

## **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**

3.1 Table 2.4.3-2—Severe Accident I&C ITAAC specifies the inspections, tests, analyses, and acceptance criteria for the severe accident I&C system.

<b>Table 2.4.3-1—Severe Accident I&amp;C Equipment</b>		
<b>Equipment Description</b>	<b>Equipment Tag Number <sup>(1)</sup></b>	<b>Equipment Location</b>
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**

<b>Commitment Wording</b>	<b>Inspection, Analysis or Test</b>	<b>Acceptance Criteria</b>
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.