENT LOCATED AT RESPECTIVE MCC EXCEPT AS NOTED
 - APPLICABLE LOGIC DIAGRAM - LSK#3-46
 - CKT NO. TO PRECEED WIRE NO.
 - TORQUE SWITCHES TQS-O & TQS-C STOP MOTOR IF MECHANICAL OVERLOAD OCCURS DURING OPENING OR CLOSING CYCLE TEST.

NUCLEAR SAFETY RELATED

8405180121

ELEMENTARY DIAGRAM - 480V MCC CKT
ALTERNATE MINIFLOW ISOLATION VALVES
BEAVER VALLEY POWER STATION - UNIT 2
DUQUESNE LIGHT COMPANY

FROM A WHEATON ENGINEERING CORPORATION
12241-E-6QX SHD

7	6	5	4	3	2	1

PDR RIDS

8405180121

