

REV	STATUS	DATE	BY
1	0		
2	0		
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8	0		

- NOTES:
1. INPUTS TO COMPUTER ARE ISOLATED CLOSE TO ALARM CONTACTS.
 2. IN THE EVENT THAT POWER IS LOST, THE FOLLOWING ACTIONS WILL BE INITIATED AFTER POWER IS RESTORED:
 - A. IN AUTOMATIC MODE DETECTOR RETURNS TO "TRIP" VIA AUTOMATIC MODE PATH. DETECTOR MUST THEN BE RETURNED TO DRYWELL POSITION TO REPROGRAM DETECTOR.
 - B. IN MANUAL MODE MUST RESTART VIA MANUAL SWITCH IN REVERSE AND RETURN TO DRYWELL POSITION TO REPROGRAM DETECTOR.
 3. THE TIME DURATION OF THE PERMISSIVES ASSOCIATED WITH COMPUTER INTERFACE SHALL BE COMPATIBLE WITH THE ASSOCIATED COMPUTER.
 4. THE ENTIRE NEUTRON MONITORING SYSTEM IS A OPERATED SWITCHES.
 5. ALL EQUIPMENT & INSTRUMENTS ARE PREFIXED BY CSI - UNLESS OTHERWISE NOTED.
 6. CHANNELS A, C, E & G ARE FOR TRIP SYSTEM A. CHANNELS B, D, F & H ARE FOR TRIP SYSTEM B. ROD WITHDRAWAL BLOCKS SUBJECT TO BYPASSING AT SUBSYSTEM LEVEL. SEE SHEETS 2.3 & 4.

- LEGEND:
- --- INITIATOR BLOCK (SEE DETAILS CORRESPONDING WITH NUMBERS).
 - IRM --- INTERMEDIATE RANGE MONITOR.
 - APRM --- AVERAGE POWER RANGE MONITOR.
 - SRM --- SOURCE RANGE MONITOR.
 - LPRM --- LOCAL POWER RANGE MONITOR.
 - TIP --- TRAVERSING IN-CORE PROBE.
 - MDC --- MULTIPLE OUTPUT CONTROLLER.
 - RPV --- REACTOR PRESSURE VESSEL.
 - ERSI --- EMERGENCY RESPONSE INFORMATION SYSTEM (ERIS).

- SUPPLEMENTAL DOCUMENTS UNDER THE FOLLOWING IDENTITIES ARE TO BE USED IN CONJUNCTION WITH THIS DRAWING:
- | IDENTIFIER | REFERENCE DESIGNATOR |
|--------------------------------------|----------------------|
| 1. PROCESS COMPUTER SYS INPUT/OUTPUT | CSI-4030 |
| 2. CONTROL ROD DRIVE HYD SYS FCD | CI-1030 |
| 3. REACTOR PROTECTION SYS IED | CR-1010 |
| 4. REDUNDANT REACTIVITY CONT SYS FCD | CR-22-1030 |
| 5. ERIS ELEM DIAG | C95-1050 |

- SUPPORTING DOCUMENTS:
1. LOGIC SYMBOLS --- 209A4756

TH APERTURE CARD

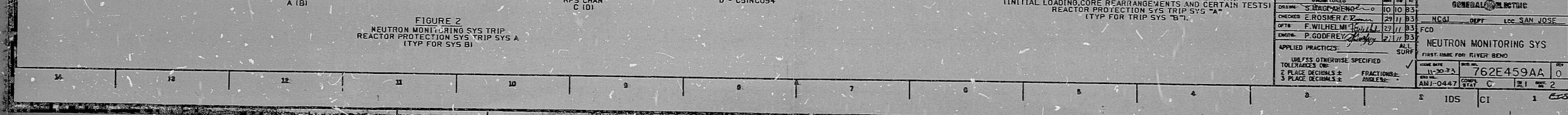


FIGURE 2
NEUTRON MONITORING SYS TRIP
REACTOR PROTECTION SYS TRIP SYS A
(TRIP FOR SYS B)

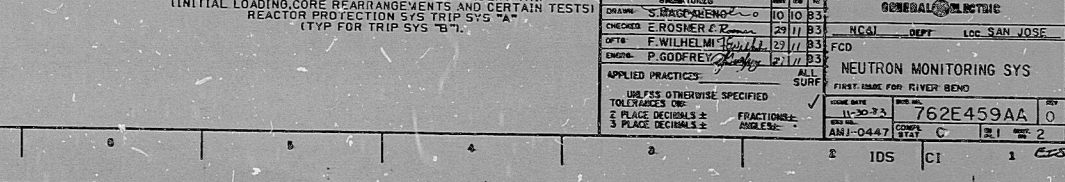


FIGURE 3
NEUTRON MONITORING SYS NON-COINCIDENT TRIP
(INITIAL LOADING, CORE REARRANGEMENTS AND CERTAIN TESTS)
REACTOR PROTECTION SYS TRIP SYS A
(TRIP FOR TRIP SYS B)

MPL NO. CSI-1020
FD-7283225AA F1

APPROVED TO SAFETY	SEE CLASH IN
THIS ITEM IS OR CONTAINS A SAFETY	NUCLEAR SAFETY RELATED
CLASSIFICATION	BY
DATE	BY
DESIGNED BY	GENERAL ELECTRIC
CHECKED BY	DATE
DRAWN BY	DATE
APPLIED PRACTICES	ALL
UNLESS OTHERWISE SPECIFIED	FIRST TRIM FROM RIVER BEDS
TOLERANCES UNLESS SPECIFIED	1. PLACE DECIMALS & FRACTIONAL ANGLES
2. PLACE DECIMALS & FRACTIONAL ANGLES	3. PLACE DECIMALS & FRACTIONAL ANGLES
DATE	762E459AA
REV	1
BY	CI

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PDR RIDS

