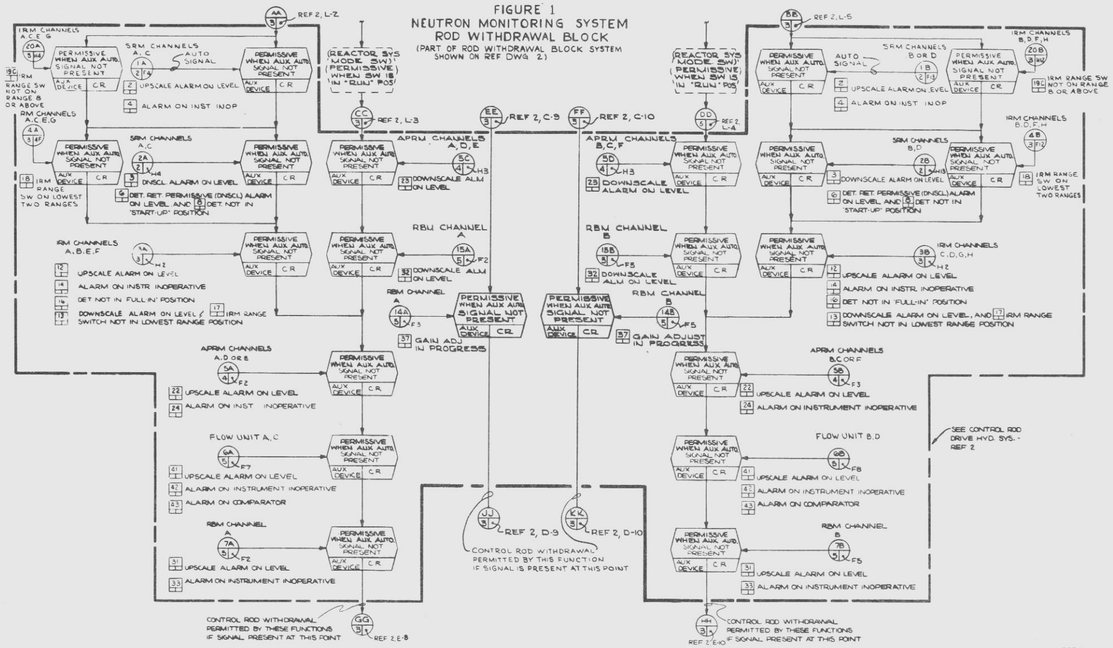

NOTES:
1. INPUTS TO COMPUTER ARE ISOLATED CLOSE TO ALARM CONTACTS.
2. SEE SHEET 7.
3. SEE SHEET 7.
4. THE ENTIRE NEUTRON MONITORING SYSTEM IS A FULLY AUTOMATIC SYSTEM EXCEPT FOR MANUAL OPERATED SWITCHES.
5. ALL EQUIPMENT & INSTRUMENTS ARE PREFIXED BY C51 UNLESS OTHERWISE NOTED.
6. CHANNELS A,C,E & G ARE FOR TRIP SYSTEM A; CHANNELS B,D,F & H ARE FOR TRIP SYSTEM B.

LEGEND:
IRM — INTERMEDIATE RANGE MONITOR
RBM — ROD BLOCK MONITOR
APRM — AVERAGE POWER RANGE MONITOR
SRM — SOURCE RANGE MONITOR
LPRM — LOCAL POWER RANGE MONITOR
TIP — TRAVERSING IN-CORE PROBE
MOC — MULTIPLE OUTPUT CONTROLLER

REFERENCE DOCUMENTS:

NOTE: SYSTEM SELECTION OPTIONS ARE INDICATED BY MULTIPLE MPL ITEM NUMBERS

	MPL ITEM NO
1 NEUTRON MONITORING SYSTEM IED	C51-0010
2 CONTROL ROD DRIVE HYD SYS FCD	C18-C12-1030
3 NUCLEAR BOILER SYS FCD	B21-1030
4 REACTOR PROTECTION SYS IED	C18-C72-1010
5 PROCESS COMPUTER SYSTEM INPUT/OUTPUT REQUIREMENTS DESIGN SPEC	C98-C92-4010
6 LOGIC SYMBOLS	A41-H1010
7 NEUTRON MONITORING SYS. ARRANGEMENT	C51-2010

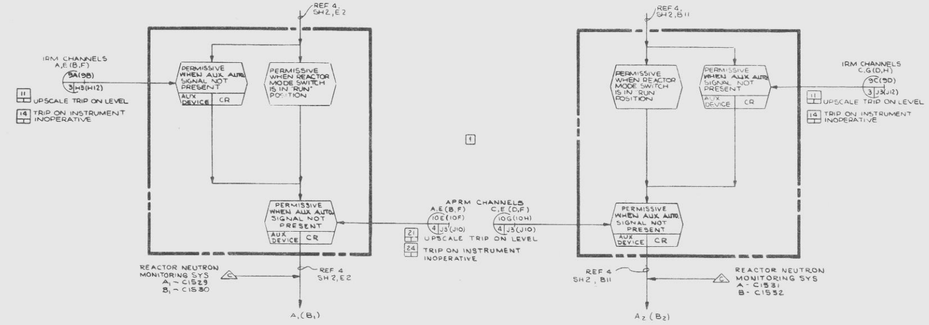

FIGURE 2
NEUTRON MONITORING SYSTEM TRIP
REACTOR PROTECTION SYSTEM TRIP SYSTEM A
(TYPICAL FOR TRIP SYSTEM B~)

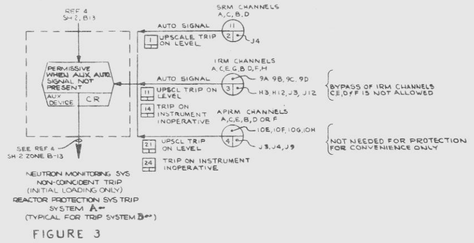

FIGURE 3

FIG 7.6-7
ROD BLOCK INTERLOCKS FROM NEUTRON MONITORING SYSTEM
NINE MILE POINT NUCLEAR STATION - UNIT 2
NIAGARA MOHAWK POWER CORPORATION
PRELIMINARY SAFETY ANALYSIS REPORT