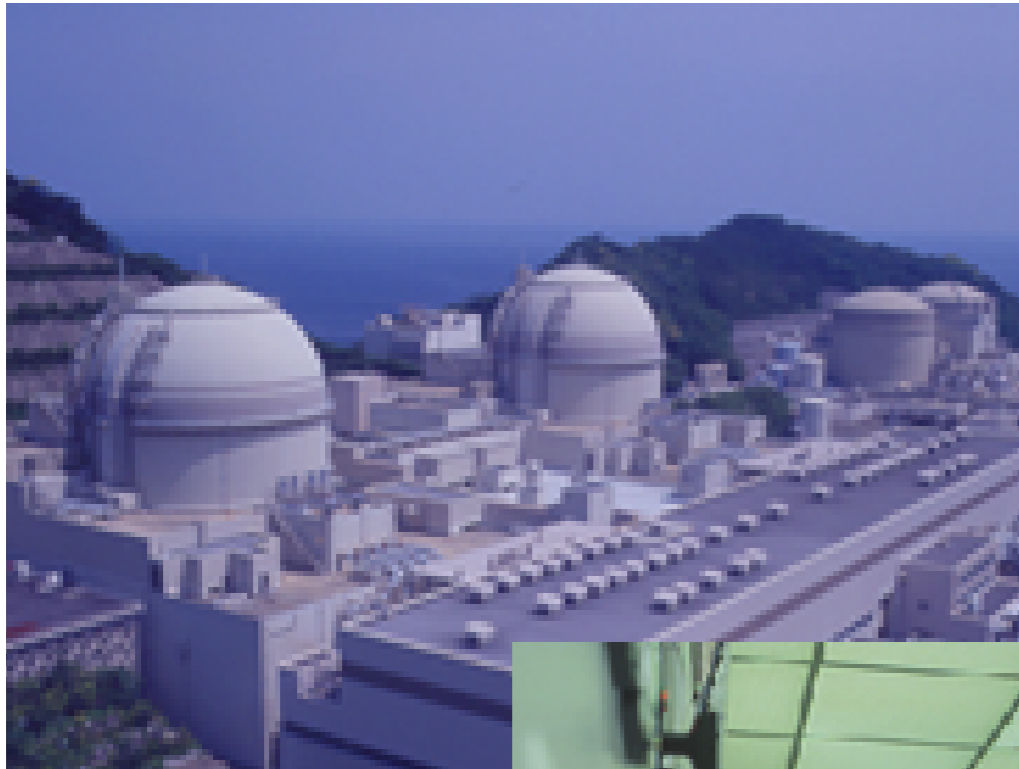


Nuclear Power

Nuclear power serves as our core energy, with complete heed to safety management.

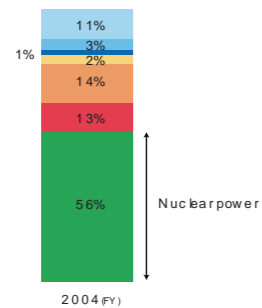


Ohi Nuclear Plant

In recognition of the salient advantages of nuclear power as a stable source of energy that imposes minimal burden on the environment, Kansai EP will put this precious energy source to effective use, always with utmost heed paid to safety management.

