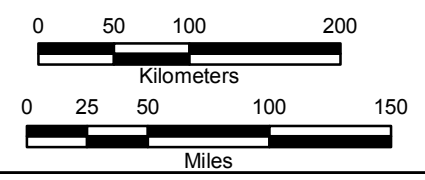


LEGEND

- HAR Site
 - 320-km (200-mi.) Radius from Site
 - Seismic Source Zones (Savy et al., 2002)**
 - Charleston**
 - 1A
 - 1C
 - 1B
 - 1D
 - Background Zones**
 - Appalachian/Central United States 5-1
 - 5-2
 - 5-3
 - SC-GA Piedmont/Coastal Plain**
 - 3A-1
 - 3A-2
 - 3A-3
 - 3B
 - 3C
 - Central Virginia Seismic Zone**
 - 6
 - Coast Plain Zone**
 - 7
 - Offshore**
 - 8
 - East Tennessee Seismic Zone (ETSZ)**
 - 4A-1
 - 4A-2
 - 4A-3
- 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



Progress Energy Carolinas
Shearon Harris Nuclear Power Plant
Units 2 and 3
Part 2, Final Safety Analysis Report
 New Hill, North Carolina

LLNL TIP Seismic Source Zones
 FIGURE 2.5.2-209
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