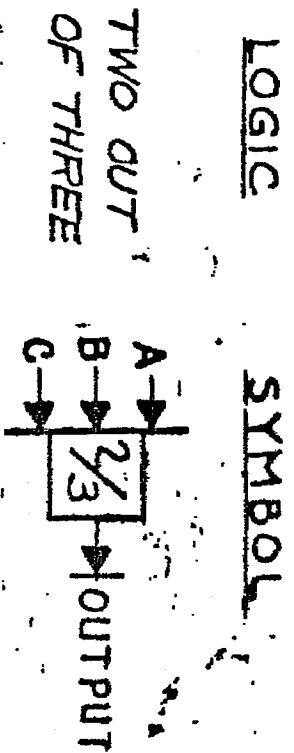
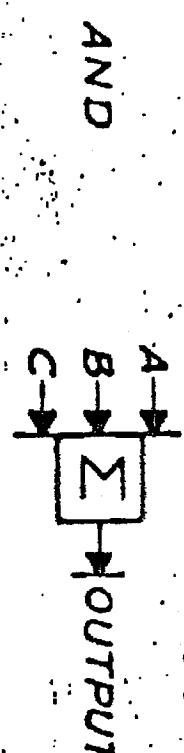


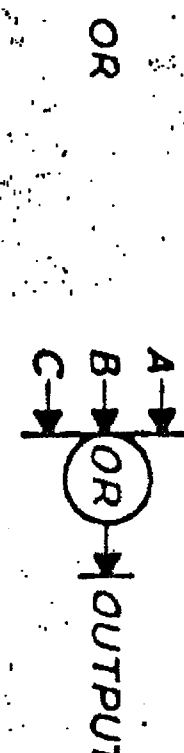
100



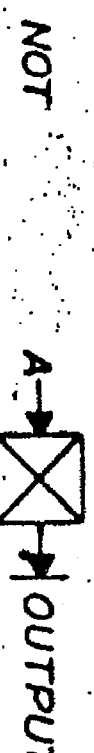
ANY TWO OUT OF THREE INPUTS TO PRODUCE AN OUTPUT; I.E. A+B, A+C, B+C (ANY AMOUNT OF INPUTS MAY BE USED - E.G. 1 OUT OF 4 = 1/4)



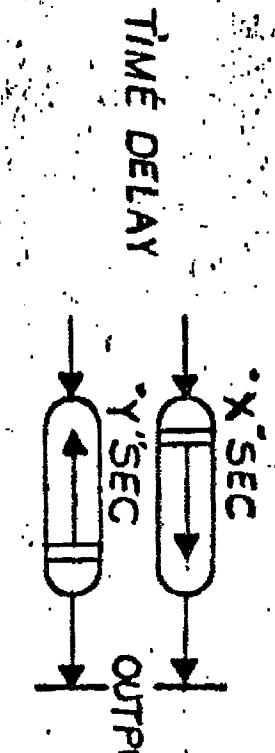
INPUTS A, B, C MUST ALL BE PRESENT TO PRODUCE AN OUTPUT.



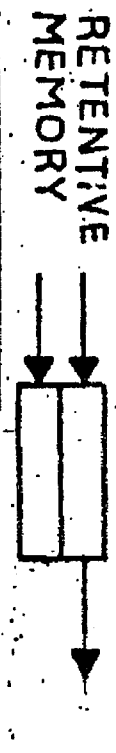
INPUTS A, OR B, OR C, OR ANY COMBINATION OF A, B, & C TO PRODUCE AN OUTPUT.



WHEN INPUT A IS PRESENT THERE IS NO OUTPUT SIGNAL. WITH NO INPUT SIGNAL AN OUTPUT IS PRESENT.



OUTPUT SIGNAL IS PRESENT 'X' SEC AFTER INPUT IS APPLIED; AFTER INPUT REMAINS 'Y' SEC AFTER INPUT IS REMOVED.



