



WLS COL 2.5-2

Notes: MESE-N and NMESE-N geometries (left panel) modified after Figure 6.2-1 of the CEUS SSC report (NUREG 2115). MESE-W and NMESE-W geometries (right panel) modified after Figure 6.2-2 of the CEUS SSC report (NUREG 2115). The Study Region Mmax zone encompasses both the MESE and NMESE zones. Earthquakes are from the CEUS SSC catalog (NUREG 2115).

Mmax Zones:

MESE - N = Mesozoic and younger extended prior - narrow
 NMESE - N = Non-Mesozoic and younger extended prior - narrow
 MESE - W = Mesozoic and younger extended prior - wide
 NMESE - W = Non-Mesozoic and younger extended prior - wide

RLME Seismic Sources:

Charleston - regional source
 Charleston - narrow source
 Charleston - local source

**WILLIAM STATES LEE III
 NUCLEAR STATION UNITS 1 & 2**

CEUS SSC Mmax Zones and RLMEs
 in the Site Region