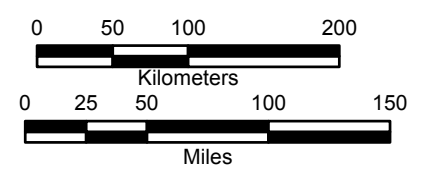


LEGEND

- ★ LNP Site
 - - - 320-km (200-mi.) Radius from Site
- Seismic Source Zones (Savy et al., 2002)
- | | |
|---|--------------------------------------|
| Charleston | Background Zones |
| 1A | Appalachian/Central United States |
| 1C | 5-1 |
| 1B | 5-2 |
| 1D | 5-3 |
| SC-GA Piedmont/Coastal Plain | Central Virginia Seismic Zone |
| 3A-1 | 6 |
| 3A-2 | Coast Plain Zone |
| 3A-3 | 7 |
| 3B | Offshore |
| 3C | 8 |
| East Tennessee Seismic Zone (ETSZ) | |
| 4A-1 | |
| 4A-2 | |
| 4A-3 | |

Independent Seismicity Catalog (1758 - 2007)

- Magnitude (Emb)**
- 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 - 2007)
 - Added Historical



Duke Energy Florida
Levy Nuclear Plant
Units 1 and 2
Part 2, Final Safety Analysis Report

LLNL TIP Seismic Source Zones
 FIGURE 2.5.2-210
 Rev 6