

Table 9.1.4-2: **Classification of Structures, Systems, and Components**

<u>SSC (Note 1)</u>	<u>Location</u>	<u>SSC Classification (A1, A2, B1, B2)</u>	<u>Augmented Design Requirements (Note 2)</u>	<u>Quality Group/Safety Classification (Ref. RG 1.26 or RG 1.143) (Note 3)</u>	<u>Seismic Classification (Ref. RG 1.29 or RG 1.143) (Note 4)</u>
<b>FHE, Fuel Handling Equipment</b>					
<ul style="list-style-type: none"> <li>• <u>Fuel handling machine</u></li> <li>• <u>New fuel elevator</u></li> </ul>	RXB	B2	<ul style="list-style-type: none"> <li>• <u>ANSI-ANS-57.1-1992</u></li> <li>• <u>RG 1.244</u></li> <li>• <u>ANSI/ANS-57.2-1983 (with additions, clarifications, and exceptions of RG 1.13)</u></li> </ul>	N/A	I
<u>New fuel jib crane</u>	RXB	B2	<ul style="list-style-type: none"> <li>• <u>ANSI/ANS 57.1-1992</u></li> <li>• <u>ANSI/ANS 57.2-1983 (with additions, clarifications and exceptions of RG 1.13)</u></li> </ul>	N/A	II

Note 1: Acronyms used in this table are listed in Table 1.1-1

Note 2: Additional augmented design requirements, such as the application of a Quality Group, Radwaste safety, or seismic classification, to nonsafety-related SSC are reflected in the columns Quality Group / Safety Classification and Seismic Classification, where applicable. Environmental Qualifications of SSC are identified in Table 3.11-1.

Note 3: Section 3.2.2.1 through Section 3.2.2.4 provides the applicable codes and standards for each RG 1.26 Quality Group designation (A, B, C, and D). A Quality Group classification per RG 1.26 is not applicable to supports or instrumentation that do not serve a pressure boundary function. Section 3.2.1.4 provides a description of RG 1.143 classification for RW-IIa, RW-IIb, and RW-IIc.

Note 4: Where SSC (or portions thereof) as determined in the as-built plant that are identified as Seismic Category III in this table could, as the result of a seismic event, adversely affect Seismic Category I SSC or result in incapacitating injury to occupants of the control room, they are categorized as Seismic Category II consistent with Section 3.2.1.2 and analyzed as described in Section 3.7.3.8.