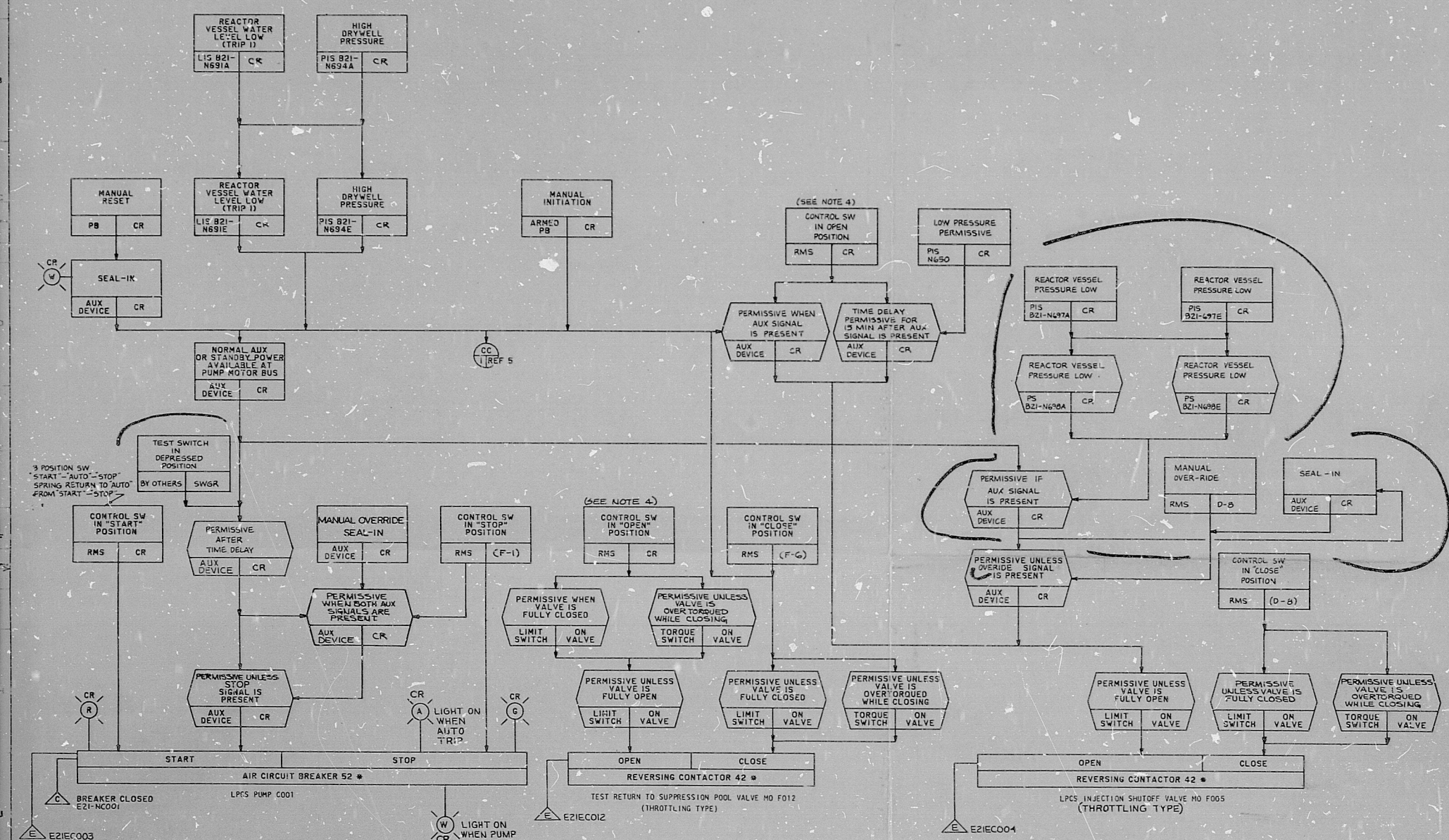


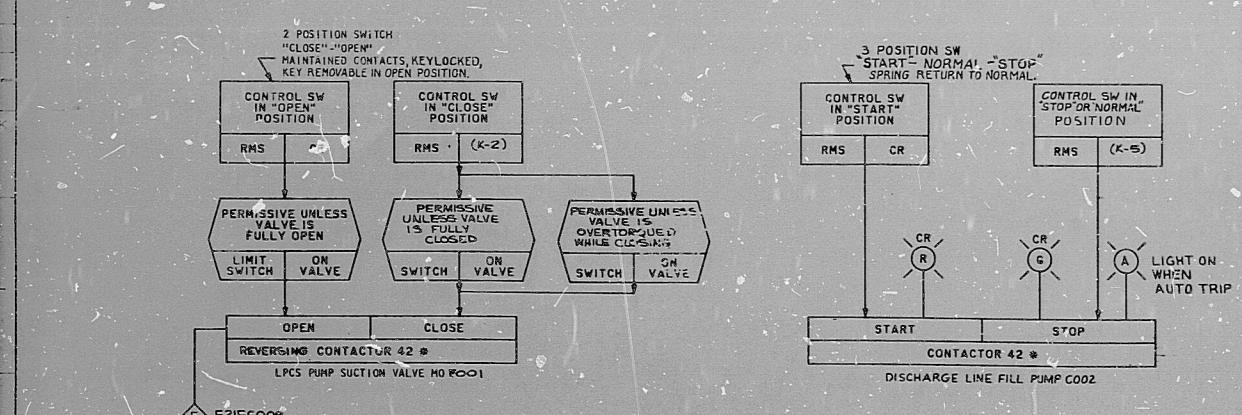
"NUCLEAR SAFETY RELATED"



- NOTES:
1. PUMP MOTOR SHALL BE PROTECTED WITH OVERLOAD PROTECTION. PROTECTION RELAYS ARE TO BE APPLIED SO AS TO MAINTAIN POWER ON THE MOTOR AS LONG AS POSSIBLE WITHOUT IMMEDIATE DAMAGE TO EMERGENCY SYSTEM.
  2. VALVE MOTORS ARE TO BE PROVIDED WITH THERMAL OVERLOAD TRIPS AND ANNUNCIATION. OVERLOAD TRIPS TO BE BYPASSED UNLESS VALVE UNDER TEST. IN ADDITION, VALVE MOTOR CIRCUITS ARE TO BE PROVIDED WITH SHORT CIRCUIT CURRENT PROTECTIVE TRIPS.
  3. FOR ADDITIONAL PROCESS INSTRUMENTATION NOT SHOWN, SEE REF. 1.
  4. UNLESS OTHERWISE NOTED, ALL RMS SHALL BE 3 POSITION SWITCHES, "CLOSE", "AUTO", "OPEN", SPRING RETURN TO "AUTO" FROM "CLOSE" OR "OPEN".
  5. CONTROL AND MOTIVE POWER FOR LPCS SHALL BE FROM SAME SOURCE AS THE RHR LOOP "A" EQUIPMENT (REF. 5).
  6. THE LPCS SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH IEEE 279-1971 AND REF. 7.

- REFERENCE DOCUMENTS
- | NO. | DESCRIPTION   | MPL ITEM NO. |
|-----|---|--------------|
| 1.  | LOW PRESSURE CORE SPRAY SYSTEM P&ID                   | E21-1010     |
| 2.  | REACTOR CORE ISLAND CLOSURE SYSTEM P&ID               | E21-1010     |
