

## PMLevyCOLPEm Resource

---

**From:** Waters, David [David.Waters@pgnmail.com]  
**Sent:** Monday, July 02, 2012 4:07 PM  
**To:** Habib, Donald  
**Subject:** Letter 108 Draft RAI Response  
**Attachments:** Pages from NRC Letter 108 RAI L-0998 Response - Draft 07-02-12\_Part2 Section 1.pdf

Pages 45-54 of draft response

**Hearing Identifier:** Levy\_County\_COL\_Public  
**Email Number:** 1168

**Mail Envelope Properties** (7FD614EFA33B03448166AF44364F42AE0E6786C0FD)

**Subject:** Letter 108 Draft RAI Response  
**Sent Date:** 7/2/2012 4:06:53 PM  
**Received Date:** 7/2/2012 4:07:35 PM  
**From:** Waters, David

**Created By:** David.Waters@pgnmail.com

**Recipients:**  
"Habib, Donald" <Donald.Habib@nrc.gov>  
Tracking Status: None

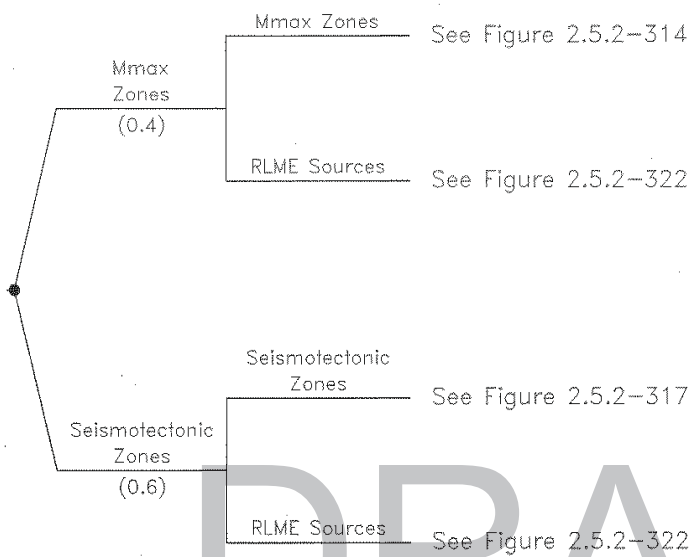
**Post Office:** WN000075.oak.zone1.progress-energy.com

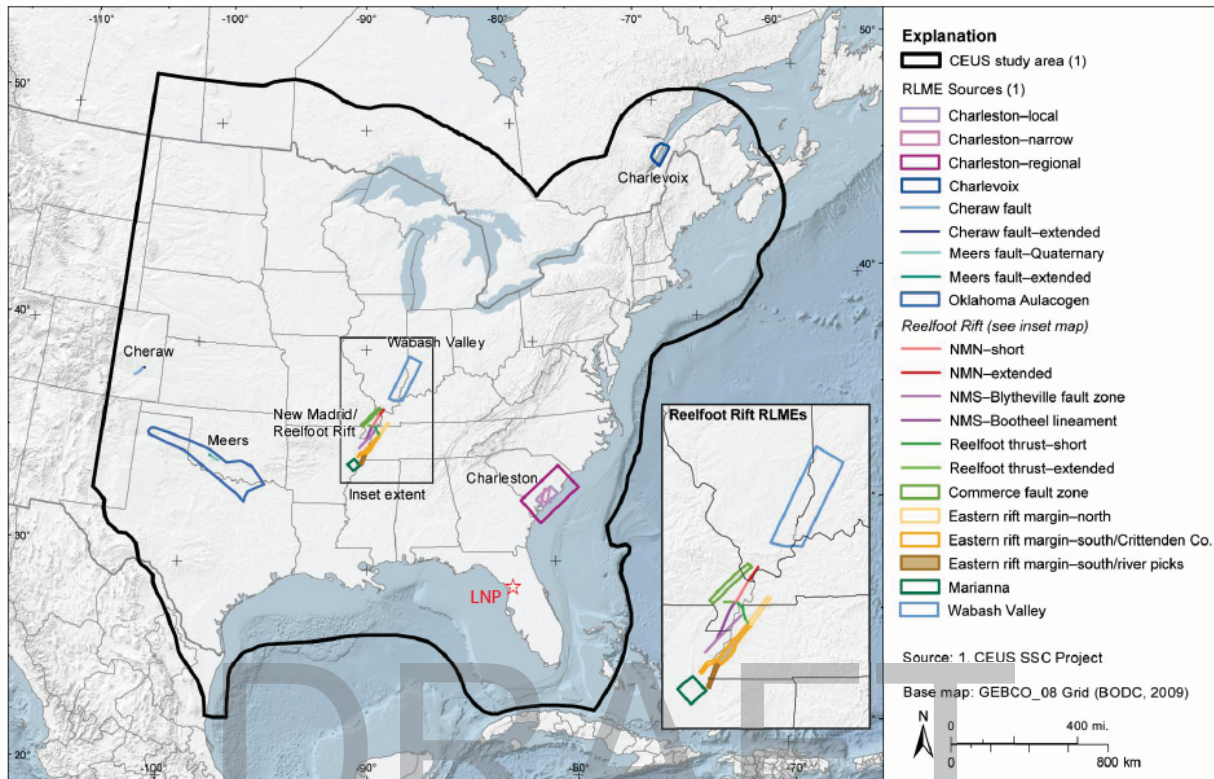
Files	Size	Date & Time
MESSAGE	29	7/2/2012 4:07:35 PM
Pages from NRC Letter 108 RAI L-0998 Response - Draft 07-02-12_Part2 Section 1.pdf		
5338226		

