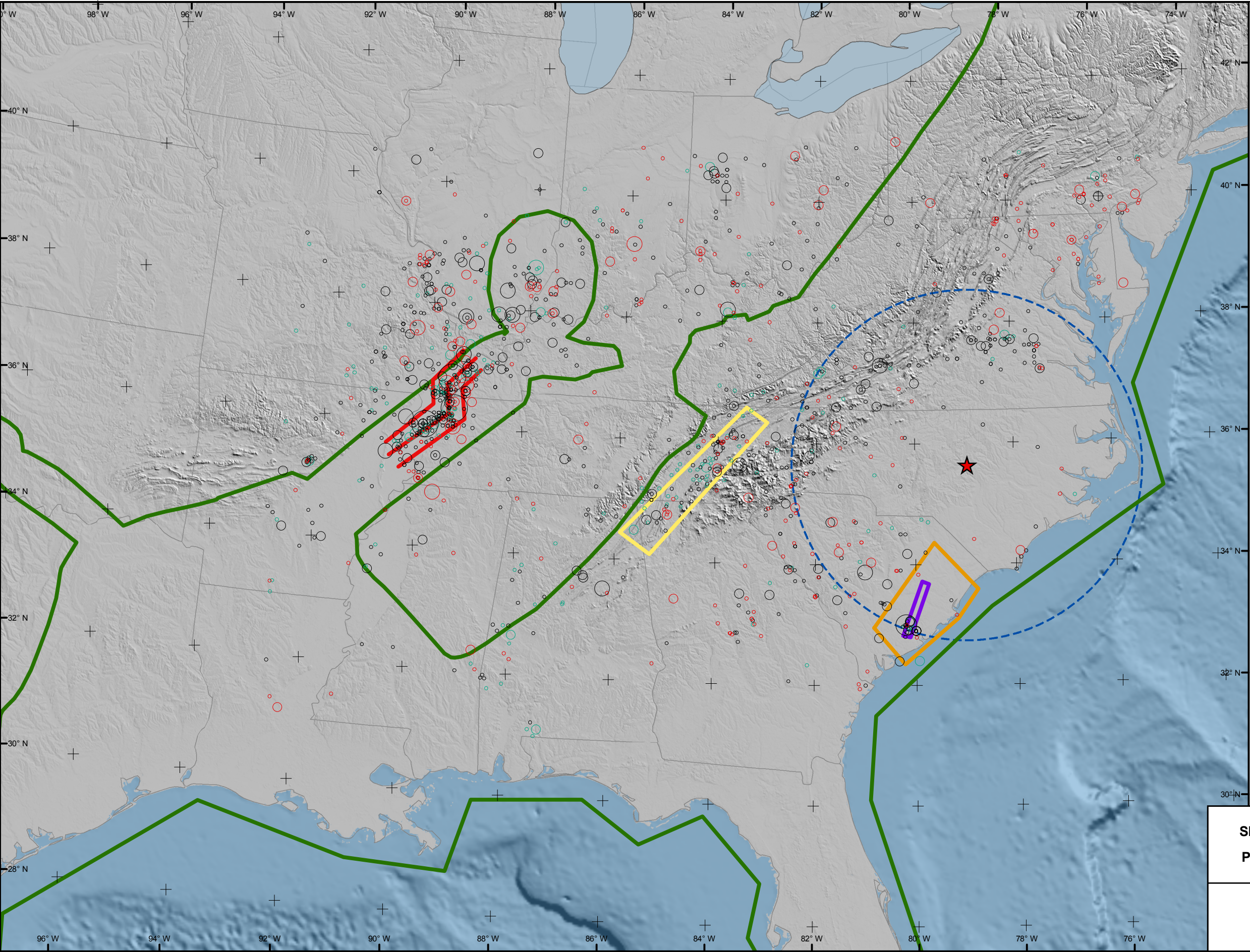




LEGEND

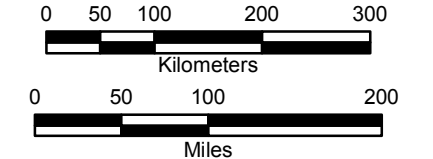
- HAR Site
- 320-km (200-mi.) Radius from Site
- USGS 2002 source zones (Frankel et al., 2002)
 - Charleston Regional Source Zone
 - Charleston Localized Source Zone
 - Margin Boundary - M7.5
 - New Madrid Fault Trace
 - East Tennessee Regional Source Zone

Independent Seismicity Catalog (1758 - 2006)
(Source: Geomatrix, 2007)

- Magnitude (m_b)
- 3.0 - 3.9
 - 4.0 - 4.9
 - 5.0 - 5.9
 - 6.0 - 6.9
 - 7.0 - 8.5
- EPRI-SOG (1758 - 1985)
- Post-EPRI-SOG (1985 - 2006)
- Added Historical

Base Map: ESRI (2004), NOAA (2006), and USGS (2007)

Grid is in WGS84 Coordinate System (degrees)



Progress Energy Carolinas

**Shearon Harris Nuclear Power Plant
Units 2 and 3**

Part 2, Final Safety Analysis Report

New Hill, North Carolina

USGS National Seismic Hazard
Mapping Project Source Model

FIGURE 2.5.2-210

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