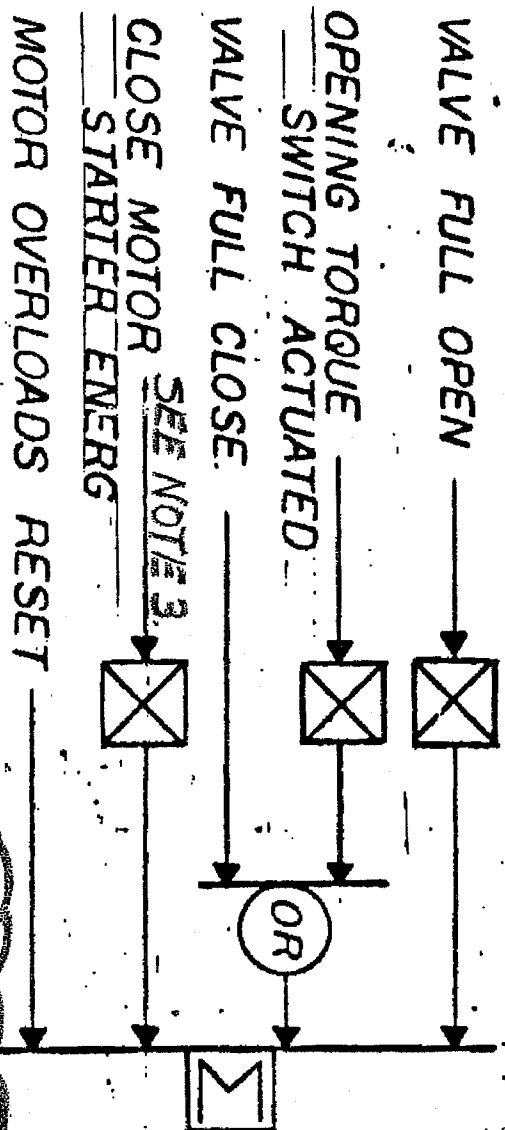
RETAINS THE COND. OF OUTPUT CORRESPONDING TO LAST ENERGY INPUT (ALSO UPON INTERRUPTION OF POWER)

CS-NAC SBM SWITCH APPLICATIONS: NAC EQUALS 'NORMAL AFTER CLOSE' NAC EQUALS 'NORMAL AFTER START'

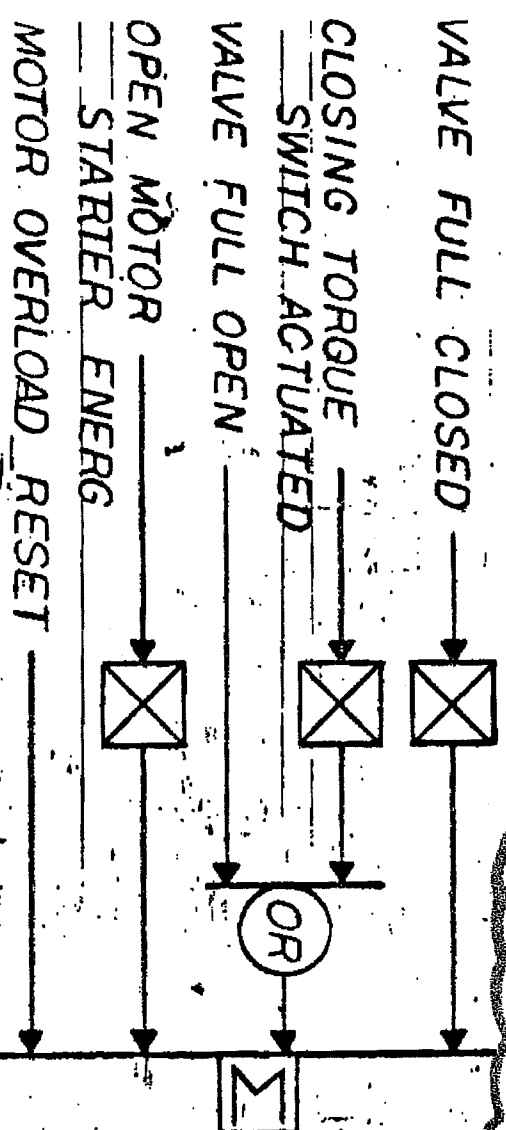
CS-NA STOP
CS-NA TRIP
: NA STOP EQUALS 'NORMAL AFTER STOP'
: NA TRIP EQUALS 'NORMAL AFTER TRIP'
GREEN FLAG IS EXPOSED ON THE SWITCH ESCUTCHEON