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

**New FSAR Figures**

<i>Conceptual Approach</i>	<i>Source Groups</i>
--------------------------------	--------------------------

**Figure 2.5.2-312: CEUS SSC model master logic tree.**



**Figure 2.5.2-313:** Location of RLME sources in the CEUS SSC model. Approximate location of the LNP site is shown by the red star.

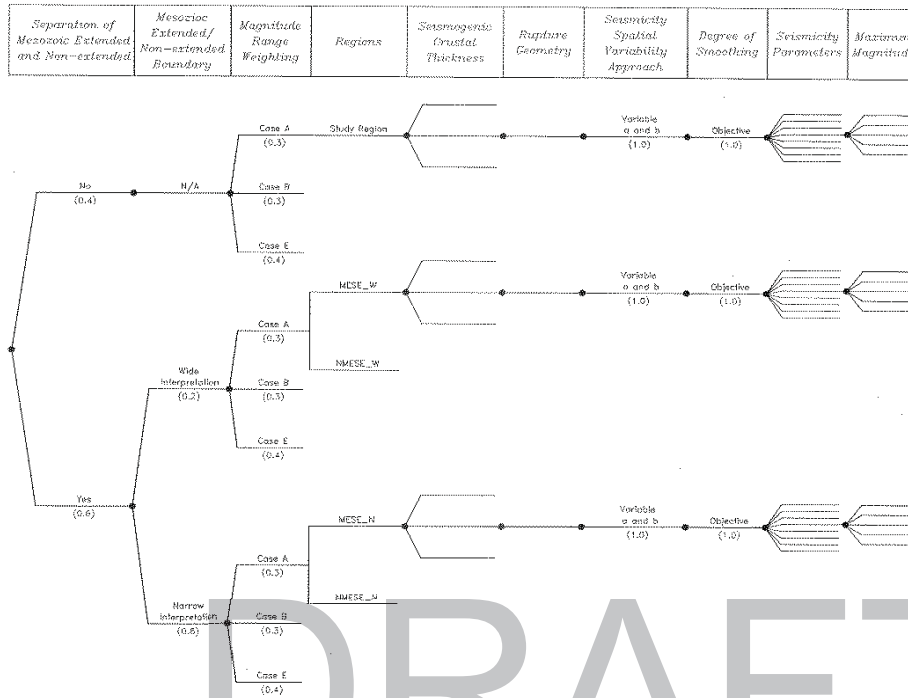
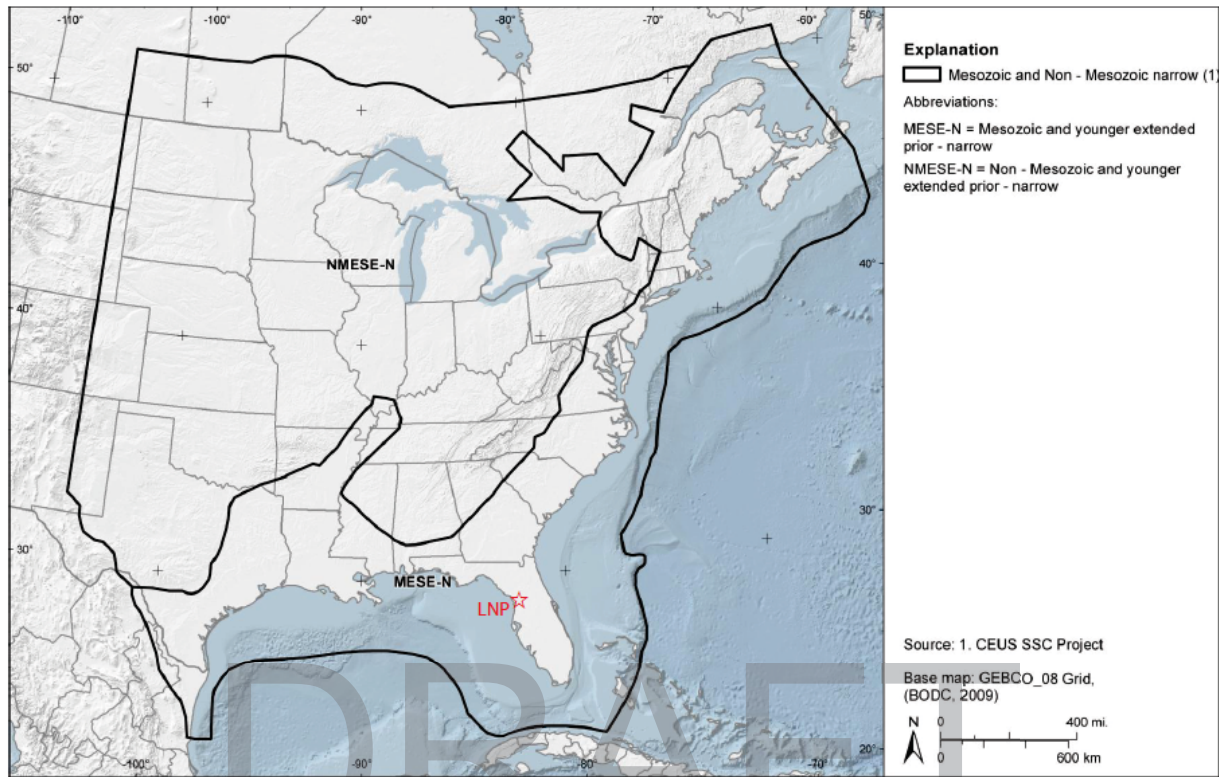
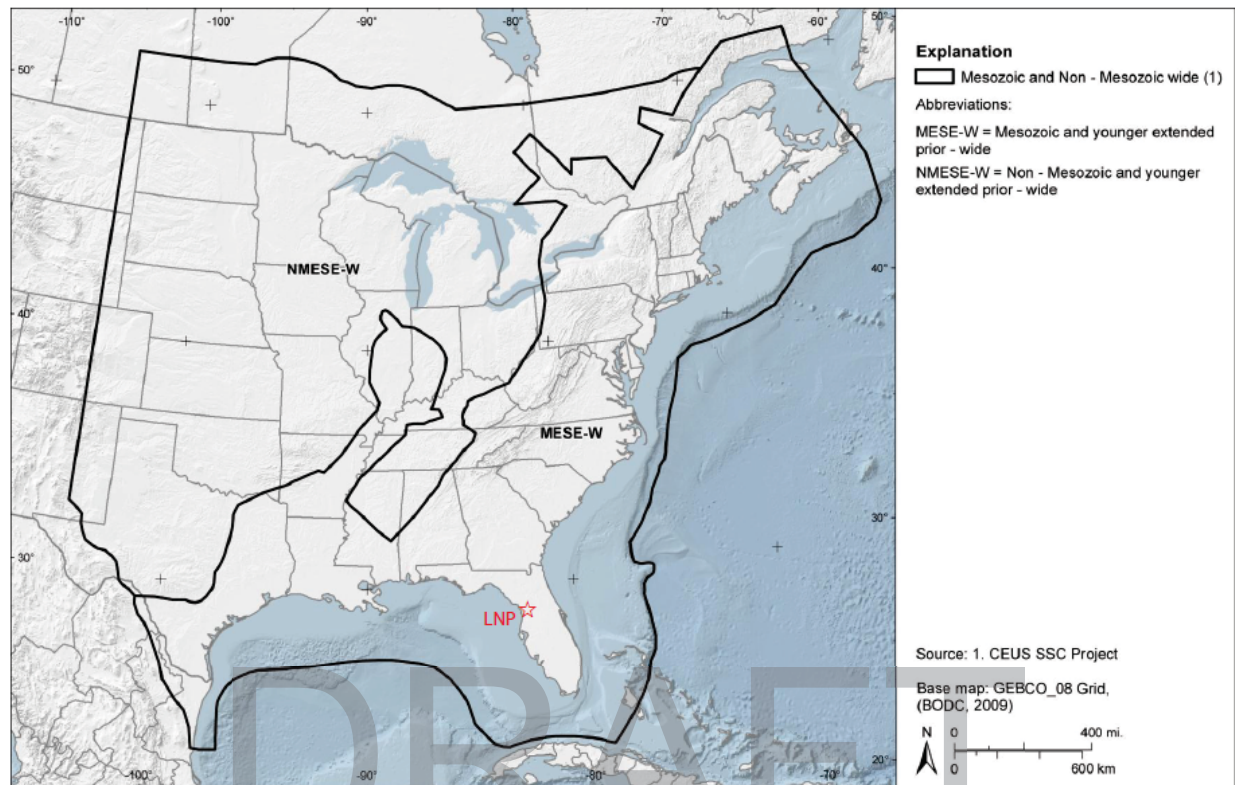


