

### **3.9 Seismic SSC Interaction**

#### **Design Description**

#### **1.0 System Description**

Non-Seismic Category I SSC will not impair the ability of Seismic Category I SSC to perform their intended safety function.

#### **2.0 Mechanical Design Features**

2.1 Non-Seismic Category I SSC located within a potential impact zone of a Seismic Category I SSC will not impair the ability of the Seismic Category I SSC to perform their intended safety function.

#### **Inspections, Tests, Analyses, and Acceptance Criteria**

Table 3.9-1 lists the seismic SSC interaction ITAAC.

Table 3.9-1—Seismic SSC Interaction ITAAC

Commitment Wording		Inspections, Tests, Analyses	Acceptance Criteria
2.1	Non-Seismic Category I SSC located within a potential impact zone of a Seismic Category I SSC will not impair the ability of the Seismic Category I SSC to perform their intended safety function.	<p>a. Type tests, analyses, or a combination of type tests and analyses will be performed on non-Seismic Category I SSC located within a potential impact zone of a Seismic Category I SSC using analytical assumptions, or under conditions, which bound the Seismic Category I design requirements.</p> <p>b. An inspection will be performed of the as-built non-Seismic Category I SSC located within a potential impact zone of a Seismic Category I SSC verify that non-Seismic Category I SSC, including anchorage, are installed per the approved design requirements.</p>	<p>a. Test/analysis reports conclude that non-Seismic Category I SSC located within a potential impact zone of a Seismic Category I SSC can withstand seismic design basis loads without impairing the ability of the Seismic Category I SSC to perform their intended safety function.</p> <p>b. Inspection reports conclude that non-Seismic Category I SSC located within a potential impact zone of a Seismic Category I SSC, including anchorage, are installed per the approved design requirements.</p>