

Shutdown of Takahama Unit 3

March 9, 2016

The Kansai Electric Power Co., Inc.

We have decided to shut Takahama Unit 3 down following today's decision made by Ohtsu District Court approving a motion for provisional disposition to suspend the restart of Takahama Units 3 and 4.

Following the decision made by Ohtsu District Court, we immediately examined the power supply and demand status and the organizational structure to shut Takahama Unit 3 down safely. Accordingly, we have drawn up a process to begin the shutdown operations at around a.m. 10 on March 10, 2016 and secure the reactor at around p.m. 20 on the same day. We will work on the shutdown process steadily while putting top priority on safety.

We expect to assure a stable power supply capability for the time being.

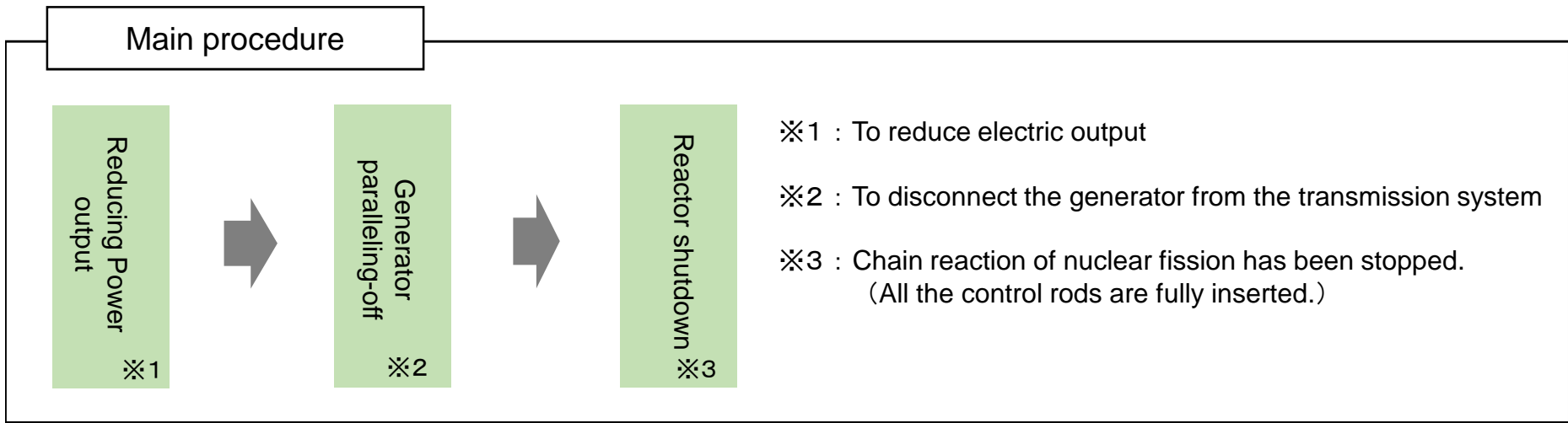
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- Process of Shutting down Takahama Unit 3

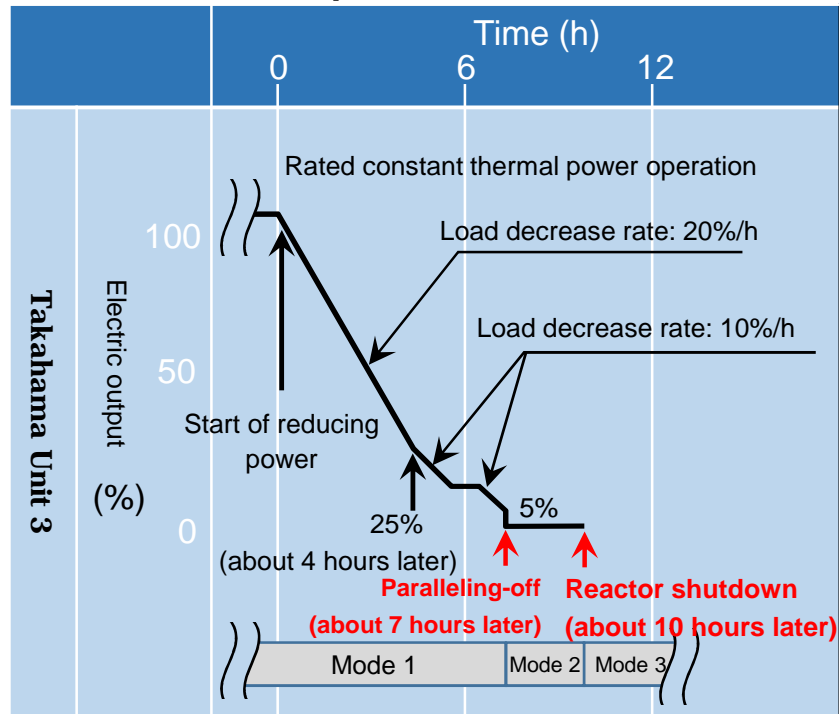
Takahama units 3 and 4 is KEPCO's first unit that has passed the safety screening against the new regulatory requirements which took effect on July 8, 2013 taking into account the lessons learned from the TEPCO's Fukushima Daiichi NPP accident and latest technical findings collected from across the world.

We will continue to make an utmost effort to improve the safety and reliability of our nuclear power plants by collecting and analyzing latest technical information collected at home and abroad. At the same time, we set our goal at achieving the world's highest level of safety while pursuing voluntary safety improvement measures on a continuous basis even beyond the framework of the new regulatory requirements.

Process of Shutting down Takahama Unit 3



< Reactor shutdown process >



Mode	Operating status of reactor
Mode 1	At-power operation (reactor output: above 5%)
Mode 2	At-power operation (reactor output: 5% or less) ~ reactor shutdown (all control rods are fully inserted)
Mode 2	Reactor startup (start of withdrawing control rods) ~ at-power operation (reactor output: 5% or less)
Mode 3	Reactor coolant average temperature: 177°C or higher
Mode 4	Reactor coolant average temperature: above 93°C and less than 177°C
Mode 5	Reactor coolant average temperature: 93°C or less

Note: The hours shown above may change depending on the electric output before starting power reduction and the time required for operational actions.