



# 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

FIGURE 2.5.2-253 Rev 8