MOV SCHEMES

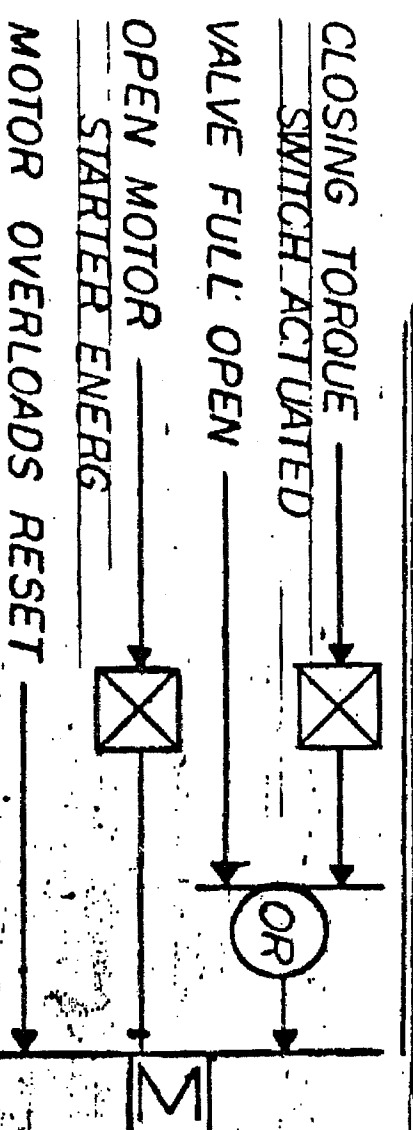
SCHEME No 1 - OPEN



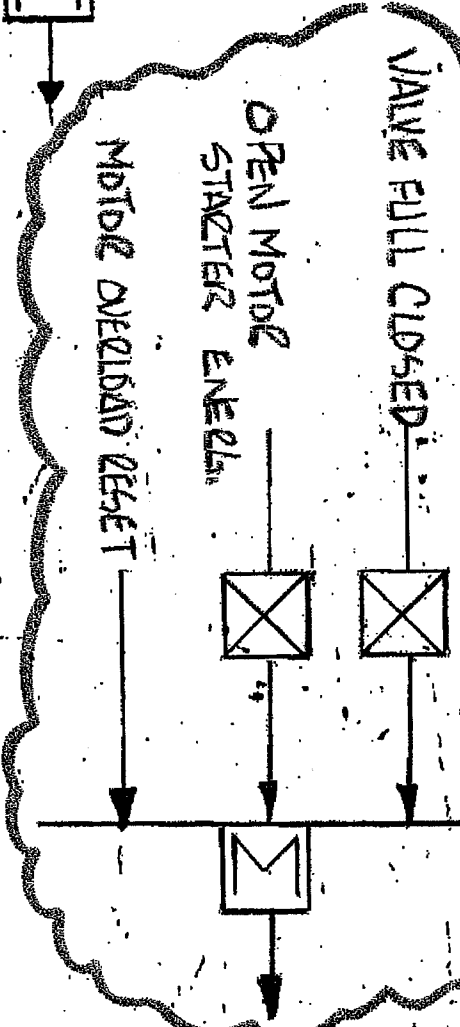
SCHEME No 2 - CLOSE (LIMIT WITH TORQUE BACK-UP)



SCHEME No 3 (T SEATED) - CLOSE



SCHEME No 2A CLOSE (LIMIT ONLY)



NOTES

- 1) LOGIC SHOWN DOWNSTREAM (TO THE RIGHT) OF COMPUTER INPUTS (◇) IS BY SOFTWARE & INTERNAL TO THE COMPUTER
- 2) GATE AND GLOBE VALVES, TYPICALLY, ARE TORQUE (T) SEATED
- 3) FULL CLOSED AS DEFINED BY ROTOR 2 OF LIMITORQUE SWITCH IS ADJUSTED IN ACCORDANCE WITH APPLICABLE STATION PROCEDURES TO PROVIDE A SUFFICIENT BY-PASS OF THE OPENING TORQUE SWITCH TO ALLOW THE VALVE TO OPEN FROM THE MAIN SEAT WHEN DESIGNATED IN STATION SCHEMATICS.

ISSUED-FOR-CONSTRUCTION

SYMBOLS
LOGIC DIAGRAM

New Hampshire
Yankee
Seabrook
Station

1-NHY-503100

REV	DATE	DRWN	CHKD	CE	LDE	DESCRIPTION
5	3/25/82	JWB	WDS	WDR	PRB	REV'D PER DER 92.005%
4	9/21/88	HP	AMP	APL	JFB	INCRP DCR 87-0071, CA-02
3	10/20/86	JH	BCE	RRL	NA	9763-M-503100 SUPERCEDES UE&C DWG.;
2	4-21-78					ISSUED FOR CONSTR. (NO CHANGE REQ'D.)
1	8-1977					ADDED LOGIC 2/3, RFT. MEM. & NOTES 1, 2, RFT.
	7-30-76					FIRST ISSUE
						DESCRIPTION
						FE
						OWN. BY
						CKD. BY
						RES. ENG.
						SDE
						DAE
						PEM

1-NHY-503100

REV 5