



**LEGEND**

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

0

50

100

200

300

Kilometers

0

50

100

200

Miles

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

Earthquake Catalog for HAR  
FIGURE 2.5.2-201