

1. Reactor vessel low water level.
2. High drywell pressure.
3. Reactor building ventilation exhaust high radiation.
4. Refuel floor ventilation exhaust high radiation.

GROUP 4 : The valves in Group are actuated by any one of the following conditions:

1. HPCI steam line high flow.
2. HPCI steam line space high temperature.
3. HPCI steam line low pressure. (except for HPCI steam line exhaust drain valve AO-4247)

GROUP 4A: The valves in Group 4A are actuated by either of the following conditions:

1. Reactor vessel low-low water level.
2. High drywell pressure.

GROUP 4B: The valve in Group 4B is actuated when both of the following conditions are present:

1. High drywell pressure.
2. HPCI steam line low pressure.

GROUP 5 : The valves in Group 5 are actuated by any one of the following conditions:

1. RCIC steam line high flow.
2. RCIC steam line space high temperature.
3. RCIC steam line low pressure.

GROUP 5A: The valves in Group 5A are actuated by the following condition:

1. Reactor vessel low-low water level.

GROUP 5B: The valve in Group 5B is actuated when both of the following conditions are present:

1. High drywell pressure.
2. RCIC steam line low pressure.

1. Reactor vessel low water level.
2. High drywell pressure.
3. Reactor building ventilation exhaust high radiation.
4. Refuel floor ventilation exhaust high radiation.

GROUP 4 : The valves in Group are actuated by any one of the following conditions:

1. HPCI steam line high flow.
2. HPCI steam line space high temperature.
3. HPCI steam line low pressure. (except for HPCI steam line exhaust drain valve AO-5247)

GROUP 4A: The valves in Group 4A are actuated by either of the following conditions:

1. Reactor vessel low-low water level.
2. High drywell pressure.

GROUP 4B: The valve in Group 4B is actuated when both of the following conditions are present:

1. High drywell pressure.
2. HPCI steam line low pressure.

GROUP 5 : The valves in Group 5 are actuated by any one of the following conditions:

1. RCIC steam line high flow.
2. RCIC steam line space high temperature.
3. RCIC steam line low pressure.

GROUP 5A: The valves in Group 5A are actuated by the following condition:

1. Reactor vessel low-low water level.

GROUP 5B: The valve in Group 5B is actuated when both of the following conditions are present:

1. High drywell pressure.
2. RCIC steam line low pressure.