

Commencement of Installation on ALPS Treated Water Dilution/Discharge Facility and Related Facilities at the Fukushima Daiichi Nuclear Power Station

<Reference Material>

August 4, 2022

TEPCO Holdings

Fukushima Daiichi D&D Engineering Company

- On December 21, 2021, TEPCO submitted the "Application Documents for Approval to Amend the Implementation Plan for Fukushima Daiichi Nuclear Power Station Specified Nuclear Facility" regarding the design of ALPS Treated Water Dilution/Discharge Facilities, etc. to the Nuclear Regulation Authority (NRA), and on July 22, 2022, these application documents were approved by the NRA.
- On December 20, 2021, TEPCO also submitted a "Request for Prior Consent" to Fukushima Prefecture, Okuma Town, and Futaba Town regarding the installation of ALPS treated water dilution/discharge facilities, etc. based on the "Agreement to Ensure Safety in Surrounding Areas Related the Decommissioning of Fukushima Daiichi Nuclear Power Station". On August 2, 2022, municipalities granted us prior consent after confirming the state of the necessary safety measures.
- In installing the ALPS treated water dilution/discharge facilities, etc., TEPCO will steadily implement initiatives based on the Japanese government's basic policy and will respond sincerely to each and every one of the eight requirements regarding additional safety improvements and easy-to-understand information dissemination laid out in the "Report on the Confirmation Results of the new Installation of ALPS Treated Water Dilution/Discharge Facility and Related Facilities at the TEPCO Fukushima Daiichi Nuclear Power Station" issued by the Fukushima Prefecture Nuclear Power Station Safety Assurance Technical Review Committee. We will also steadily work to further reduce the amount of contaminated water generated and to properly manage the radioactive waste generated in contaminated water treatment, which the prefectural governor and the mayors of the towns gave us on August 2, 2022.
- Furthermore, we will continue to do our utmost to increase the understanding of people of Fukushima and society at large regarding the handling of ALPS treated water as part of the decommissioning work, by focusing on our efforts to disseminate information based on scientific evidence to parties within and outside Japan in an easy-to-understand manner and taking every opportunity to listen to the concerns and opinions of the public and explain our approach and response.
- While construction of ALPS treated water dilution/discharge facilities, etc. will begin on August 4, 2022, with safety as the top priority, we will also work to build trust of people within and outside Japan, by responding sincerely to safety confirmation by municipalities and reviews by the International Atomic Energy Agency (IAEA) and disclosing the construction status as appropriate to secure objectivity and transparency.

<Announced as of August 3, 2022>

- Today (August 4), laying circulation pipes and transfer pipes around K4 area tanks has commenced in preparation for the installation of the measurement /confirmation facility and transfer facility.
- The shield machine has started to drill at the vertical shaft (down-stream storage) in preparation for the discharge tunnel installation and the preparation work for the installation of a partitioning weir in the Units 5, 6 intake open channel has also commenced.
- We will continue to work prioritizing safety while considering weather/ocean conditions.

Status of Installation (Measurement & Confirmation Facility/ Transfer Facility)

- Today (August 4), laying circulation pipes and transfer pipes around K4 area tanks has commenced.



Status of circulation pipe support installation



Status of transfer pipe support installation

Status of Installation (Discharge Facility; Discharge Tunnel)

- Today (August 4), the shield machine has started to drill at the vertical shaft (down-stream storage) in preparation for the installation of the discharge tunnel.



Status of shield machine drilling ①



Status of shield machine drilling ②