



**WLS COL 2.5-2**

Notes: Depiction of PEZ-W with MidC-C and Reelfoot Rift (RR) in left panel modified after Figure 7.1-3 of CEUS SSC report (NUREG 2115). Depiction of PEZ-W with MidC-D and Reelfoot Rift with Rough Creek Graben (RR-RCG) in right panel modified after Figure 7.1-4 of the CEUS SSC report (NUREG 2115).

**Seismotectonic Source Zones:**

AHEX = Atlantic Highly Extended Crust  
 ECC-AM = Extended Continental Crust - Atlantic Margin  
 ECC-GC = Extended Continental Crust - Gulf Coast  
 GHEX = Gulf Coast Highly Extended Crust  
 GMH = Great Meteor Hotspot  
 IBEB = Illinois Basin Extended Basement

MidC-A = Midcontinent-Craton (not shown)  
 MidC-B = Midcontinent-Craton (not shown)  
 MidC-C = Midcontinent-Craton  
 MidC-D = Midcontinent-Craton  
 NAP = Northern Appalachian  
 OKA = Oklahoma Aulacogen

PEZ-N = Paleozoic Extended Crust Zone - narrow  
 PEZ-W = Paleozoic Extended Crust Zone - wide (not shown)  
 RR = Reelfoot Rift  
 RR-RCG = Reelfoot Rift with Rough Creek Graben  
 SLR = St. Lawrence Rift, including the Ottawa and Saguenay Grabens

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

CEUS SSC Seismotectonic Zones  
 Models C and D