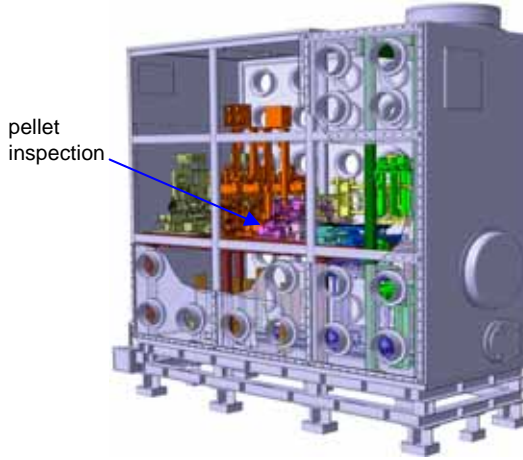


Fuji's 3 unique technologies which include remote handling, radwaste treatment and high temperature gas-cooled reactor are contributing for ensuring energy resources for longer than a century.

## 1 Remote Handling & Fuel Fabrication Technologies



Fuel Pellets Manufacturing Facility



Internal Equipment within the Glove Box



Fuel Transfer System

## 2 Radwaste Treatment Systems & Decommissioning Technologies



Exterior View of Fuji Resin Reducer(LPOP)  
(LPOP : Low Pressure Oxidation Process)



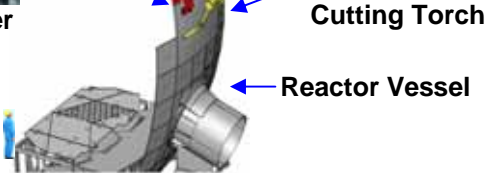
Performance of volume reduction (ion-exchange resin)  
(1/10-1/20)



Gripper



Cutting Torch



Reactor Vessel

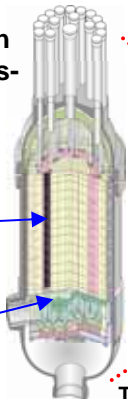
Verification test of remote dismantling system  
(Tokai-1 Decommissioning)

## 3 Reactor Technology for High Temperature Gas-cooled Reactor

Commercial High Temperature Gas-cooled Reactor (HTGR)

Active Core (Fuel Blocks)

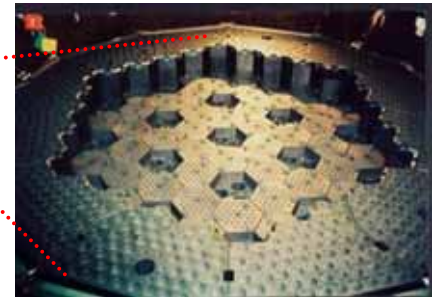
Core Bottom Structure



The HTGR heat utilization plant



HTTR Core internals



Top view of the core  
(Outer diameter 4.25m)

(HTTR : High Temperature Engineering Test Reactor)