

August 2, 2023

Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi Decontamination and Decommissioning Engineering Company

**Third Press Conference on the Decommissioning of the Fukushima Daiichi
Nuclear Power Station Held for Overseas Media**

On July 21, 2023, TEPCO held a hybrid press conference on the handling of water treated with multi-nuclide removal equipment (ALPS treated water) with participants attending in person at the Fukushima Daiichi Nuclear Power Station, and also via online.

44 overseas journalists representing 41 companies in 12 nation/regions, including Asia, Europe, Pacific nations, South America, and the United States, etc. attended the press conference either in person or online. Members of the international sections of Japanese media outlets, and 10 representatives of 9 foreign embassies in Japan also attended. Corporate Officer Junichi Matsumoto (General Manager of Project Management Office, Chief Officer for ALPS Treated Water Management, FDEC) explained about the facilities used for the discharge of ALPS treated water into the sea, and answered questions received in advance as well as questions asked at the press conference venue.

TEPCO will continue to prioritize the safety of the regional residents, workers, and the surrounding environment as we move steadily forward with the decommissioning of the Fukushima Daiichi Nuclear Power Station in order to reduce risks associated with radioactive substances while also disseminating scientifically-based information to parties both in Japan and overseas in a highly transparent manner.

◆ **Conference Details**

Overview of ALPS treated water dilution/discharge facility and related facilities

- Facilities used for the discharge of ALPS treated water into the sea
- Summary of the IAEA's comprehensive report, etc.



Photo from the press conference
(at Fukushima Daiichi Nuclear Power Station)



Mr. Matsumoto (right) answering questions

◆ Primary Q&A

[Q] In detail, how safe is the water to be discharged, also compared to similar discharges from other facilities?

[A] During the measurement and confirmation process of the concentration of radioactive substances in ALPS treated water, we make sure that the government's regulatory standards and prefectural ordinances, etc., have been fulfilled. These measurements are performed by three entities: TEPCO, Kaken, a company consigned by TEPCO, and the Japan Atomic Energy Agency (JAEA), an organization appointed by the Japanese government. Furthermore, the report on TEPCO's analysis capabilities and the quality assurance status published by the IAEA in May of this year concluded that these initiatives are proper. In regards to the comparison with other facilities, the discharge of radioactive substances from other nuclear facilities both in Japan and overseas is done so in accordance with the regulations of each government. The discharge of ALPS treated water from Fukushima Daiichi is being implemented the same way, and we will continue to verify that the government's regulatory standards are being met.

[Q] Are the analyses of ALPS treated water being verified by any other third party aside from the International Atomic Energy Agency (IAEA)?

[A] The IAEA is an authoritative international agency with expertise in nuclear safety and radiological protection. Therefore, we believe it is most appropriate to have the accuracy of TEPCO's analysis results verified by analyses performed by the IAEA. We believe that we have elicited the assistance of a sufficient objectivity, since this verification analysis is performed not only at the IAEA's laboratory, but also

laboratories in Korea, France, Switzerland, and United States.

[Q] You mentioned that the water to be re-purified will be purified with ALPS many times until it meets regulatory standards. Could you explain the purification capabilities of ALPS?

[A] Our basic policy is to treat water as many times as necessary to fulfill the government's regulatory standards. Currently, water is purified by ALPS to fulfill the government's regulatory standards with one treatment. This performance is verified by yearly performance inspections and also by weekly performance inspections that focus on certain nuclides. Furthermore, in 2019, we conducted secondary treatment performance tests on 2,000m³ of water to be re-purified, and the Nuclear Regulation Authority verified that the water had been purified.

End of release

Videos/handout links

<Press conference video (English)>

https://www4.tepco.co.jp/en/news/library/archive-e.html?video_uuid=15014&catid=61785

<English handouts>

<https://www.tepco.co.jp/decommission/progress/watertreatment/images/230721e.pdf>

<Press conference video (Japanese)>

https://www.tepco.co.jp/library/movie/detail-j.html?catid=61697&video_uuid=15012

<Japanese handouts>

<https://www.tepco.co.jp/decommission/progress/watertreatment/images/230721j.pdf>