90° W
85° W
80° W
75° W
70° W
35° N
30° N
200-mile radius
Site
ATLANTIC OCEAN
Gulf of Mexico
Extent of EPRI Seismicity Update
N
0 100 200 Miles
0 100 200 Kilometers

Sources Contributing to 99% of Site Hazard

- 24 - Charleston
- 25 - Southern Appalachians
- 26 - South Carolina Zone
- 27 - TN VA border zone
- 28 - Giles County

Earthquake Epicenters
(by estimated body wave magnitude, Emb)

EPRI Catalog Main Events (1627 - 1984)	Eastern US seismicity (1985 - 2005)
3.00 - 3.99	3.00 - 3.99
4.00 - 4.99	4.00 - 4.99
5.00 - 5.99	
6.00 - 6.99	
7.00 - 7.15	

WLS COL 2.5-2

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

EPRI Seismic Source Zones
from Rondout Associates Team

FIGURE 2.5.2-206 Rev 0