












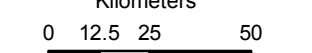
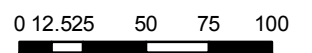


LEGEND

-  HAR Site
 -  320-km (200-mi.) Radius from Site
 -  80-km (50-mi.) Radius from Site
 -  Postulated East Coast Fault System (ECFS) (Marple and Talwani, 2000)
 -  Modeled Source (This study) (ECFS-C and ECFS-N)
- 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**
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Location of the Postulated
 East Coast Fault System
 FIGURE 2.5.2-214