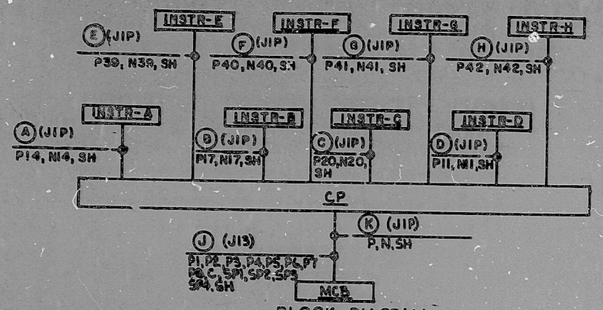


BLOCK DIAGRAM
SCHEME NO. SEE TABLE A

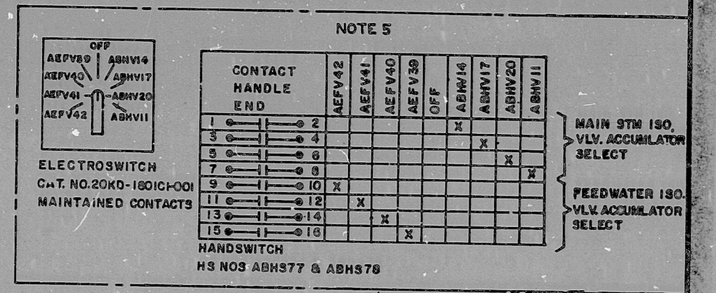
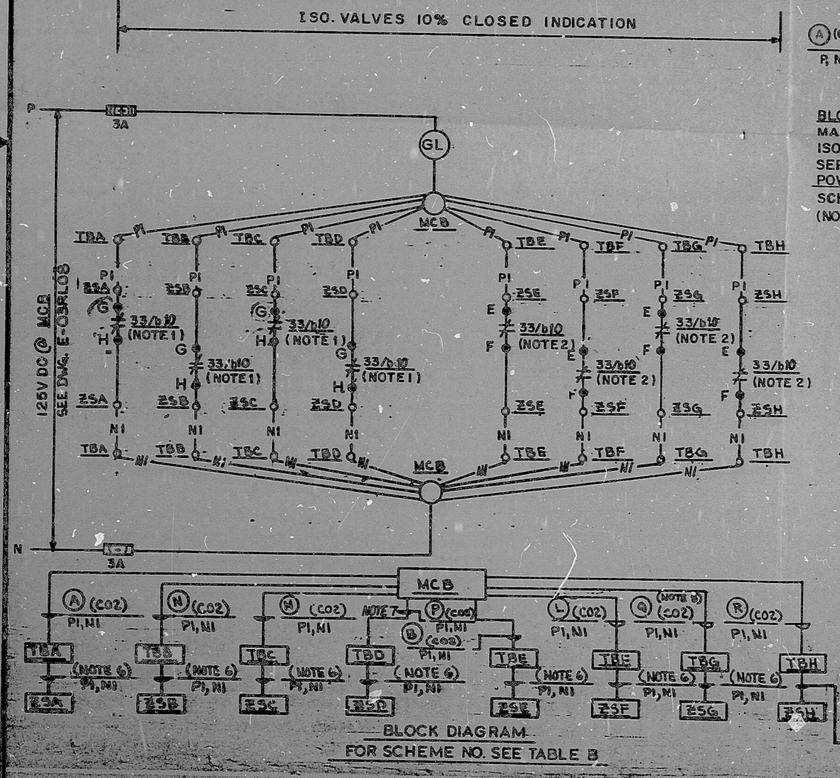
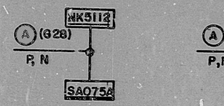


TABLE A MAIN STEAM & FEEDWATER ISO. VALVE ACCUMULATOR PRESS. INDICATION

SCHEME NO.	HAND SW. NO.	CP LOC. CP	LOOP SCH. REF. DWG.	INSTR-A	INSTR-B	INSTR-C	INSTR-D	INSTR-E	INSTR-F	INSTR-G	INSTR-H	PRESS IND NO.
5ABI30A	RL025	ABHS77	RP053EA	ABPT19A	ABPT17A	ABPT20A	ABPT11A	AEPT39A	AEPT40A	AEPT41A	AEPT42A	ABPI65
6ABI30A	RL025	ABHS78	RP053EB	ABPT14B	ABPT17B	ABPT20B	ABPT11B	AEPT39B	AEPT40B	AEPT41B	AEPT42B	ABPI76



