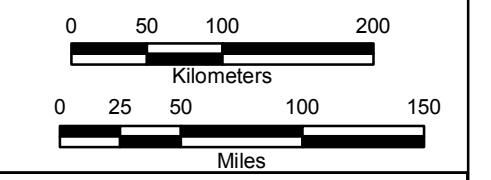


LEGEND

- ★ HAR Site
- 320-km (200-mi.) Radius from Site
- Seismic Source Zones (Savy et al., 2002)**
- Charleston**
 - 1A
 - 1C
 - 1B
 - 1D
- Background Zones**
 - 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