

Received v. Ltr Dated 6-24-72

| VALVE D.C. SOURCE | FUNCTION | FIG/SH | SW/SH | OPER MODE | INTERLOCKS | REF. DWG. & REMARKS |
|-------------------|---|-----------|---------------------|-----------|---|--|
| 1692 ⊖ | RETURN GAS FROM GAS DECAY TANKS TO HOLDUP TANKS | 1/120 *1 | E/10 | C/FC | --- | SW & LTS WD PNL |
| 1798A ⊕ | DRUM FILL VALVE SPENT RESIN | 25/124 *1 | H/10 NP CLOSE OPEN | C/FC | 1798A-1 LEVEL SW. AT DRUM OPENS AT HI LIMIT 1798A-5 | SW & LTS DR PNL |
| 1798B ⊕ | DRUM FILL VALVE SPENT RESIN | 25/124 *1 | H/10 NP CLOSE OPEN | C/FC | 1798B-1 LEVEL SW. AT DRUM OPENS AT HI LIMIT 1798B-5 | SW & LTS DR PNL |
| 1798C ⊕ | DRUM FILL VALVE SPENT RESIN | 25/124 *1 | H/10 NP CLOSE OPEN | C/FC | 1798C-1 LEVEL SW. AT DRUM OPENS AT HI LIMIT 1798C-5 | SW & LTS DR PNL |
| 1798D ⊕ | DRUM FILL VALVE SPENT RESIN | 25/124 *1 | H/10 NP CLOSE OPEN | C/FC | 1798D-1 LEVEL SW. AT DRUM OPENS AT HI LIMIT 1798D-5 | SW & LTS DR PNL |
| 1798E ⊕ | DRUM FILL VALVE SPENT RESIN | 25/124 *1 | H/10 NP CLOSE OPEN | C/FC | 1798E-1 LEVEL SW. AT DRUM OPENS AT HI LIMIT 1798E-5 | SW & LTS DR PNL |
| 1798F ⊕ | DRUM FILL VALVE SPENT RESIN | 25/124 *1 | H/10 NP CLOSE OPEN | C/FC | 1798F-1 LEVEL SW. AT DRUM OPENS AT HI LIMIT 1798F-5 | SW & LTS DR PNL |
| 1677 ⊖ | SMALL GAS DECAY TANK INLET VALVE | 1/120 *1 | E/10 | C/FC | --- | SW & LTS WD PNL |
| 1813 ⊖ | SPRAY PUMP MINI-FLOW ISOLATION VALVE | 11/121 *1 | E/10 | C/FC | 1813-C OFF 43/RS-B 1813-5 | SW & LTS SBIF PNL MON LT SBIF PNL 933AD ANN SH 160 133BC 1813-5 |
| 1694 ⊕ | SPENT RESIN STORAGE TANK GAS ANALYZER LINE SAMPLE VALVE | 21/123 *1 | --- | C/FC | 1694-P C2 GAS ANALYZER 1694-5 | FUSES - GAS ONLY. PNL |
| 1702 ⊖ | R.C. DRAIN TANK PUMP DISCHARGE ISOLATION VALVE | 14/121 *1 | E/10 W.D. SNF BLOCK | O/FC | 1702-C1 C-A12X 15 1702-S | SW & LTS W.D. PNL SW & MON LT SNF PNL SW(SNF) OPERATES 1702 & 1723 & 1786 113E303 SH 6 |
| 1705 ⊖ | R.C. DRAIN TANK PUMP DISCHARGE ISOLATION VALVE | 14/121 *1 | E/10 W.D. SNF BLOCK | O/FC | 1705-C1 C-A22X 15 1705-S | SW & LTS W.D. PNL SW & MON LT SNF PNL SW(SNF) OPERATES 1728 & 1705 & 1787 113E303 SH 6 |
| 1723 ⊖ | CONTAINMENT SUMP PUMP DISCHARGE ISOLATION VALVE | 14/121 *1 | E/10 W.D. SNF BLOCK | O/FC | 1723-C1 C-A12X 12 1723-5 | SW & LTS W.D. PNL SW & MON LT SNF PNL SW(SNF) OPERATES 1723 & 1702, 1786 113E303 SH 6 |
| 1728 ⊖ | CONTAINMENT SUMP PUMP DISCHARGE ISOLATION VALVE | 14/121 *1 | E/10 W.D. SNF BLOCK | O/FC | 1728-C1 C-A22X 12 1728-S | SW & LTS W.D. PNL SW & MON LT SNF PNL SW(SNF) OPERATES 1705, 1728 & 1787 113E303 SH 6 |

OPER. MODE
 O = NORMALLY OPERATED OPEN
 C = NORMALLY OPERATED CLOSED
 X = NORMALLY OPERATED OPEN & CLOSED
 FC = FAILED CLOSED
 FO = FAILED OPEN
 FAI = FAILED AS IS

NOTES: 1. * REFERS TO CABLE SCHEM. 9321-LL-31383 SH 1

⊕ D.C. PNL #33 CIRCUIT #14
 ⊖ D.C. PNL #32 CIRCUIT #12
 ⊕ D.C. PNL #32 CIRCUIT #20
 ⊖ D.C. PNL #31 CIRCUIT #3
 ⊖ D.C. PNL #32 CIRCUIT #6

TERA APERTURE CARD

APERTURE CARD

| | |
|---|--|
| 7 | ECN-9616 W.D. 12/21/72 12/29/72 1-3-73 |
| 6 | ECN-7162 J.G. 5-8-71 3-31-71 4-2-71 |
| 5 | ECN-6887 W. MEARS 12/21/70 1/4/71 2/11/71 |
| 4 | ECN-6811 W.P. 10/7/70 10-24-70 |
| 3 | ECN-5211 G.L. 5-25-70 5/24/70 4/17/70 |
| 2 | ECN-5522 R.W.KEMER 12/15/69 12/15/69 12/15/69 |
| 1 | SO. INT-385 |

Washington Electric Corporation
 TITLE: CONSOLIDATED EDISON CO.
 INDIAN POINT STATION UNIT NO.3

ELEM. WIRING DIA. VALVE TABLE - PILOT SOL. & SOL.
 R.W. KEMERER 5/13/69 8/11/69
 500B971

SHEET 98
 PITTSBURGH, PA., U.S.A.

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