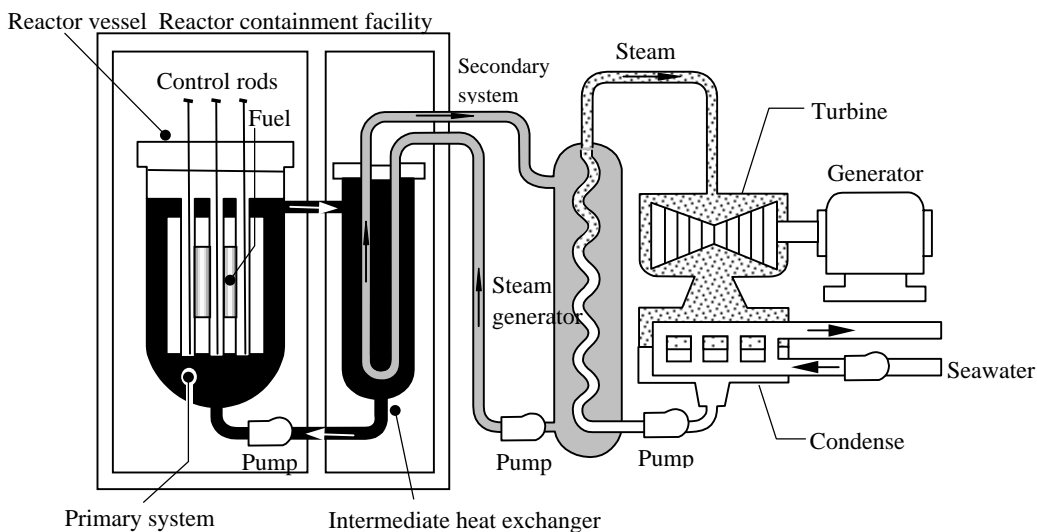


Mechanism of FBR and Items Subject to Research and Development at "Monju"

Mechanism of Fast Breeder Reactor



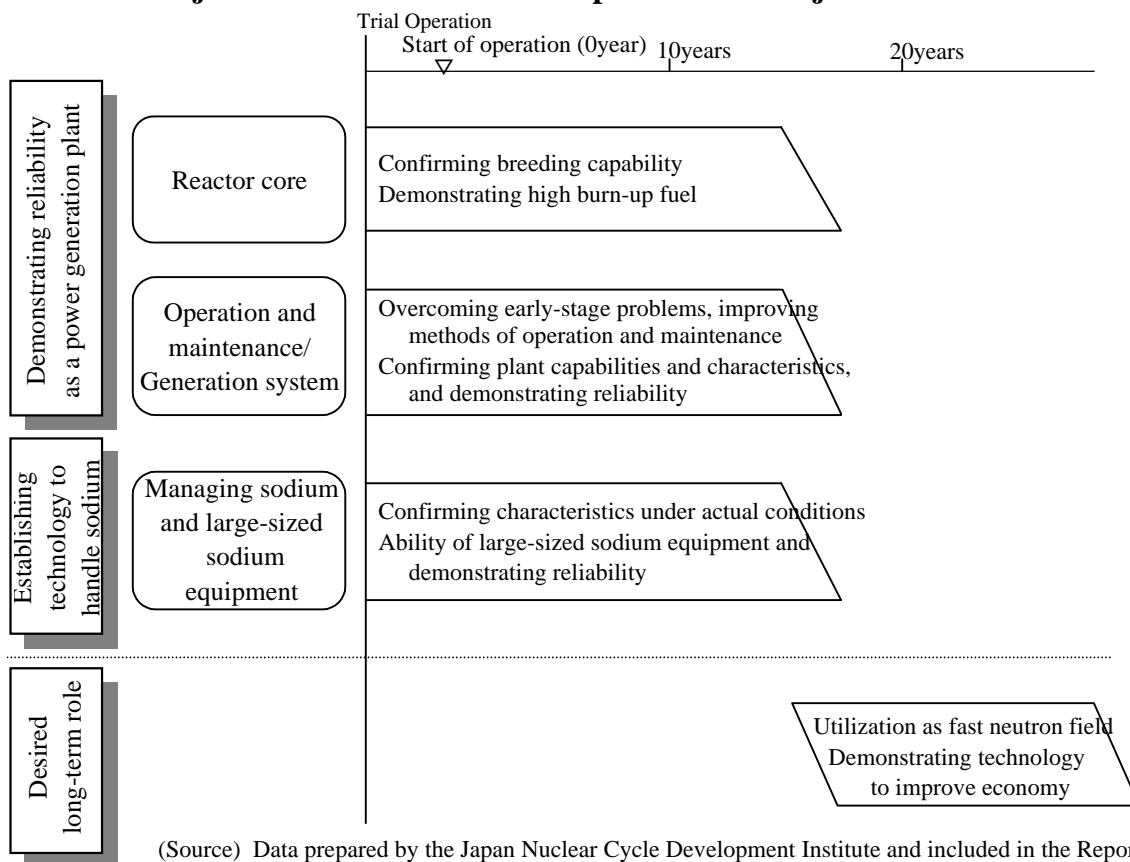
【Efficiency in Use of Natural Uranium in the Nuclear Fuel Cycle】

Type of Reactor	Uranium Use Efficiency
Light Water Reactor (once-through)	0.50%
Light Water Reactor (MOX-fuel use)	0.75%
FBR	Up to about 60% *

* : Theoretical value on assumptions of 50 GWd/t burn-up, limitless recycling, and up to about 3% loss during reprocessing and fabrication.

(Source) "Plutonium," written and edited by Atsuyuki Suzuki

Items Subject to Research and Development at "Monju"



(Source) Data prepared by the Japan Nuclear Cycle Development Institute and included in the Report of Third Subcommittee