



Notes:

1. RPS shares SSLC processors with MSIV but uses separate software modules and output hardware. Both systems give a fail-safe response to power or communication loss.
2. There are 4 scram groups of 2/4 load drivers (LD) in each of Div I and Div II. The LDs for one scram group are shown (typical for the other 3 scram groups).
3. The NMS inputs 2/4 logic is not performed here, but performed in the NMS.
4. Divisional Trip signals for 2/4 are passed to other DTLU through dual safety network rings.

5. Acronyms

- LD = Load Driver
- MSIV = Main Steam Isolation Valve
- NMS = Neutron Monitoring System
- OLU = Output Logic Unit
- RMU = Remote Multiplexing Unit
- RPS = Reactor Protection System
- DTLU = Digital Trip Logic Unit
- SSLC = Safety System Logic and Control