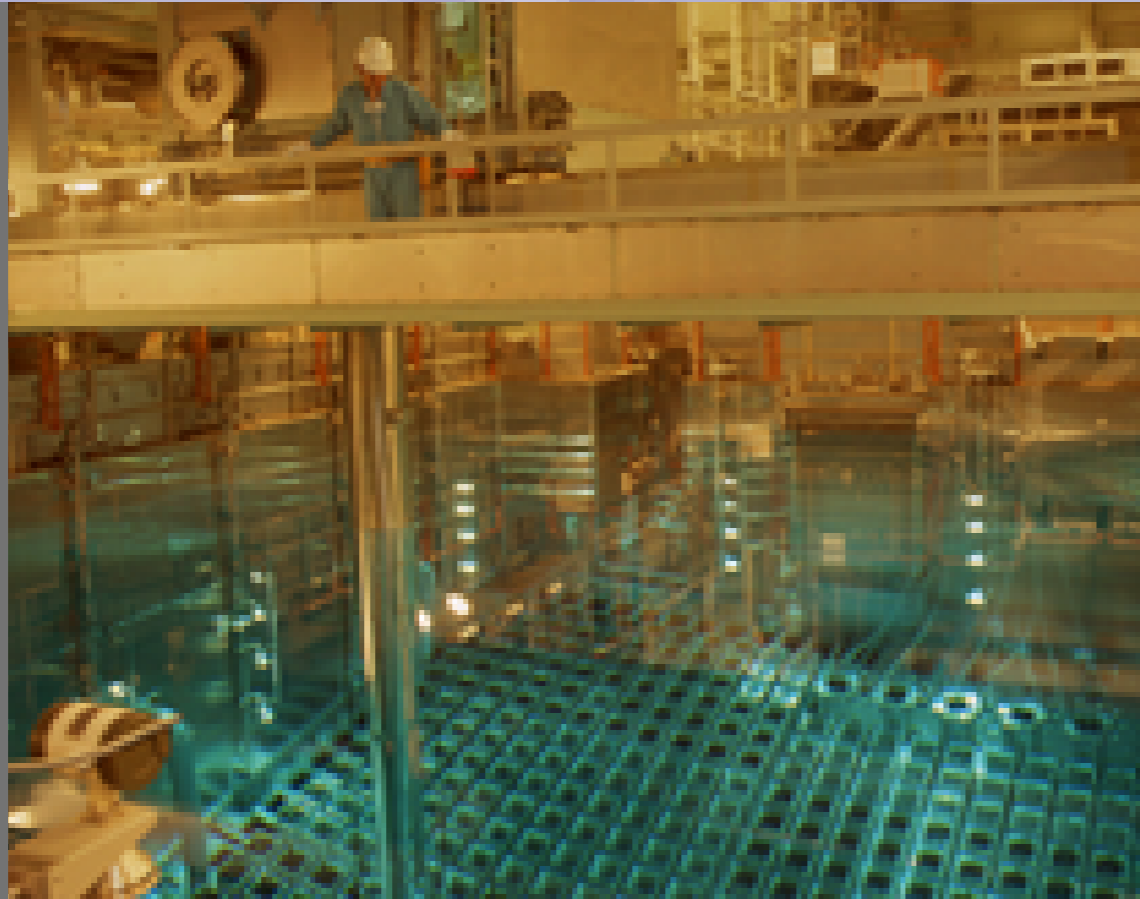


Nuclear power serves as our core energy, with absolute heed paid to safety management.

Nuclear Power



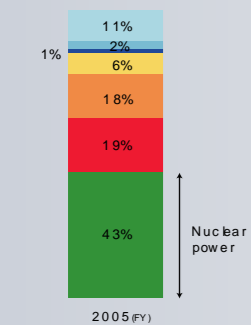
Spent fuel rod inspection (Takahama Nuclear Plant)



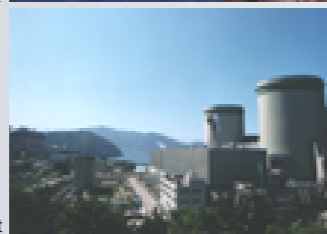
Central Control Room (Takahama Nuclear Plant)

In recognition of the salient advantages of nuclear power as a stable and environmentally harmonious source of energy, Kansai EP puts this precious energy source to effective use, always with utmost heed paid to uncompromising safety management.

By volume of power generation



Mihama Nuclear Plant



Takahama Nuclear Plant



Ohi Nuclear Plant

Total Focus on Safety Management and Accident Prevention

After profound reflection following the accident at the Mihama nuclear power station, the President declared that henceforth every conceivable means would be taken to secure maximum safety and prevent a reoccurrence of such a mishap. This solemn pledge led to the creation of an action plan under which measures are now being implemented Companywide to accord highest priority to safety assurance and ensure that the unfortunate accident that occurred at Mihama will never be repeated. Progress in carrying out our action plan is monitored and evaluated by a special committee comprised of external third-party members, and as a responsible business enterprise we make their findings widely known.

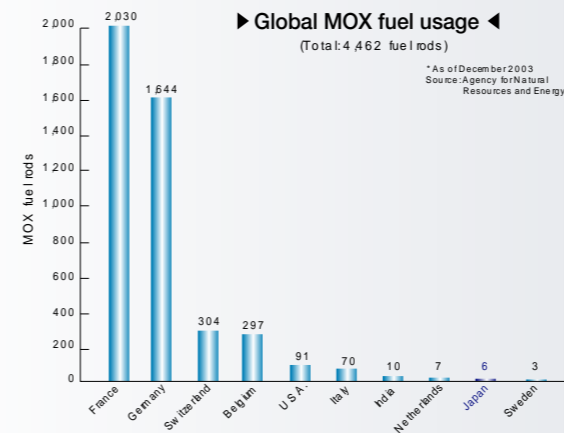
Environmentally Friendly, Stable Source of Energy

In order to ensure stable provision of electricity over the long term, Kansai EP pursues the optimum generation mix. Our core energy source is nuclear power, which currently accounts for 43% of our total electricity output. 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.

Moreover, nuclear power is a superior energy source because it emits no CO₂ during the generation process and therefore is effective in curbing global warming.

Efficient Use of Precious Resources

In our quest for efficient use of both uranium and plutonium, which is recovered through reprocessing of spent nuclear fuel, we undertake a program in which plutonium is mixed with uranium to form mixed oxide (MOX) fuel.



Nuclear fuel cycle

