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The Kansai Electric Power Co., Inc.

Plan of Safety Improvement Works at Takahama Nuclear Power Station
Units 1 and 2 to Allow for its Operation for 60 Years

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Today, our company made a decision to operate Takahama Nuclear Power Station Units 1 and 2 also in and after the 40th year and made up a plan of safety improvement works to allow for its operation for 60 years.

As Takahama Nuclear Power Station Units 1 and 2 have been granted with permits and licenses pertaining to extension of operation by Nuclear Regulation Authority, our company will proceed with implementation of the work plan to allow for operation for 60 years which was made up today placing the top priority on safety.

We will proceed with a proactive approach so that people of the society including those in the region where the power station is siting will kindly understand necessity and safety of operation of Takahama Nuclear Power Station Units 1 and 2 in and after the 40th year.

Attachment: Entire Work Schedule of Safety Improvement Works at Takahama Unit 1 and 2

Entire Work Schedule of Safety Improvement Works at Takahama Units 1 and 2

Attachment

Name of works	FY2016	FY2017	FY2018	FY2019	FY2020
Installation work of shielding at upper part of containment vessel	Feb. 2017	Reinforcement of the exiting concrete wall, installation of top dome, etc.		Aug. 2019 (Unit 1) (Unit 2 in Nov. 2019)	
Replacement work of refueling water tank	Sep. 2016 Removal of the existing tank	Manufacturing of new tank, reinforcement of foundation concrete, etc.	Installation of new tank Aug. 2019 Installation of wall around tank for protection against tornado etc.		
Fire protection work	Sep. 2016	Replacement with fire-retardant cable, provision of fire protection sheet, installation of fire detectors, fire extinguishing facilities, etc.	Replacement of cable under central control room	Aug. 2019	
Relocation work of seawater intake facility (only Unit 2)		May 2017 Excavation of tunnel into bedrock, installation of piping, etc.	Installation of wall for protection against tornado in seawater intake area	Mar. 2020	
Replacement work of central control panel			Apr. 2018 Removal of the existing control panel, installation of new control panel, etc.	Aug. 2019	