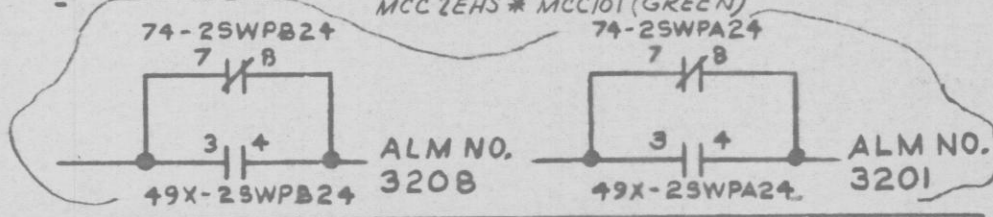


PRC  
APERTURE  
CARD

SWT. PMP. PIA DISCHARGE VALVE 2SWP#MOV74A CKT. 2SWPA24  
MCC 2EHS # MCC101 (GREEN)

SWT. PMP. PIA DISCHARGE VALVE 2SWP#MOV74B CKT. 2SWPB24  
MCC 2EHS # MCC301 (YELLOW)

NOTES:  
1. VALVE LIMIT SWITCHES LOCATED ON VALVE ACTUATOR. ALL OTHER EQUIPMENT LOCATED AT MCC UNLESS OTHERWISE NOTED.  
2. LOGIC DIAGRAM LSK-9-10D



| 420-2SWPA24          | 42C-2SWPA24          | 420-2SWPB24    | 42C-2SWPB24    |
|----------------------|----------------------|----------------|----------------|
| 4/15 SP              | 7/18 SP              | 4/15 SP        | 7/18 SP        |
| 13/14 THIS DWG       | 17/18 THIS DWG       | 13/14 THIS DWG | 17/18 THIS DWG |
| 13/16 SPARE          | 19/20 SPARE          | 13/16 SPARE    | 19/20 SPARE    |
| NOT WIRED OUT        | NOT WIRED OUT        | NOT WIRED OUT  | NOT WIRED OUT  |
| 74-2SWPA24           | 74-2SWPB24           | 52X-2SWPA24    | 52X-2SWPB24    |
| 5/16 INDP ESK-7SWPI3 | 5/16 INDP ESK-7SWPI4 | 1/12 THIS DWG  | 1/12 THIS DWG  |
| 3/14 INDP ESK-7SWP06 | 3/14 INDP ESK-7SWP07 | 3/14 THIS DWG  | 3/14 THIS DWG  |
| 1/12 SP              | 1/12 SP              | 5/16 SP        | 5/16 SP        |
| 7/18 THIS DWG        | 7/18 THIS DWG        | 7/18 THIS DWG  | 7/18 THIS DWG  |

| LIMIT SWITCH DEVELOPMENT |             |
|--------------------------|-------------|
| VALVE POSITION           | FUNCTION    |
| 33 FULL OPEN             | 23WP#MOV74A |
| 5% 95% FULL CLOSED       | 23WP#MOV74B |
| 1                        | SPARE       |
| 2                        | SPARE       |
| 3                        | SPARE       |
| 4                        | SPARE       |
| 5                        | SPARE       |
| 6                        | SPARE       |
| 7                        | SPARE       |
| 8                        | SPARE       |
| 9                        | SPARE       |
| 10                       | SPARE       |
| 11                       | SPARE       |
| 12                       | SPARE       |
| 13                       | SPARE       |
| 14                       | SPARE       |
| 15                       | SPARE       |
| 16                       | SPARE       |
| 17                       | SPARE       |
| 18                       | SPARE       |

| DESIGN CONTROL                          | DETAIL               | ESK      | SPARES | USED ON |
|---|----------------------|----------|--------|---------|
| 1-2SWPA24                               | "H3"                 | 3B       | 1B     | —       |
| 1-2SWPB24                               | "H3"                 | 3B       | 1B     | —       |
| DESIGN CONTROL ISSUE 2                  | DESIGN CONTROL ISSUE | REV PGCC | PGCC   | PGCC    |
| 6-4-52                                  | 6-4-77               | 6-4-77   | 6-4-77 | 6-4-77  |
| ECN-001                                 | 6-4-77               | 6-4-77   | 6-4-77 | 6-4-77  |
| 6                                       | 5                    | 3        | 2      | 1       |
| NUCLEAR SAFETY RELATED QA CAT I         |                      |          |        |         |
| AC ELEM DIAG-600V MCC CKT               |                      |          |        |         |
| SWT PMP DISCH MOV'S                     |                      |          |        |         |
| NINE MILE POINT NUCLEAR STATION-UNIT 2  |                      |          |        |         |
| NIAGARA MOHAWK POWER CORPORATION        |                      |          |        |         |
| STONE & WEBSTER ENGINEERING CORPORATION |                      |          |        |         |
| 12177-ESK-6SWPI8                        |                      |          |        |         |