| 3.  | NUCLEAR BOILER SYSTEM P&ID                            | E21-1010     |
| 4.  | RESIDUAL HEAT REMOVAL SYSTEM P&ID                     | E12-1030     |
| 5.  | RESIDUAL HEAT REMOVAL SYSTEM P&ID                     | E12-1030     |
| 6.  | NUCLEAR BOILER SYSTEM P&ID                            | E21-1030     |
| 7.  | ELECTRICAL EQUIPMENT SEPARATION FOR SAFEGUARD SYSTEMS | E21-1030     |
| 8.  | LEAK DETECTION SYS (LED)                              | E21-1030     |
| 9.  | ERIS (ELEM DIAG)                                      | C95-1050     |

LEGEND:  
 \* - SWITCHGEAR DEVICE FUNCTION NO. ANSI SPEC. C37.2  
 IEEE - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEER.  
 E - EMERGENCY RESPONSE INFORMATION SYSTEM  
 C - COMPUTER INPUT (SEE REF. 5)



TI  
 APERTURE  
 CARD

NO.	DATE	BY	CHK BY	DESCRIPTION
5	JUL 13 1979	W. J. ROJAS	W. J. ROJAS	REVISED FOR RIVERBEND 1,2
4	JUN 25 1979	W. J. ROJAS	W. J. ROJAS	REVISED FOR RIVERBEND 1,2
3	MAY 22 1979	W. J. ROJAS	W. J. ROJAS	REVISED FOR RIVERBEND 1,2
2	MAY 22 1979	W. J. ROJAS	W. J. ROJAS	REVISED FOR RIVERBEND 1,2
1	MAY 22 1979	W. J. ROJAS	W. J. ROJAS	REVISED FOR RIVERBEND 1,2

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PDR RIDS

