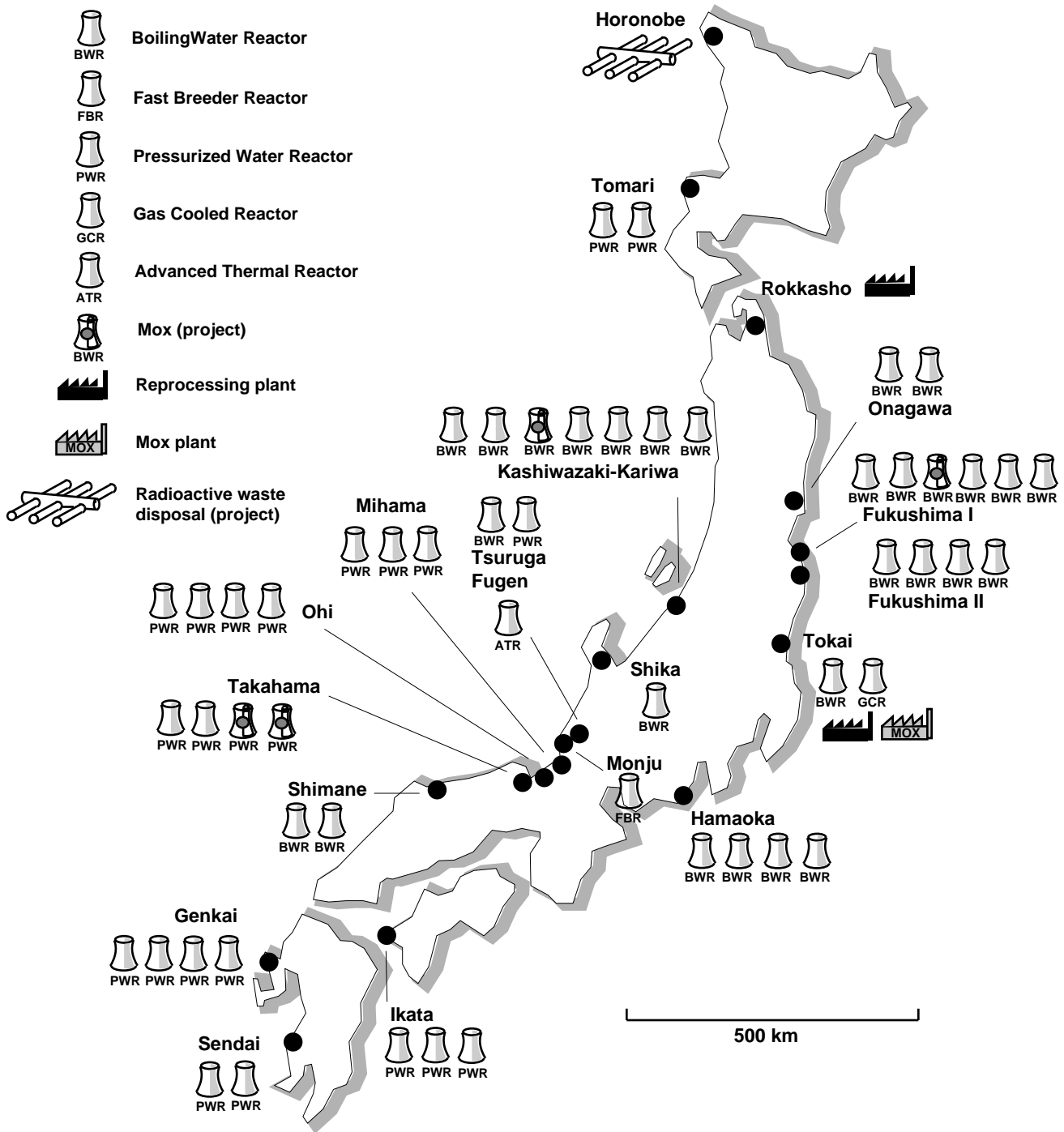


Plutonium in Japan



Nuclear Power Plants

Japanese power plants (as of 1 January 1998):

- 1 gas-cooled reactor (GCR), 28 boiling-water reactors (BWRs), 23 pressurised water reactors (PWRs), one advanced thermal reactor (ATR), and one fast-breeder reactor (FBR)

Reprocessing Plants

Tokai: Demonstration reprocessing plant

Rokkasho-mura: 800 metric tons reprocessing plant, under construction.

MOX Fuel Fabrication

Tokai-mura: Two small scale demonstration MOX fuel fabrication plants are in operation.

Reactors to be loaded with MOX

There is currently no reactor licensed to load MOX fuel. However, it is currently believed that Tokyo Electric will start to request licenses for Fukushima I-3. Also under discussion is the Kashiwasaki-3 unit. Kansai Electric has planned to have its Takahama-3 and -4 PWRs loaded with MOX fuel in 1999 and 2000 - an unrealistic time frame.