Figure 2.5.2-314: CEUS SSC model logic tree for the Mmax source zones.



**Figure 2.5.2-315:** Mmax source zones from the CEUS SSC model for the “narrow” interpretation. Approximate location of the LNP site is shown by the red star.



**Figure 2.5.2-316:** Mmax source zones from the CEUS SSC model for the “wide” interpretation. Approximate location of the LNP site is shown by the red star.



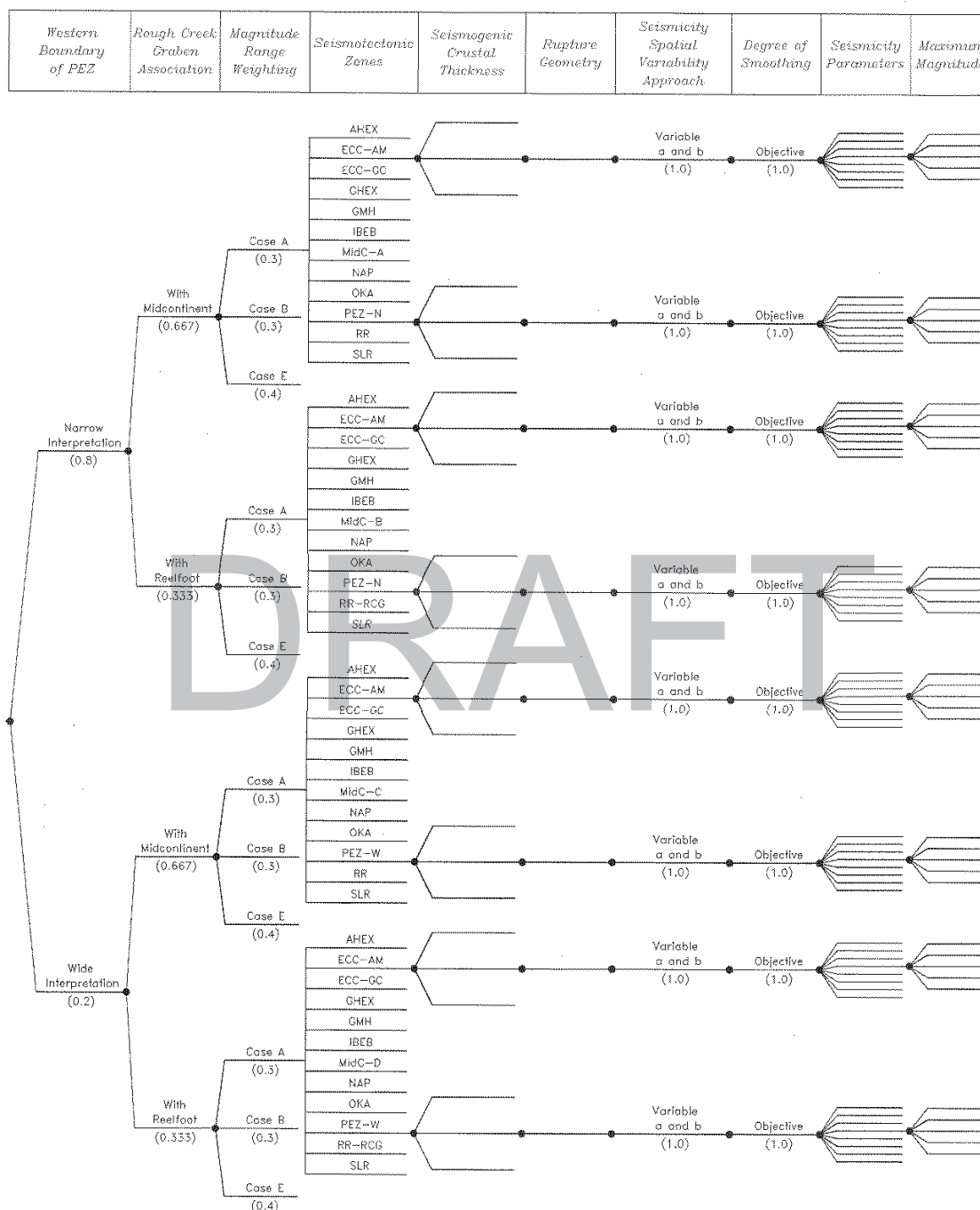
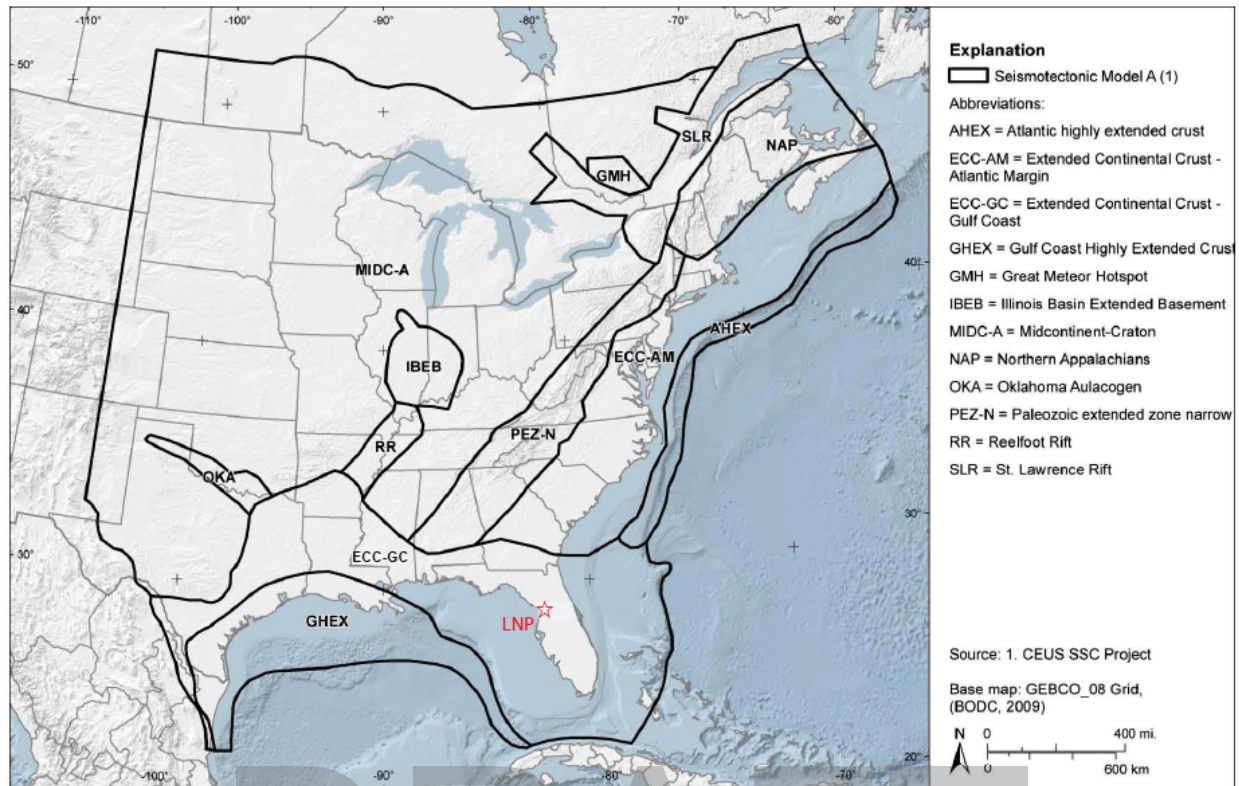
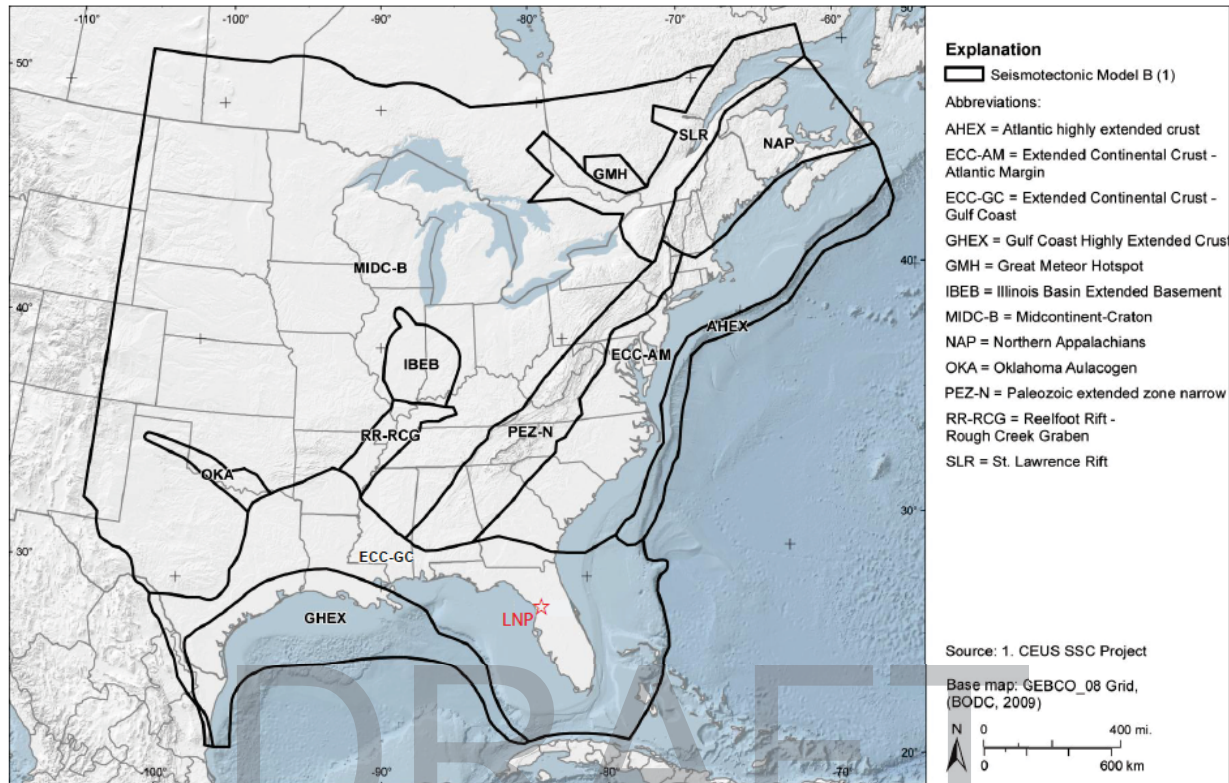


