



**Explanation**

- Cities
- Rivers
- Pre-1986 Faults
- Post-1986 Fault
- Proposed East Coast Fault System (Marple and Talwani, 2000)

**Earthquake Epicenters**  
 South Carolina Seismic Network (SCSN) (1974-2002)  
 (by Magnitude, M<sub>c</sub>)

- 0.00 - 1.00
- 1.01 - 2.00
- 2.01 - 3.00
- 3.01 - 4.00
- 4.01 - 5.00

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Source: Southern Nuclear Company (2006)

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

Local Charleston Seismicity  
 FIGURE 2.5.1-225 Rev. 0