

**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. | An inspection and analysis will be performed to confirm that as-built non-Seismic Category I SSC will not impair the ability of Seismic Category I SSC to perform their safety function(s). | <p>A report exists that concludes that a 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 its safety function as demonstrated by one of the following criteria:</p> <ul style="list-style-type: none"> <li>● Seismic Category I SSC are isolated from non-Seismic Category I SSC so that interaction does not occur.</li> <li>● Seismic Category I SSC are analyzed to confirm that its safety function is not lost as a result of impact from a non-Seismic Category I SSC.</li> <li>● A Seismic Category II restraint system designed to Seismic Category I requirements is used to verify that no interaction occurs between the Seismic Category I SSC and the non-Seismic Category I SSC.</li> </ul> |