

October 30, 2023

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

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

On August 24, 2023, TEPCO commenced the discharge of water treated with multi-nuclide removal equipment (ALPS treated water) into the sea, and the first discharge was completed on September 11. On October 4, 2023, an online conference was held for overseas media to explain the performance of the discharge and information on future plans.

Twenty-one overseas journalists from 19 companies in 10 nations/regions, such as Asia, Europe and the United States, Pacific nations, and South America, etc. participated in the press conference along with eight representatives from seven foreign embassies. Corporate Officer Junichi Matsumoto (General Manager of Project Management Office, Chief Officer for ALPS Treated Water Management, FDEC) explained that the first discharge of ALPS treated water into the sea had been safely completed, that no abnormalities were found with inspection results or facilities, and that the second discharge will commence on October 5. Thereafter, Mr. Matsumoto answered questions that had been received in advance and also questions from online participants on the day of the conference.

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**

ALPS treated water discharge status update

- Performance of the first discharge
- Facility inspection after the discharge, etc.
- Plan for the second discharge



Photo from the press conference



Mr. Matsumoto answering questions

◆ **Primary Q&A**

[Q] On average, how many times does a unit of water have to be re-purified with ALPS to meet discharge standards?

[A] ALPS can reduce the concentrations of radioactive substances, excluding tritium, to levels that fulfill the government's regulatory standards for discharge into the environment with one treatment. Currently, 1,340,000m³ of water is being stored in tanks on site. Of this, approximately 70% does not yet fulfill the Government's regulatory standards*, but prior to the discharge into the sea, this water will be re-purified with ALPS until the water meets the government's regulatory standards.

*Contaminated water that contains radioactive substances accumulated in the subfloors of the reactor buildings has been treated with ALPS, etc., to reduce the concentrations of radioactive substances, and is being stored in tanks on site. Approximately 30% of this water is referred to as "ALPS treated water," which fulfills the government's regulatory standards with the exception of tritium. The remaining approximate 70% of this water does not fulfill regulatory standards, because when ALPS was first put into operation, the priority was to reduce the concentrations of radioactive substances on site. Therefore, the concentrations of radioactive substances, except for tritium, in this water exceed the government's regulatory standards and it is therefore referred to as, "treated water to be re-purified." Prior to the discharge into the sea, this "treated water to be re-purified" will be re-purified so that the concentrations of radioactive substances, with the exception of tritium, fulfill regulatory standards.

[Q] How would you assess the first discharge? You have made some improvements, such as waterproofing measures against rainwater, etc., but is there anything you learned in regards to maintenance management that will be implemented throughout the long discharge period?

[A] The first discharge went as planned. As I have already explained, we found that some of the caulking on the vent valve waterproof cover was insufficient, and that some of the waterproof coating in the upper-stream storage had bubbled, but we will learn from these issues and reflect them in maintenance management procedures. We are employing time-based maintenance for all discharge facilities, and we will make sure that they are properly maintained and managed.

End of release

Videos/reference document links

<Press conference video (English)>

https://www4.tepco.co.jp/en/news/library/archive-e.html?video_uuid=15095&catid=61783

<English press conference handouts>

<https://www.tepco.co.jp/decommission/progress/watertreatment/images/231004e>

<Press conference video (Japanese)>

https://www.tepco.co.jp/library/movie/detail-j.html?catid=61697&video_uuid=15096

<Japanese press conference handouts>

<https://www.tepco.co.jp/decommission/progress/watertreatment/images/231004j>