Figure 2.5.2-317: CEUS SSC model logic tree for Seismotectonic source zones.

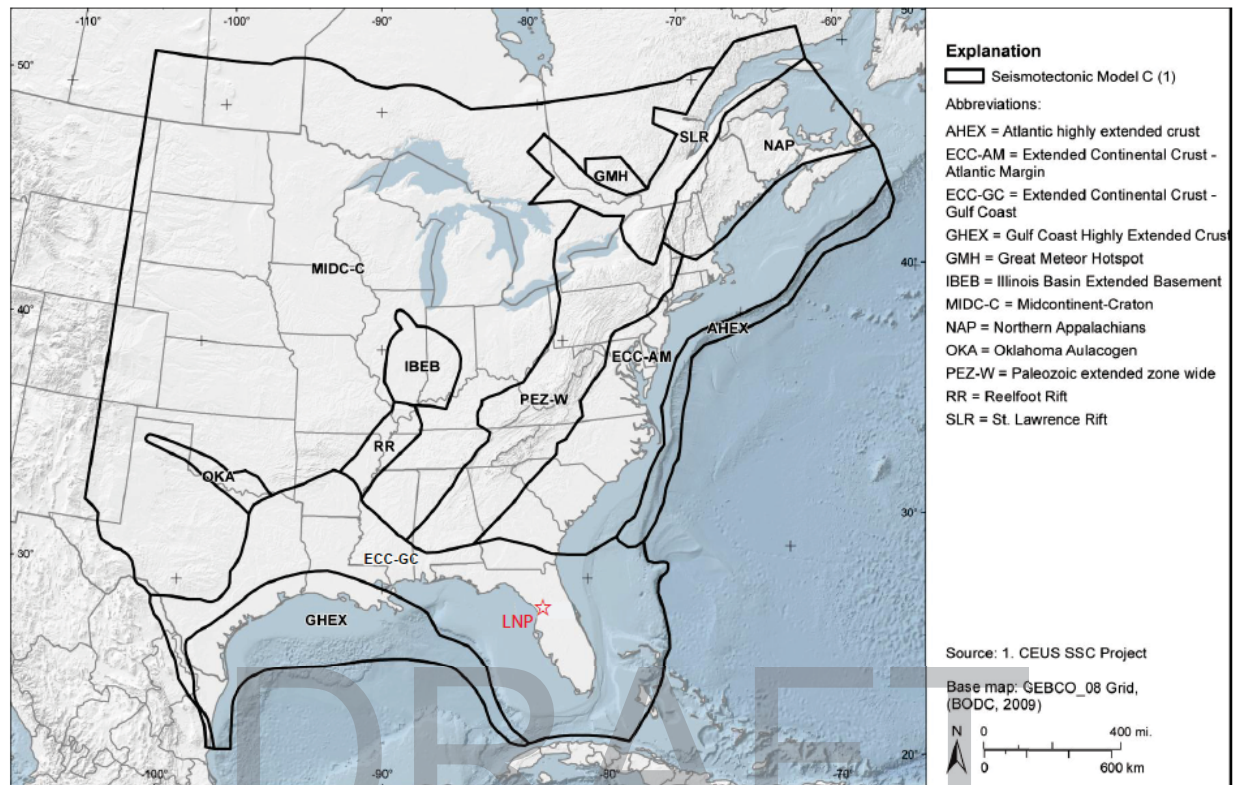




**Figure 2.5.2-318:** Map of Seismotectonic source zones for the “narrow” interpretation of PEZ and the Rough Creek Graben not included as part of the Reelfoot Rift (RR) source. Approximate location of the LNP site is shown by the red star.

