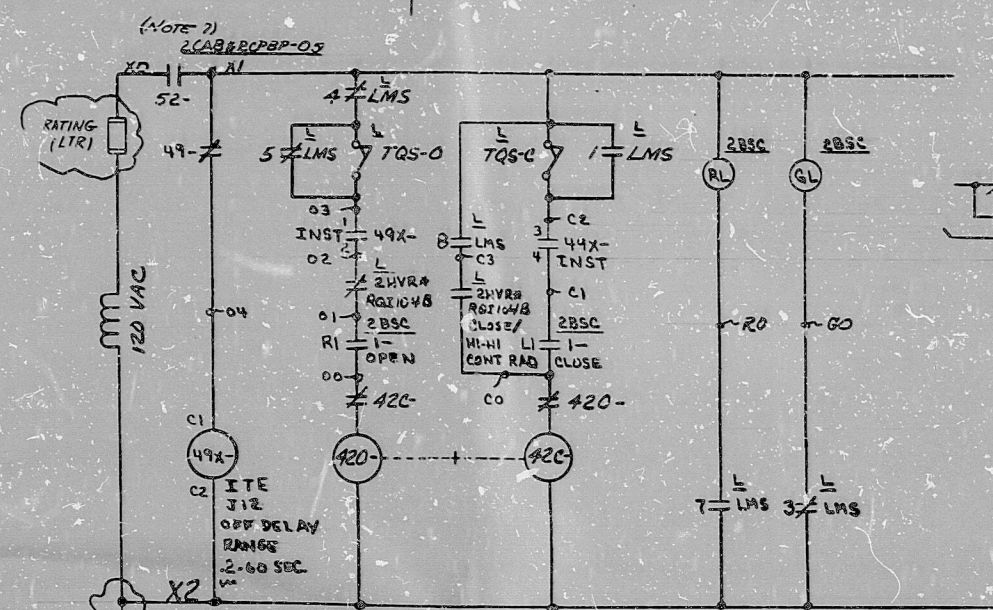
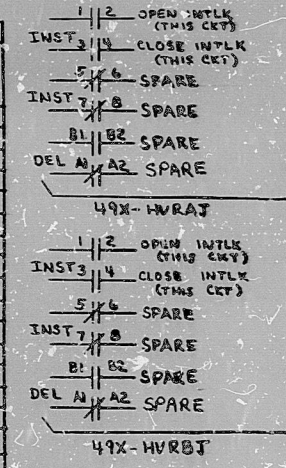


CONTAINMENT ISOLATION PURGE SUPPLY DAMPER VALVE 2HVR\*MOD 25A(-)  
 CKT. NO. HVRAT (ORANGE) (MCC#2-E13) MASTER

R O T O R	TYPICAL LIMIT SWITCH CONTACT DEVELOPMENT				FUNCTIONS	REF
	LMS CONTACT	VALVE POSITION		FULL CLOSE		
		A	B			
1	1				BY-PASS	
	2				SPARE	
	3				GREEN LIGHT	
	4				OPEN LIMIT	
	5				BY-PASS	
2	6				SPARE	
	7				RED LIGHT	
	8				CLOSE LIMIT	
	9				SPARE - FIELD TO ADJUST AS REQUIRED	
3	10					
	11					
	12					
	13					
4	14					
	15					
	16					



CONTAINMENT ISOLATION PURGE SUPPLY DAMPER VALVE 2HVR\*MOD 25B(-)  
 CKT. NO. HVRBT (PURPLE) (MCC#2-E14) MASTER

- 5. FOR LOCATION REFERENCE SEE E-28
- 6. MOTOR OVERLOAD IS BYPASSED IN THE SAFE DIRECTION DURING ACCIDENT CONDITIONS ONLY. MANUAL OVERRIDE OF OVERLOAD UNDER ANY CONDITION IS NOT PROVIDED.
- 7. OPENS WHEN SECONDARY BREAKER TRIPS TO REMOVE CONTROL POWER. INDICATING LIGHTS WILL BE EXTINGUISHED.

CONT  
 05-DET DWG SPARES  
 1-HVRAT "R" E-3B L2, R2  
 1-HVRBT "R" E-3B L2, R2

- NOTES:
- 1. ALL EQUIPMENT LOCATED AT RESPECTIVE MCC EXCEPT AS NOTED
  - 2. APPLICABLE LOGIC DIAGRAM - KSK-21-19
  - 3. CKT NO. TO PRECEED WIRE NO
  - 4. TORQUE SWITCHES TQS-O & TQS-C STOP MOTOR IF MECHANICAL OVERLOAD OCCURS DURING OPENING OR CLOSING CYCLE. TEST, EXCEPT UNDER ACCIDENT CONDITIONS WHEN THE VALVE WILL ATTEMPT TO GO TOWARDS THE SAFE DIRECTION.

**NUCLEAR SAFETY RELATED**

ELEMENTARY DIAGRAM - 800V MCC CKT  
 CONTAINMENT PURGE SYSTEM  
 BEAVER VALLEY POWER STATION - UNIT 2  
 DUQUESNE LIGHT COMPANY  
 STONE & WEBSTER ENGINEERING CORPORATION  
 12241-E-CUB SH.1

7	6	5							
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TY APERTURE CARD



**PDR RIDS**

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