84°W
82°W
80°W
78°W
76°W
36°N
34°N
32°N
Site
EAST COAST FAULT SYSTEM
?
Figure 2.5.1-216
1886 Intensity Center of Bakun & Hopper (2004)
N
0 50 100 mi
0 50 100 km

Explanation

Pre-1986 Fault
Post-1986 Fault
Bowman Seismic Zone (Smith & Talwani, 1985)
Middleton Place Summerville Seismic Zone (Madabhushi & Talwani, 1990)

Liquefaction Features

Paleoliquefaction Site (Amick et al., 1990 and Talwani & Schaeffer, 2001)
1886 Liquefaction Feature (Amick et al., 1990)
Liquefaction Feature of unknown age (Amick et al., 1990)
"Reported" 1886 Liquefaction Feature (Talwani & Schaeffer, 2001; Fig.1)

1886 Charleston Isoseismals (Bollinger, 1977)

Intensity
VI
VII
VIII
IX
X

Earthquake Epicenters (by Magnitude, m_b)

EPRI catalog (1627 - 1984)	Eastern US seismicity (1985 - 2003)
3.00 - 3.99	3.00 - 3.99
4.00 - 4.99	4.00 - 4.70
5.00 - 5.99	
6.00 - 6.99	
7.00 - 7.35	

WLS COL 2.5-1

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Regional Charleston Tectonic Features

FIGURE 2.5.1-215 Rev 0