

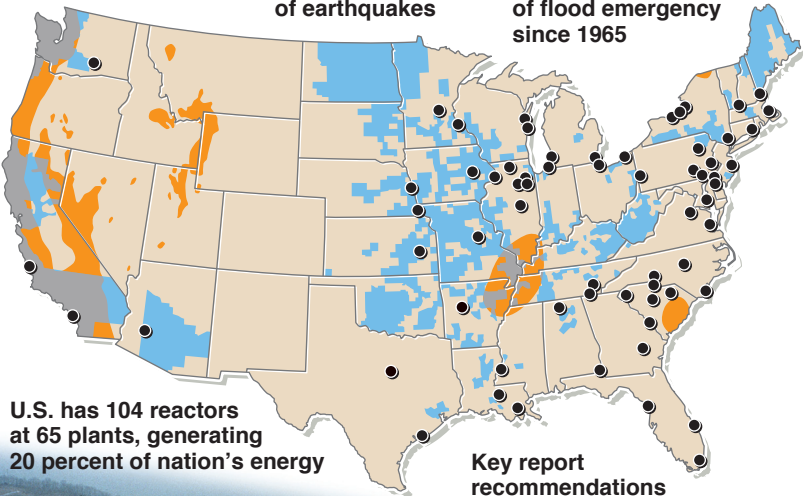
# U.S. nuclear report urges plant overhaul

A key task force convened by the Nuclear Regulatory Commission has called Japan's Fukushima incident "unacceptable" and concluded that U.S. nuclear plants need better protection for rare, catastrophic events

● Nuclear plant

■ Highest risk of earthquakes

■ Highest incidence of flood emergency since 1965



U.S. has 104 reactors  
at 65 plants, generating  
20 percent of nation's energy

## Key report recommendations

- ▶ Plants to assess seismic and flood hazards every 10 years
- ▶ Reactors to cope with power loss of eight hours, and provide emergency cooling for 72 hours
- ▶ Hardened vents to be fitted to U.S. Fukushima-type reactors
- ▶ To plan for disasters affecting multiple reactors at one site
- ▶ To have adequate monitoring and backup cooling systems for spent fuel pools

▲ **Three Mile Island:** Site of most serious U.S. nuclear accident in 1979, when partial meltdown occurred in reactor 2