BLOCK DIAGRAM
FOR SCHEME NO. SEE TABLE B



BLOCK DIAGRAM
MAIN STM. & FDWTR. ISO. ACTUATION CAB SEP. GRP NO. 1
POWER SUPPLY
SCHEME NO. 1ABK30B (NOTE 3 & 4)

BLOCK DIAGRAM
MAIN STM. & FDWTR. ISO ACTUATION CAB. SEP. GRP NO. 4
POWER SUPPLY
SCHEME NO. 4ABK30B (NOTE 3 & 4)

(NOTES CONTINUED)

8. UNIT SCHEME CABLE IS PREFIXED WITH "1" FOR KG & E AND "2" FOR DE UNIT 1.

7. SCHEME CABLE NOS. 1ABK30AP & 4ABK30AP ARE PREFIXED WITH "1" FOR KG & E AND "2" FOR DE UNIT 1.

TABLE B MSFIV 10% CLOSED INDICATION

POS. SWITCH-Z5H	AEZS42C	AEZS42D
POS. SWITCH-Z5G	AEZS41C	AEZS41D
POS. SWITCH-Z5F	AEZS40C	AEZS40D
POS. SWITCH-Z5E	AEZS39C	AEZS39D
POS. SWITCH-Z5D	ABZS20C	ABZS20D
POS. SWITCH-Z5C	ABZS17C	ABZS17D
POS. SWITCH-Z5B	ABZS14C	ABZS14D
POS. SWITCH-Z5A	ABZS11C	ABZS11D
TERM BOX-TBH	TB14524	TB14520
TERM BOX-TBG	TB14523	TB14519
TERM BOX-TBF	TB14522	TB14518
TERM BOX-TBE	TB14521	TB14517
TERM BOX-TBD	TB14516	TB14512
TERM BOX-TBC	TB14515	TB14511
TERM BOX-TBB	TB14514	TB14510
TERM BOX-TBA	TB14513	TB14509
IND LT. NO.	ABZL72	ABZL75
IND LT. LOC-MCB	RL025	RL025
SCHEME NO.	1ABK30A	4ABK30A
(NOTE 6) P1, N1	NOTE 7 NOTE 8	NOTE 7

(GL) INDICATING LIGHT
G.E. TYPE ET-16
CAT 0116B6700G30
ZL NO. ABZL72, ABZL75

6. FOR CABLE SCHEME, CABLE CODE & POS. SWITCH DEVELOPMENT, SEE DWGS. E-03AB26(Q) E-03AB27(Q), E-03AE15(Q) & E-03AE14(Q).
5. ALL HANDSWITCH CONTACTS TO BE WIRED OUT FOR FUTURE USE.
4. FOR D.C. DISTRIBUTION PANEL SEE DWG. E-01NK01 FOR SEPARATION GROUP 1 & DWG. E-01NK02 FOR SEPARATION 4.
3. PWR. CONSUMP (APPROX) TOTAL 670 W PER SEPARATION GROUP.
   (A) SOL. VLVS = 330W (4 SOL. VLVS. @ 10W X 8 VLVS.)
   (B) INDICATION = 50W
   (C) MSFIS ELECTRONICS = 300W (ESTIMATE - SEE V.P. J-104-0296)
2. CONTACT CLOSES WHEN ITS ASSOC. FEEDWATER ISO. VALVE IS 10% CLOSED. FOR CONTACT DEVELOPMENT OF SEP. GRP 1 POS. SWITCHES SEE DWG. E-03AE14, SEP. GRP 4 DWG. E-03AE15.
1. CONTACT CLOSES WHEN ITS ASSOC. MAIN STEAM ISO. VALVE IS 10% CLOSED. FOR CONTACT DEVELOPMENT OF SEP. GRP 1 POS. SWITCHES SEE DWG E-03AB26, SEP. GRP 4 DWG E-03AB27

NOTES:

REVIEW LEVEL 3

ISSUED FOR CONSTRUCTION		
DESIGN — DRAWN J.R. CHECKED M.M.C.		

TI APERTURE CARD

BECHTEL
GAITHERSBURG, MARYLAND

SNUPPS

SCHEMATIC DIAGRAM
MAIN STEAM & FEEDWATER ISOLATION VALVES MISCELLANEOUS CIRCUITS

JOB NO.	BECHTEL DRAWING NO.	REV
10466	E-03AB30 (Q)	6

UTILITY DRAWING NO. —

DRAWING APPEARANCE TO UNITS 1 2 3 4

PDR RIDS

8410090205