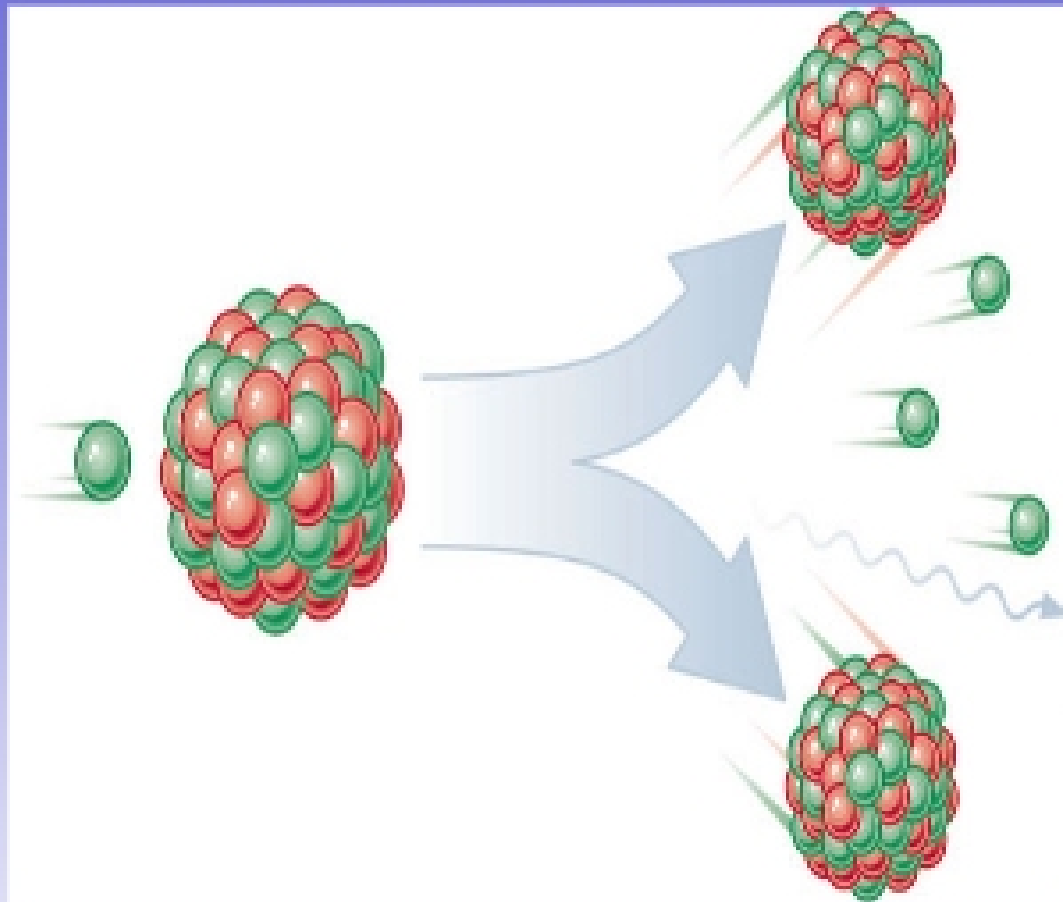


NUCLEAR ENERGY

Fission: History and Overview



- Discovered 1938 Otto Hahn and Fritz Strassmann
- Presented 1939 Lise Meitner Otto Frisch
- Research of Nuclear Fission began U.S. Weapons Program
- 1942 First Controlled self sustaining fission reaction, Enrico Fermi
- Nuclear Fission Creates electricity
- Three types of nuclear energy, Fission reactions, Fusion reactions, and Radioactive decay

World nuclear plants

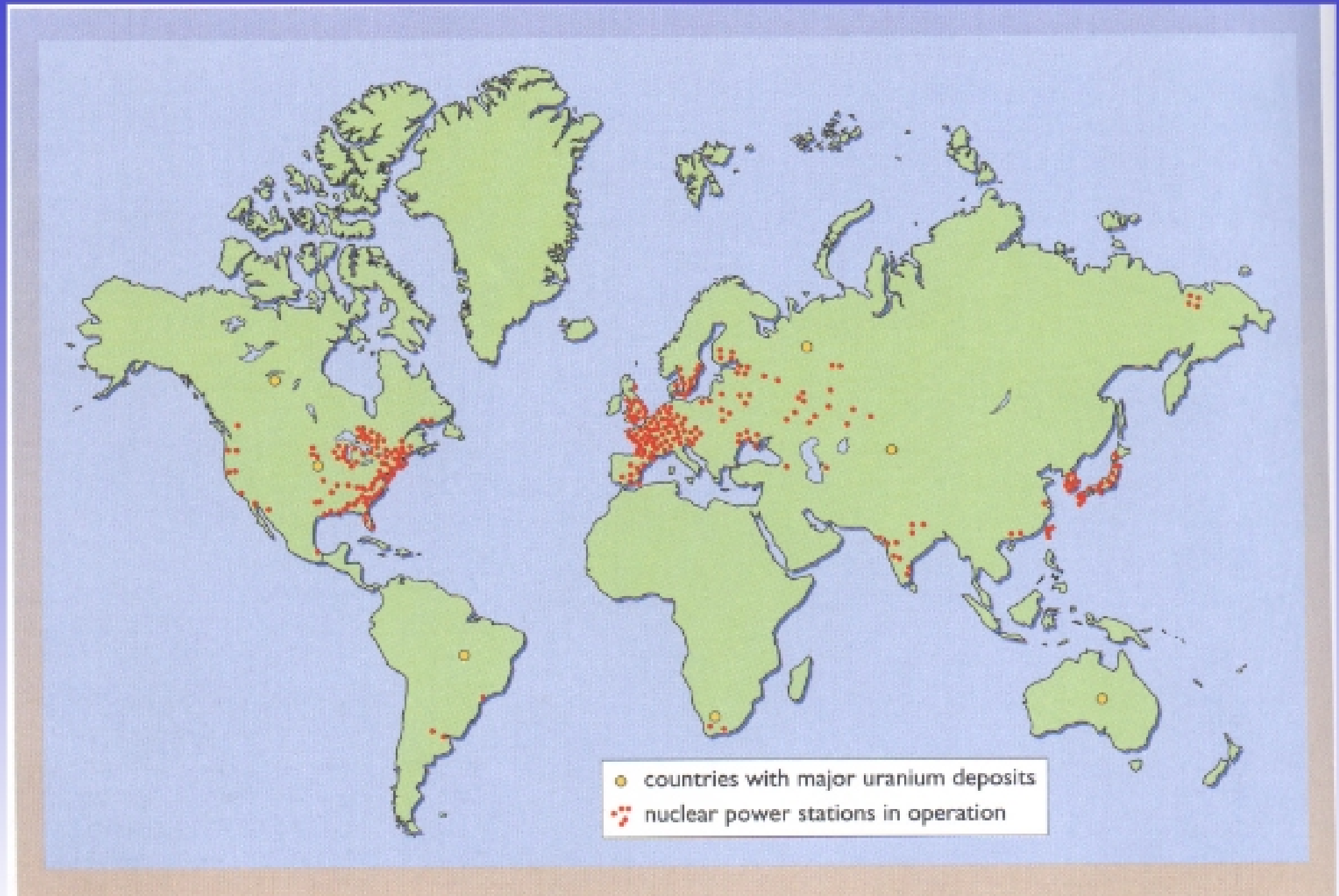


Figure 11.1 Map of reactor locations around the world. Locations and numbers of dots are approximate. There are currently 439 reactors operating in 31 countries