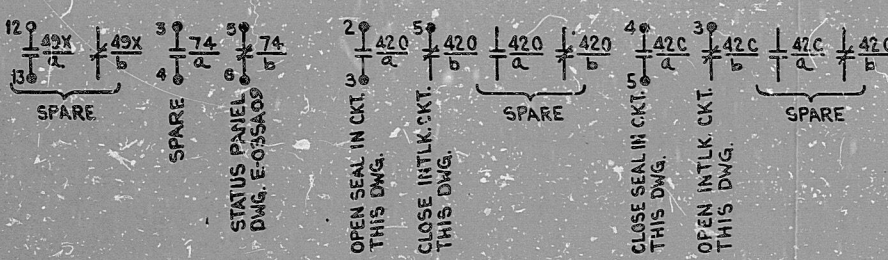
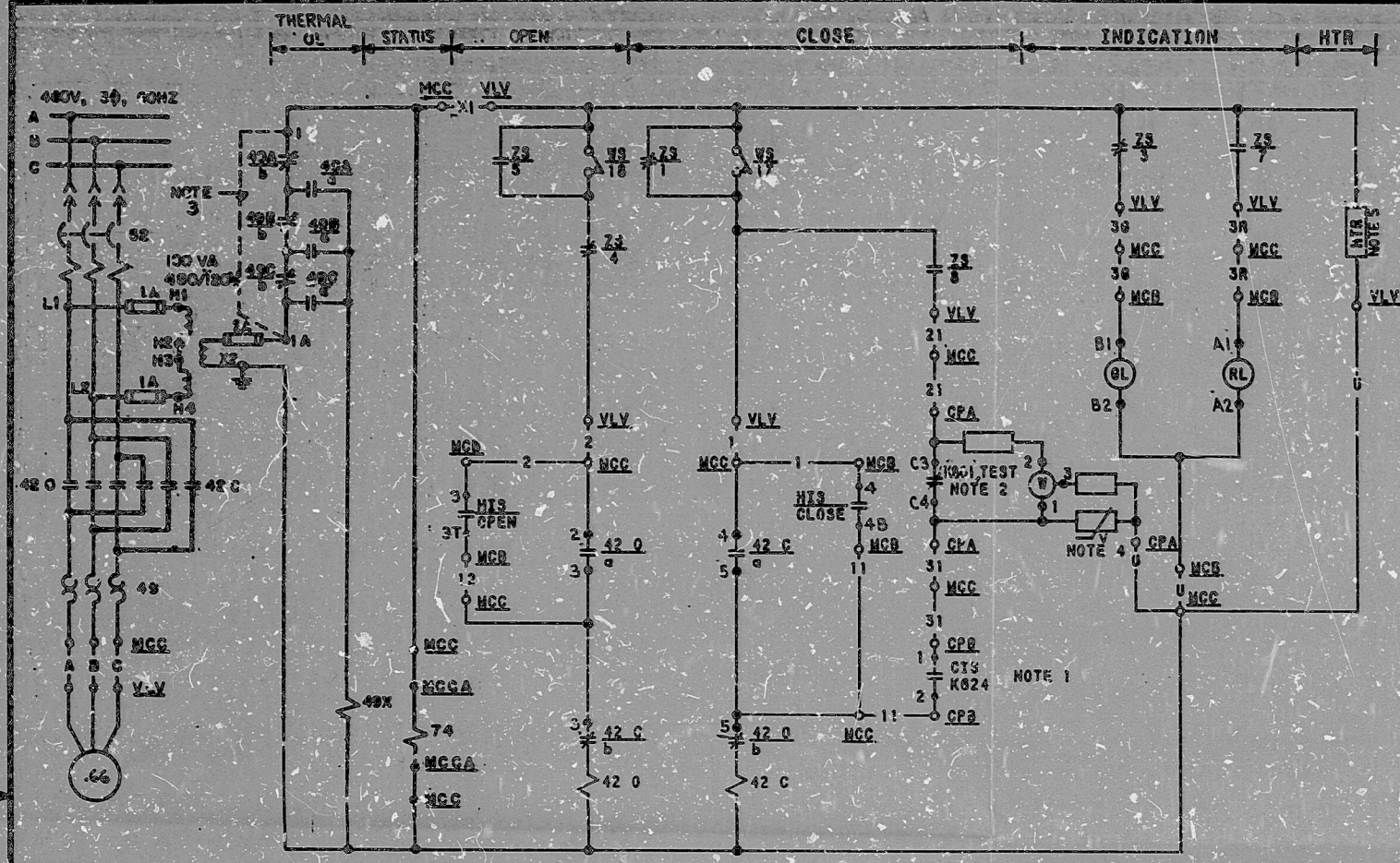


