F.P. No. 9321.01-3072
FINAL ISSUE
REV R3D DATE 4/27/71

VALVE NO (MCC LOC)	FUNCTION	FIG/SH.	SW/SH	OPER MODE	** INTERLOCKS OR AUTO CONT. CONTACT	REF. DWG. & REMARKS	REF. DWGS & REMARKS
889B 26B-4MR	SPRAY RECIRC. STOP VALVE	2/126	C/10	C/FAI	—	SW. - SBIF PNL IND. LTS. - SBIF PNL MON LTS - SBIF 33ac ANN SH 160 SEE NOTE 1	
894A 26A-3MR	ACCUMULATOR DISCHARGE STOP VALVE ECN 70254	5/129 16/140	C/10	9/FAI	894A-02 11 SI-10X 15 894A-0	SW - SMF PNL IND LTS-SMF & SBIF PNL MON LTS SBIF PNL 33ac ANN SH 160 110E089 SH 4	REDUNDANT L.S. FOR DE-ENERGIZED SI VALVES CORRECT POS. INDIC. (LOOP #1) "a0" SH 160 L.S. OPENS WHEN VALVE POS. IS OTHER THAN ITS NORM. OPER. POS.
894B 26B-3MR	ACCUMULATOR DISCHARGE STOP VALVE ECN 70254	5/129 16/140	C/10	9/FAI	894B-02 11 SI-20X 15 894B-0	SW-SMF PNL IND LTS-SMF & SBIF PNL MON LTS SBIF PNL 33ac ANN SH 160 110E089 SH 4	REDUNDANT L.S. FOR DE-ENERGIZED SI VALVES CORRECT POS. INDIC. (LOOP #2) "a0" SH 160 L.S. OPENS WHEN VALVE POS. IS OTHER THAN ITS NORM. OPER. POS.
894C 26A-2DR	ACCUMULATOR DISCHARGE STOP VALVE ECN 70254	5/129 16/140	C/10	9/FAI	894C-02 12 SI-10X 16 894C-0	SW-SMF PNL IND LTS SMF & SBIF PNL MON LTS SBIF PNL 33a&c ANN SH 160 110E089 SH 4	REDUNDANT L.S. FOR DE-ENERGIZED SI VALVES CORRECT POS. INDIC. (LOOP #1) "a0" SH 160 L.S. OPENS WHEN VALVE POS. IS OTHER THAN ITS NORM. OPER. POS.
894D 26B-2DR	ACCUMULATOR DISCHARGE STOP VALVE ECN 70254	5/129 16/140	C/10	9/FAI	894D-02 12 SI-20X 16 894D-0	SW - SMF PNL IND LTS SMF & SBIF PNL MON LTS SBIF PNL 33ac ANN SH 160 110E089 SH 4	REDUNDANT L.S. FOR DE-ENERGIZED SI VALVES CORRECT POS. INDIC. (LOOP #2) "a0" SH 160 L.S. OPENS WHEN VALVE POS. IS OTHER THAN ITS NORM. OPER. POS.
1802A 26A-3DR	RECIRC. SUMP STOP VALVE	7/131	C/10	C/FAI	1802A-02 A7 ON 43/R5-4 B7 1802A-0	SW SBIF PNL IND LTS SBIF PNL MON LTS SBIF PNL 33a0 RLT SH. 145 33ac ANN SH 160	
1802B 26B-3DR	RECIRC. SUMP STOP VALVE	7/131	C/10	C/FAI	1802B-02 A5 ON 43/RS-4 B5 1802B-0	SW SBIF PNL IND LTS SBIF PNL MON LT SBIF 33a0 RLT SH 145 33ac ANN SH 160	
LCV-112C 26A-1HR	VOLUME CONTROL TANK DISCHARGE	9/133	C/10	9/FAI	112C-C3 — LC-112C/X 10 14 LC-112C/X 5 112C-C2 — 112C-02 33a0 LCV-112B 112C-C 112C-0	SW & LTS SFF PNL (110E124 SH 2)	
222 26A-1MR	SEAL WATER RETURN LINE ISOLATION VALVE	18/154	C/10	9/FAI	222-C2 1 C-B11X 5 — 1 C-B21X 5 222-C	SW & LTS SNF PNL LTS-SFF PNL MON LT. - SNF PNL 110E089 SH 6	
333 26B-1HR	EMERGENCY BORATION VALVE	1/125	C/10	C/FAI	—	SW & LTS. - SFF PNL SEE NOTE-1	
1810 26A-6D	REFUELING WATER STORAGE TANK DISCHARGE VALVE ECN 70254	8/132 17/141	C/10	0/FAI	1810-C2 A1 ON 43/RS-8 B1 1810-C	SW & IND. LTS SBIF PNL. MON. LT. SBIF 33bc 1810X SHT 149 33ac ANN SH 160	

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

NOTE:
1. SWITCH LEGEND PLATE TO BE ENGRAVED "CLOSE-OPEN"

10	ECN 7163	M.E.H. 3-4-71
9	ECN 6508	R.W. KEMERER 7/20/70
8	SHEARER 7-9-68	7-22-68
7	M.G. MILLER 5-11-68	5-22-68
6	SHEARER 3-15-68	3-19-68
5	SHEARER 1-30-68	2-19-68
4	G. TURBA 12-19-67	5/4/68
3	G. SHEARER 9-29-67	10-9-67
2	G.H.M. 8-16-67	9-19-67
1 SUB	S.O. IPP-380	

Westinghouse Electric Corporation F.P. 3072
ATOMIC POWER DIV. PITTSBURGH, PA. U.S.A.
TITLE CONSOLIDATED EDISON CO.
INDIAN POINT STATION-UNIT N°2
ELEMENTARY WIRING DIAG. VALVE TABLE-MOV
G.H.M. 9/5/67 — R. WILSON 7/18/67
G. Sayers 7/10/67
DRAWING NO. 490B447
SHEET-114

10A

REDUNDANT L.S. FOR DE-ENERGIZED SI VALVES CORRECT POS. INDIC. (LOOP #1)
"a0" SH 160
L.S. OPENS WHEN VALVE POS. IS OTHER THAN ITS NORM. OPER. POS.

REDUNDANT L.S. FOR DE-ENERGIZED SI VALVES CORRECT POS. INDIC. (LOOP #2)
"a0" SH 160
L.S. OPENS WHEN VALVE POS. IS OTHER THAN ITS NORM. OPER. POS.

CON. ED. REVISION
10A
THIS REVISION IS NON CLASS "A" AS PER C1-240-1 IN CONN. WITH MODIF. OF ECC SYS. VALVE CIRCUITRY (PHASE #1) ADD REDUNDANT L.S. CONTACTS AS SHOWN. RELEASED PER C.E. MOD. PROC.# ESG 76-2-07
P/N 6039 RB/BTM

PRC APERTURE CARD
TERA APERTURE CARD
ORIGINAL

197M3994

8111110321