

2.4.3 Severe Accident I&C

1.0 Description

The severe accident instrumentation and control (I&C) system provides information and controls to properly control the plant during a severe accident.

The severe accident I&C system provides the following non-safety related functions:

- Receives signals from other I&C systems.
- Provides control functions associated with severe accidents.
- Provides indications of severe accident plant parameters in the main control room (MCR).

2.0 Arrangement

2.1 The severe accident I&C equipment is located as listed in Table 2.4.3-1—Severe Accident I&C Equipment.

2.2 Physical separation exists between the four divisions of the severe accident I&C system.

3.0 System Inspections, Tests, Analyses, and Acceptance Criteria

Table 2.4.3-2 lists the severe accident I&C ITAAC

Table 2.4.3-1—Severe Accident I&C Equipment

Equipment Description	Equipment Tag Number ⁽¹⁾	Equipment Location
Severe Accident I&C Cabinet, division 1	30CSE01GW001	Safeguard Building 1
Severe Accident I&C Cabinet, division 2	30CSF01GW001	Safeguard Building 2
Severe Accident I&C Cabinet, division 3	30CSG01GW001	Safeguard Building 3
Severe Accident I&C Cabinet, division 4	30CSH01GW001	Safeguard Building 4

1) Equipment Tag numbers are provided for information and are not part of the design certification.

Table 2.4.3-2—Severe Accident I&C ITAAC

	Commitment Wording	Inspections, Tests, Analyses	Acceptance Criteria
2.1	The severe accident I&C equipment is located as listed in Table 2.4.3-1.	Inspections will be performed of the location of the severe accident I&C equipment.	The equipment listed in Table 2.4.3-1 is located as listed in Table 2.4.3-1.
2.2	Physical separation exists between the four divisions of the severe accident I&C system.	Inspections will be performed to verify that the divisions of the severe accident I&C system are located in separate safeguard buildings.	The four divisions of the severe accident I&C system are located in separate safeguard buildings.