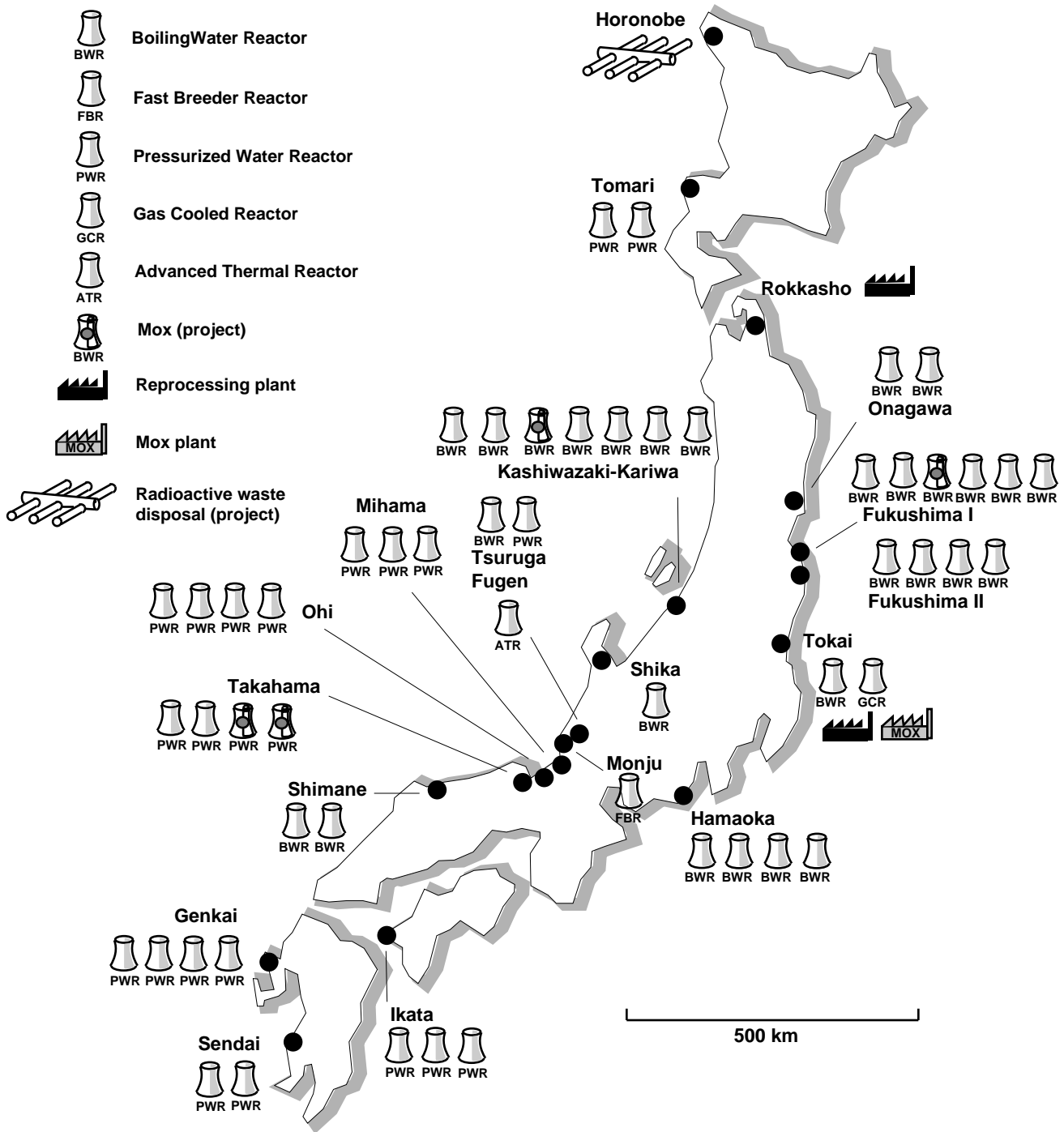


# Plutonium in Japan



## **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.