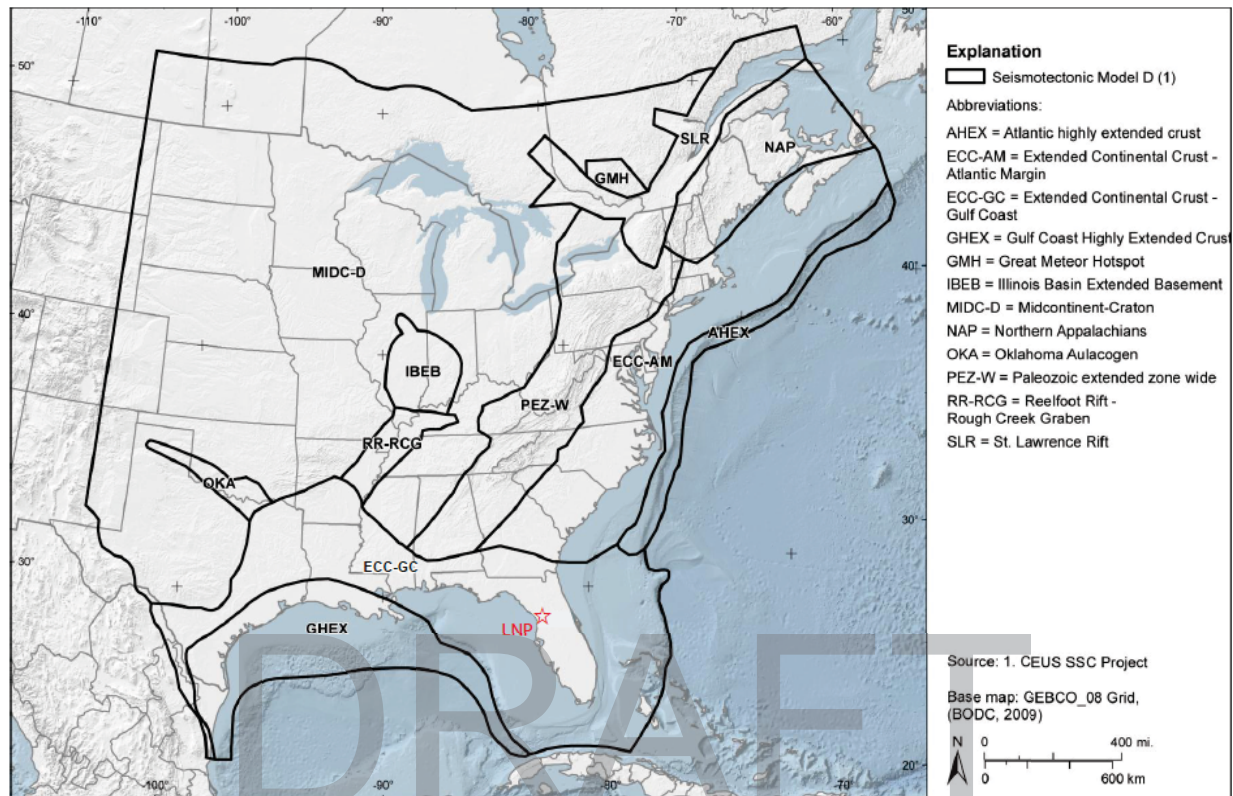


**Figure 2.5.2-319:** Map of Seismotectonic source zones for the “narrow” interpretation of PEZ and the Rough Creek Graben included as part of the Reelfoot Rift (RR-RCG) source. Approximate location of the LNP site is shown by the red star.



**Figure 2.5.2-320:** Map of Seismotectonic source zones for the “wide” interpretation of PEZ and the Rough Creek Graben not included as part of the Reelfoot Rift (RR) source. Approximate location of the LNP site is shown by the red star.





**Figure 2.5.2-321:** Map of Seismotectonic source zones for the “wide” interpretation of PEZ and the Rough Creek Graben included as part of the Reelfoot Rift (RR-RCG) source. Approximate location of the LNP site is shown by the red star.