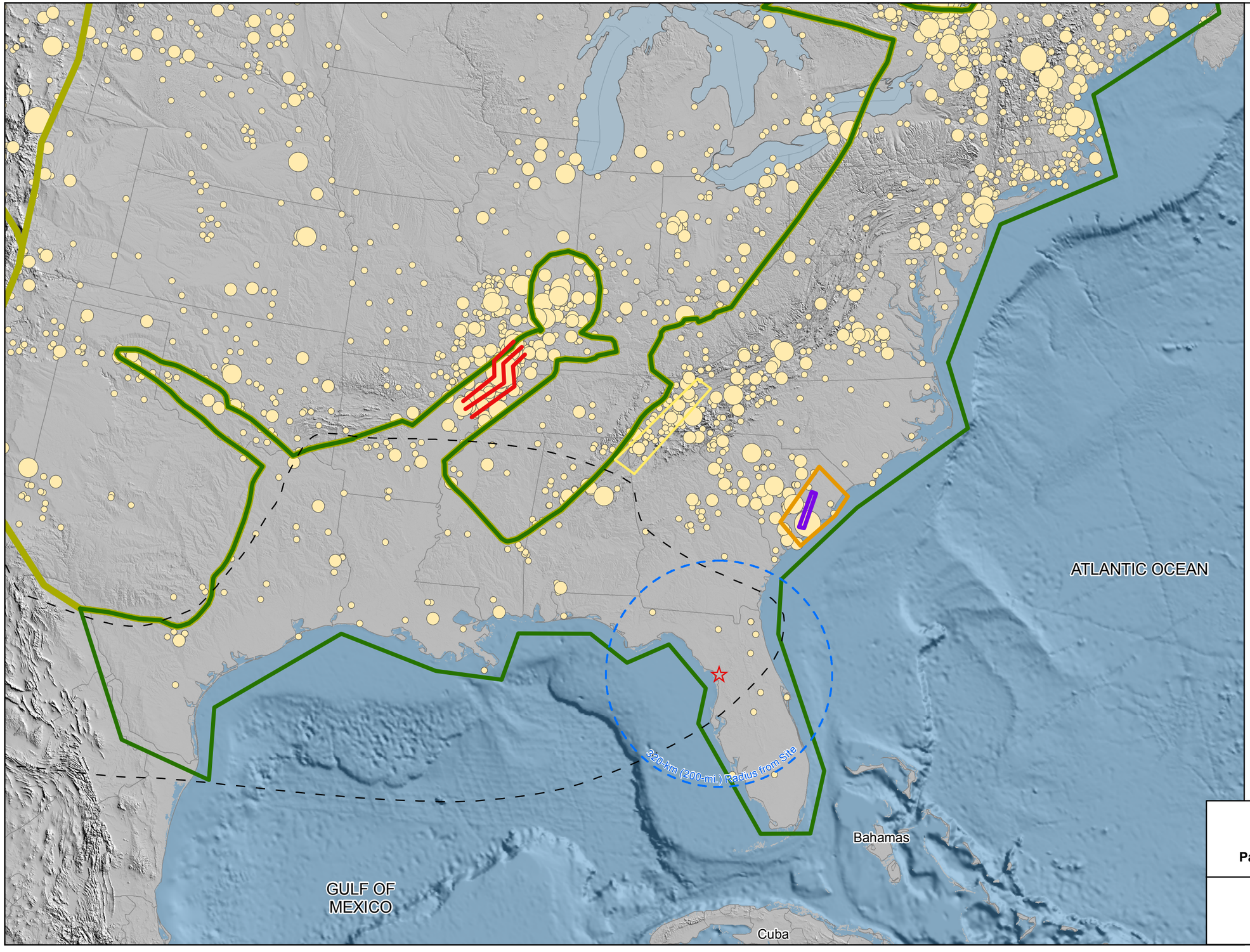

N
W E
S

LEGEND

LNP Site

320-km (200-mi.) Radius from Site

Gulf Coast Region (EPRI, 1993)

National Seismic Hazard Mapping Project Catalog (1534 - 2002) (Source: USGS, 2002)

Magnitude (m_b for CEUS)

- 3.0- 3.9
- 4.0 - 4.9
- 5.0- 5.9
- 6.0 - 6.9
- 7.0 - 8.5

USGS 1996 and 2002 source zones (Frankel et al., 1996 and 2002)

- Charleston Regional Source Zone
- Charleston Localized Source Zone
- Margin Boundary - **M** 7.5
- New Madrid Fault Trace
- Craton Zone - **M** 7.0
- East Tennessee Regional Source Zone

Base Maps: Shaded Relief Map From 2-Minute Gridded Global Relief Data (ETOPO2v2, 2006), and SRTM (2005)

0 100 200 400
Kilometers

0 50 100 200
Miles

Progress Energy Florida

Levy Nuclear Plant
Units 1 and 2
Part 2, Final Safety Analysis Report

USGS National Seismic Hazard Mapping Project Source Model

FIGURE 2.5.2-211

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