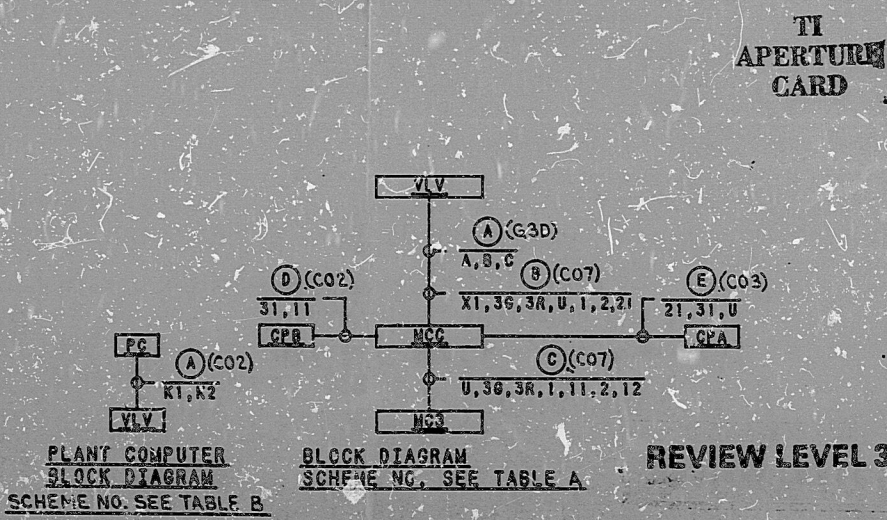
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| TABLE B                              |            |
|--------------------------------------|------------|
| COMPUTER REF. DWG. BECHTEL V. P. NO. | J-108-0115 |
| COMPUTER POINT                       | 8028100    |
| VALVE LOCATION-VLV                   | 80HV8100   |
| COMPUTER LOCATION-PC                 | R7160A     |
| COMPUTER SCHEME NO.                  | 48024A     |

| TABLE A           |          |
|-------------------|----------|
| MCC LOC.-MCCA     | NG02BFRI |
| CONTROL PANEL-CPB | 33032C   |
| CONTROL PANEL-CPA | 75033A   |
| HIS NUMBER        | 80HV8100 |
| MCC LOCATION-MCC  | H002BCRI |
| HIS LOCATION-MCB  | RL001    |
| VALVE NO.-VLV     | 80HV8100 |
| SCHEME NO.        | 48024A   |



| OPEN  | CONTACT |      | POSITION |            |
|-------|---------|------|----------|------------|
|       | BL      | RL   | NRH      | CLOSE OPEN |
| CLOSE | 1       | 1-1T | X        | X          |
|       | 3       | 1-3T | X        | X          |
|       | 2       | 2B   | X        | X          |
|       | 4       | 4B   | X        |            |

CUTLER-HAMMER TYPE E30 JY0 WITH TWO KLAS CONTACT BLOCKS.

HAND INDICATING SWITCH HIS-SEE TABLE A. MOMENTARY CONTACT

| LIMIT SWITCH CONTACT DEVELOPMENT | VALVE POSITION |             | FUNCTION                             |
|----------------------------------|----------------|-------------|--------------------------------------|
|                                  | FULL OPEN      | FULL CLOSED |                                      |
| ROTOR                            |                |             |                                      |
| OPEN                             |                |             |                                      |
| 1                                |                |             | BYPASS CRT                           |
| 2                                |                |             | SPARE                                |
| 3                                |                |             | 2ND LIGHT                            |
| 4                                |                |             | OPEN CRT                             |
| 5                                |                |             | BYPASS CRT                           |
| 6                                |                |             | NOTE 6                               |
| 7                                |                |             | 2ND LIGHT                            |
| 8                                |                |             | CLOSE CRT                            |
| 9                                |                |             | SPARE                                |
| 10                               |                |             | SPARE                                |
| 11                               |                |             | SPARE                                |
| 12                               |                |             | SPARE                                |
| 13                               |                |             | COMPUTER                             |
| 14                               |                |             | SPARE                                |
| 15                               |                |             | SPARE                                |
| 16                               |                |             | SPARE                                |
| WS                               |                |             |                                      |
| 17                               |                |             | TORQUE SW OPENS ON HI CLOSING TORQUE |
| 18                               |                |             | TORQUE SW OPENS ON HI OPENING TORQUE |

SOLID BAR INDICATES CONTACT CLOSED

- REFERENCE DWG: H-028601
- TO STATUS PANEL, SEE DWG. E-035A05.
  - HEATER 40 WATTS, MANUFACTURER TYPE LEONARD PIN 40'S OR EQUAL.
  - VARISTOR
  - JUMPER TO BE INSTALLED PRIOR TO CORE LOADING.
  - K801 CONTACT OPENS ON TEST OF CIS SIGNAL, FOR DETAIL, SEE WESTINGHOUSE DWG., BECHTEL V. P. NO. M-767-225
  - CIS CONTACT CLOSING ON CONTAINMENT ISOLATION, FOR DETAILS, SEE WESTINGHOUSE DWG., BECHTEL V. P. NO. M-767-181

NOTES:

| NO. | DATE | REVISION | BY | CHK | APP | DATE |
|-----|------|----------|----|-----|-----|------|
| 1   |      |          |    |     |     |      |
| 2   |      |          |    |     |     |      |
| 3   |      |          |    |     |     |      |

SCALE: DESIGNED BY: DRAWN BY: CHECKED BY:

**BECHTEL**  
GAITHERSBURG, MARYLAND

**SHUPPS**

**SCHEMATIC DIAGRAM**  
REACTOR COOLANT PUMP SEAL  
WATER ISOLATION VALVE

| DATE   | BY | CHK | APP |
|--------|----|-----|-----|
| JAN 80 |    |     |     |
| 13400  |    |     |     |

DATE: 1-1-80 OPERATOR: SUPERVISOR:

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PDR RIDS

