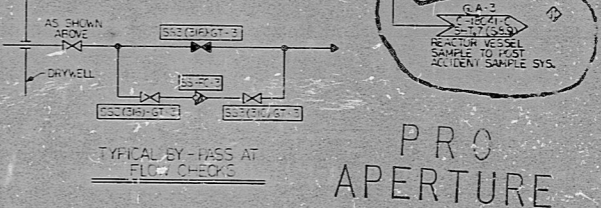


DEVICE	CONDITION	SET POINT (IN SCALE ELEV.)	ACTION
COLUMN #1, COLUMN #2			
36-07A, 36-07B	VESSEL PRESS. (L)	2.850 PSIG	CLOSE MAIN STEAM ISOLATION VALVES (ON RUN MODE ONLY)
36-05A, 36-05B	VESSEL LEVEL (LLL)	2.1271 2.234-107	AUTO DEPRESSURIZATION WITH HI DRYWELL PRESS.
36-04A, 36-04B	VESSEL LEVEL (LL)	2.57 2.201-97	ACTIVATE CORE SPRAY PUMPS W/SIGNAL FROM 36-08 ACTUATES CONTAINMENT SPRAY W/SIGNAL FROM 2012-476 CLOSURE MAIN STEAM ISOLATION VALVES, ISOLATES CLEAN LP & SHUTDOWN LOOP, CLOSES VENT & PUMP OUTLETS (TRIP REGR. LOOP)
36-03A, 36-03B	VESSEL LEVEL (L)	2.53 2.201-97	SCRAM REACTOR & TRIP TURBINE STOP VALVES
36-02A, 36-02B	VESSEL LEVEL (H)	5.55 5.305-37	TRIP TURBINE STOP VALVES
36-01A, 36-01B	VESSEL PRESS. (H)	5.1000 PSIG	SCRAM REACTOR & TRIP TURBINE STOP VALVE
NR-08A, NR-08B	VESSEL PRESS. (HH)	5.1000 PSIG W/TIME DELAY	ACTIVATE EMERGENCY COOLING
NR-08A, NR-08B	VESSEL PRESS. (HH)	1000 PSIG	OPEN MASTER OPER. PRESS. RELIEF VALVES
NR-08A, NR-08B	VESSEL PRESS. (BLOCK)	1000 PSIG	ACTIVATE CORE SPRAY VALVES W/SIGNAL FROM 36-04
NR-08A, NR-08B	VESSEL PRESS. (BLOCK)	120 PSIG	SHUTDOWN COOLING SYSTEM (ISOLATION VALVES)
NR-08A, NR-08B	VESSEL PRESS. (BLOCK)	5.297-57	RY PRESS IF LOW CONDENSER VACUUM & MAIN STEAM ISOLATION VALVE CLOSURE - TRIP
36-21A, 36-21C	VESSEL LEVEL (LLL)	2.297-57 W/TIME DELAY	TRIP REGR. PUMPS (S)
36-22A, 36-22C	VESSEL PRESS. (H)	5.1150 PSIG W/TIME DELAY	TRIP REGR. PUMPS (S)

NOZZLE NUMBER	FUNCTION
N10	HIGH PRESS SEAL LEAK DETECTOR
N12	LOW PRESS SEAL LEAK DETECTOR
N14	CURE HI CONT. ROD DRIVE & REACTOR OP PROTECTION SYSTEM (STATIC)
N16	PROTECTION SYSTEM (VARIABLE)
N18	LEVEL CONTROL RANGE (STATIC)
N20	LEVEL CONTROL RANGE (VARIABLE)
N22	LEVEL CONTROL RANGE (STATIC)
N24	PROTECTION SYSTEM (VARIABLE)
N26	PROTECTION SYSTEM (STATIC)
N28	IN STEAM
N30	WIDE RANGE (VARIABLE)
N32	WIDE RANGE (STATIC)



PRO APERTURE CARD

SUFFIX USED

- L - LOW
- LL - LOW LOW
- H - HIGH
- HH - HIGH HIGH
- HL - HIGH LOW
- SR - SUPPRESSED RANGE
- S - BLOCK
- LL - LOW LOW LOW
- COMP - COMPENSATION
- DI - DIFFERENTIAL PRESS
- WH - WIDE RANGE
- LC - CORE LEVEL

NOTES:  
 1. (R2-1000) OPERATING NUMBERS  
 2. O - FUNCTION BY GE (PERFORMANCE CALCULATION)  
 3. LOCATED IN THE NORTH INSTRUMENT ROOM  
 4. LOCATED ON REMOTE SHUTDOWN PANEL  
 THIS DRAWING WAS REVISED & REDRAWN FROM UMG. C-18015-C DATED 10-29-65 H.V.S.

NO.	DESCRIPTION	DATE	BY
C-12	REVISION FOR 1-15-66	1-15-66	H.V.S.
C-13	ADDED TO 36-29A BLDG	1-15-66	H.V.S.
C-18	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-19	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-20	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-21	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-22	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-23	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-24	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-25	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-26	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-27	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-28	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-29	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.
C-30	ADDED LVL & PRESS IND FOR REMOTE SHUTDOWN PANEL M.O. 2-1-68	2-1-68	H.V.S.

SINGARA MISHAWA POWER CORPORATION  
 SINGARA MISHAWA POWER CORPORATION  
 PINE ISLE UNIT, NUCLEAR STATION UNIT #1  
 REACTOR VESSEL INSTRUMENTATION  
 P&I DIAGRAM  
 3-N2-C18.8  
 C-18015-C

Roll 296

POOR ORIGINAL

66 11

66 11

66 8.5

8.5"

11"

17"

RIDS

8210270071