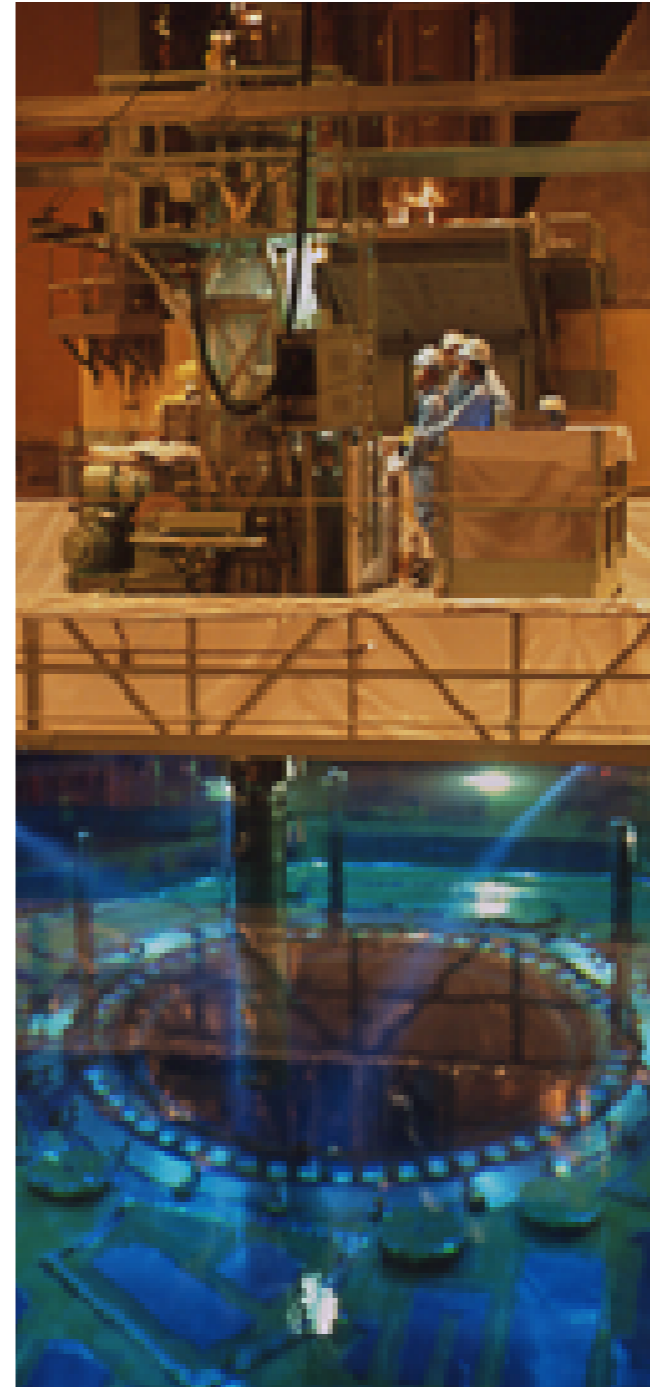


Central Control Room (Takahama Nuclear Plant)

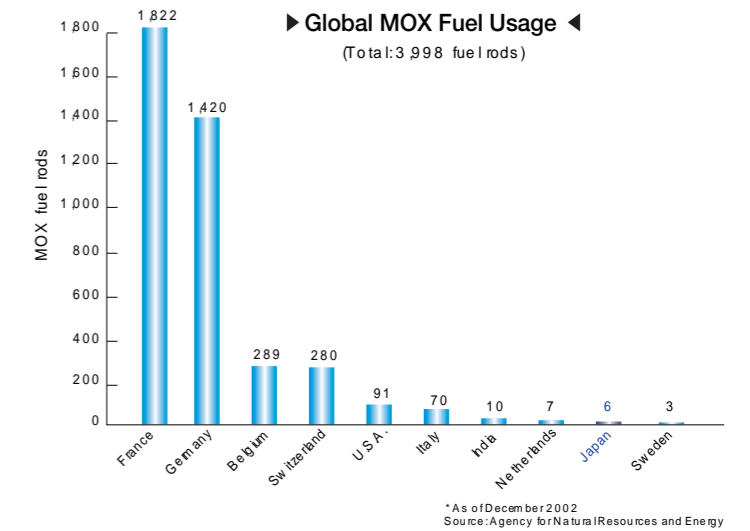
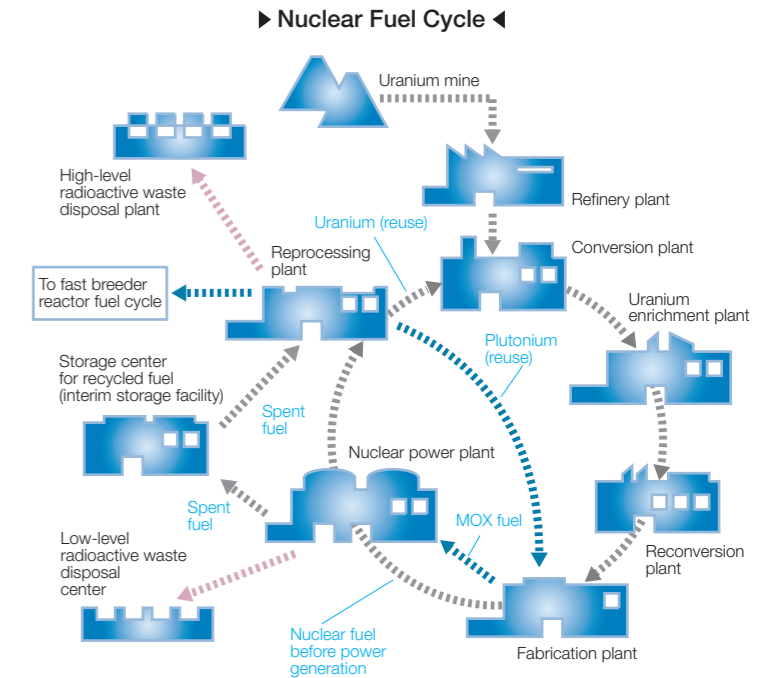


Salient Advantages Economically and Environmentally

In order to ensure stable provision of electricity over the long term, Kansai EP pursues the optimum generation mix. Currently 56% of our total electricity output draws upon nuclear power. Uranium, the source of nuclear energy, is available in stable supply, and when spent fuel is recycled, uranium resources can be utilized many times over. Nuclear power is also a superior energy source because it emits no CO₂ during the generation process and therefore is effective in curbing global warming.



Fuel rod replacement



Safe, Efficient Use of Precious Resources

In order to win the enduring trust of the regions and communities where our nuclear facilities are located, we implement stringent safety measures covering all aspects of our nuclear operations. These include a program under which plutonium is mixed with uranium to form mixed oxide (MOX) fuel, in a quest to make the most efficient use of both uranium and plutonium, which is recovered through reprocessing of spent nuclear fuel.