












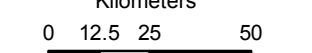
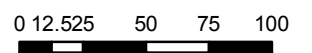


**LEGEND**

-  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  
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 Units 2 and 3**  
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Location of the Postulated  
 East Coast Fault System  
 FIGURE 2.5.2-214