

- NOTES:
1. THIS DOCUMENT SHALL BE USED WITH AND FORM A PART OF THE NEUTRON MONITORING SYSTEM IED DATA (CSI-1010). IF THERE ARE ANY CONFLICTS, THE IED DATA SHALL GOVERN.
 2. THE PARTS ARE LOCATED ADJACENT TO OR ON THE SIGNAL CONDITIONING EQUIPMENT PERFORMING THE FUNCTION INDICATED.
 3. SEE TABLE 2 ON NEUTRON MONITORING SYSTEM IED DATA SHEET FOR COMPUTER NUMBERING ASSIGNMENTS.
 4. ALL EQUIPMENT INSTRUMENTS AND INPUT SIGNALS ARE PREFIXED BY CSI UNLESS OTHERWISE NOTED.
 5. RECOMMENDED AREA RADIATION DETECTOR.
 6. APRM CHANNEL A OUTPUT SIGNAL GOES TO THE RECIRC SYSTEM EXCEPT WHEN CHANNEL A IS BYPASSED APRM E SIGNAL SHALL AUTOMATICALLY GO TO THE RECIRC SYSTEM.
 7. TIP DETECTOR IS NORMALLY STORED UNDER VESSEL WHEN NOT IN USE DURING PLANT OPERATION.

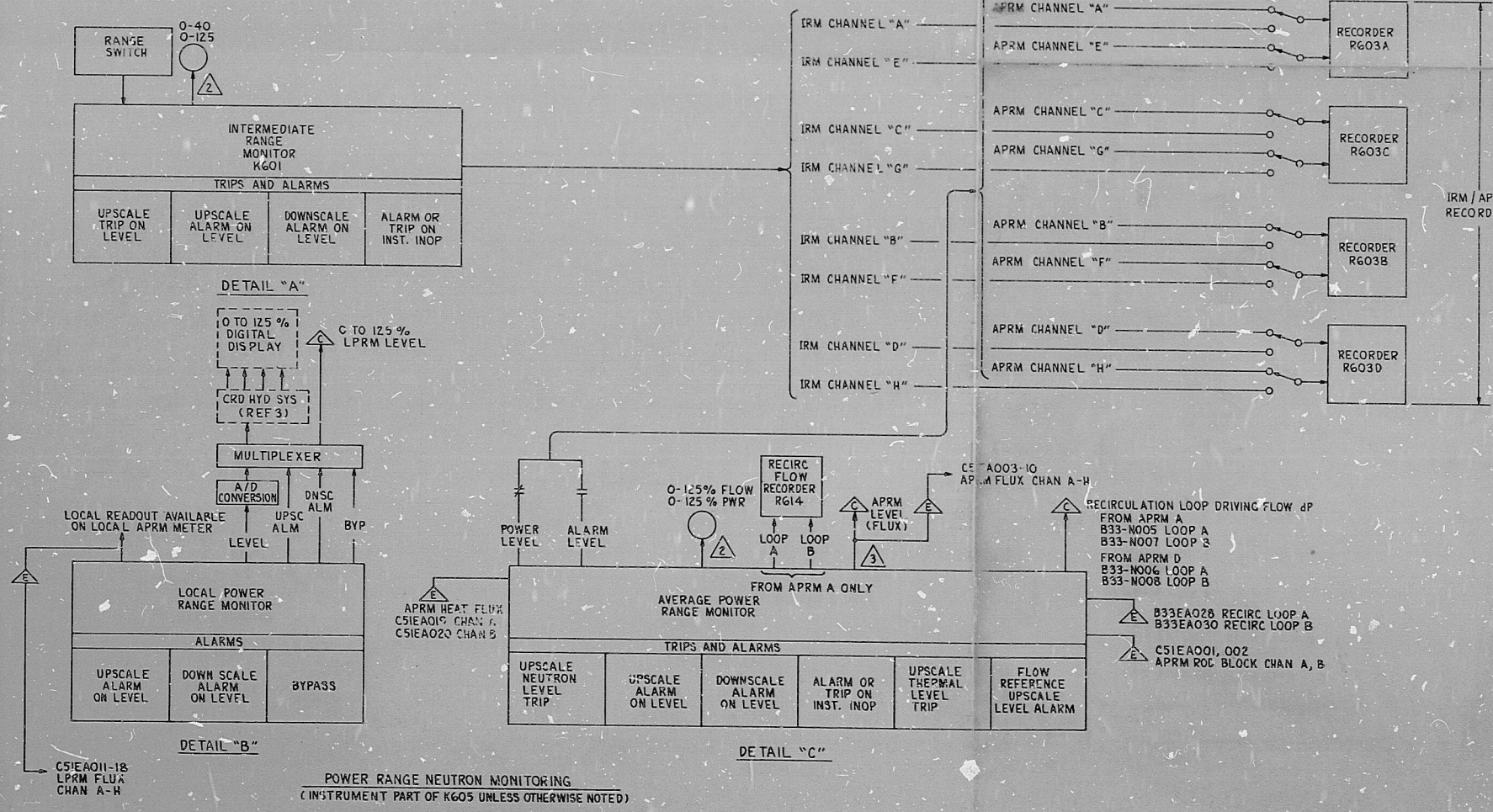
- REFERENCE DOCUMENTS:
- | REF. NO. | MPL ITEM NO. |
|------------------------------------|--------------|
| 1. REACTOR SYS DATA BOOK | B13-2010 |
| 2. REACTOR RECIRCULATION SYS. P&ID | B33-1010 |
| 3. CONTROL ROD HYDRAULIC SYS. F&D | C11-1030 |
| 4. REACTOR PROTECTION SYS. IED | C11-1010 |
| 5. REACTOR RECIRCULATION SYS. IED | B33-1010 |

- ABBREVIATIONS:
- SRM - SOURCE RANGE MONITOR
 - IRM - INTERMEDIATE RANGE MONITOR
 - LPRM - LOCAL POWER RANGE MONITOR
 - APRM - AVERAGE POWER RANGE MONITOR
 - TIP - TRAVERSING IN-CORE PROBE
 - RGE SW - RANGE SWITCH

- LEGEND:
- △ - EMERGENCY RESPONSE INFORMATION SYSTEM
 - ◻ - PROCESS COMPUTER INPUT

TI APERTURE CARD

MPL NO. CSI-1010



POWER RANGE NEUTRON MONITORING (INSTRUMENT PART OF K605 UNLESS OTHERWISE NOTED)

DESIGNATION		DATE	BY	REVISION
GENERAL ELECTRIC		12/15/77	WJ	1
NEUTRON MONITORING SYSTEM				
APPLIED PRACTICES		UNLESS OTHERWISE SPECIFIED		
TOLERANCES ON:		FRACTIONS ± ANGLES ±		
2 PLACE DECIMALS ±		FRACTIONS ± ANGLES ±		
3 PLACE DECIMALS ±		FRACTIONS ± ANGLES ±		
MATERIAL		FMS RIVER BEND 1 & 2		
DRAWING NO.		945E110		
SCALE		AS SHOWN		
SHEET NO.		15		
TOTAL SHEETS		15		
DATE		12/15/77		
DRAWN BY		WJ		
CHECKED BY		WJ		
APPROVED BY		WJ		

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PDR RIDS

