



JAPAN

COUNTRY REPORT

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Electricity share (percent of nuclear) : 25.4% (FY2007, an estimated value)

Nuclear equipments (number and type)

- Research : 1 (FBR)
- Electricity production : 32 (BWR), 23 (PWR), 49.5GW

Energy policy

- Future of nuclear power

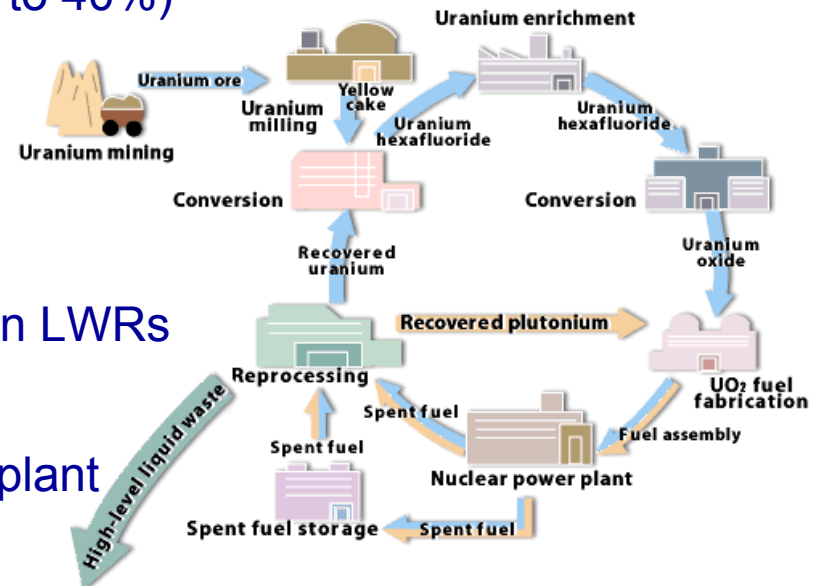
-Maintaining at the current level (30 to 40%)
or increasing

- Nuclear Fuel Cycle Project

-The reprocessing plant is under
active tests for operation in 2008

-By FY2010 Plutonium utilization in LWRs
in 16 to 18 reactors

-In FY2012 MOX fuel fabrication plant
in operation



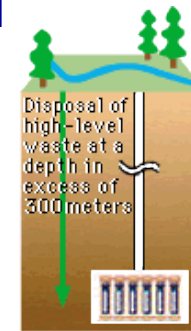


Energy policy-2

- Fast Breeder Reactor Cycle Project
 - The prototype reactor “MONJU” is under various tests for operation within FY2008
 - Around 2025 Building a demonstration FBR
 - Before 2050 Development of a commercial FBR

Nuclear waste management

- Policy in Japan
 - Disposal of vitrified HLW more than 300m underground
- Schedule
 - In the 2030s In operation
- State
 - “Start of Open Solicitation for Volunteers for Preliminary Investigation Area” was announced in December 2000
 - Some municipalities have interested in the project, however, they have not let NUMO to do literature surveys.





Competences :

- Public/private sector united development project on next-generation LWR
 - Next-generation LWR that can compete in world markets
 - The first united private/public sector national project in 20 years
- Assist on-site engineer training and skills transfer
 - Local initiatives regarding engineer training and skills transfer
 - For more than 20,000 people (in Aomori, Fukui, Niigata/Fukushima)
- Creating nuclear energy training programs for universities, etc
 - Develop course materials, invite instructors from industry
 - Support basic technology fields underlying nuclear energy
 - Provide students with opportunities to experience a real situation and see the appeal of the nuclear industry and research laboratories



Town hall meeting for women

- In Omaezaki City (July 2007)
 - 100 women and 22 WIN-Japan members
- In Aomori City (September 2007)
 - 63 women and 13 WIN-Japan members



Technical Tour of Kashiwazaki-Kariwa NPS

- Date : On 18 January 2008
- Participants : 32 WIN-Japan members
- Purpose
 - To see the scale of the damage of the earthquake to the NPS
 - To understand the efforts of TEPCO for the resumption of operation



Support for female university students

- Making opportunities to communicate with them
- To have them consider the nuclear industry as a potential field of employment

Number of WIN members : 139