Fukushima Daiichi Nuclear Power Station
Completion of the 7th (25th overall) Discharge of ALPS Treated Water in FY2026

＜Reference document＞
November 13, 2026
Tokyo Electric Power Company Holdings, Inc.
Fukushima Daiichi Decontamination and Decommissioning Engineering Company

- The 7th (25th overall) discharge of ALPS treated water in FY2026 began at 11:29 a.m. on October 26.
- In order to ensure that the ALPS treated water (tritium) is properly diluted every day during the discharge period, we have analyzed the tritium concentration in the water after dilution with seawater and confirmed that the analysis values are approximately equal to calculated concentrations, and below 1,500 Bq/L.
- During the discharge period, seawater samples have also been collected from 10 locations within 3 km of the power station and 4 locations within a 10 km square in front of the power station, and the detection limit has been raised to approximately 10 Bq/L in order to quickly obtain tritium concentration measurement results. As a result, we have confirmed that the analysis values are below both the discharge suspension level (700 Bq/L[*1] or 30 Bq/L[*2]) and the investigation level (350 Bq/L[*1] or 20 Bq/L[*2]).

*1 10 locations within 3 km of the power station *2 4 locations within 10 km square in front of the power station

< Announced by October 26, 2026 >

- During the 7th (25th overall) discharge of ALPS treated water in FY2026, the amount of the ALPS treated water being discharged remained constant at approximately 460 m^3/day, and daily quick analysis results of tritium concentrations in seawater have confirmed that the ALPS treated water is being discharged safely as planned.
- We completed the discharge of the ALPS treated water from the measurement/confirmation facility tank group C at 2:37 p.m. on November 12. The flushing of the water remaining in the ALPS treated water transfer line (ALPS treated water) was completed at 12:17 p.m. on November 13, and the completion of this task marked the end of the 7th (25th overall) discharge of ALPS treated water in FY2026. (Total amount of water discharged: approx. 7,835 m^3, Total amount of tritium discharged: Approx. 1.4 TBq)
- Going forward, we will remain vigilant to ensure the safe and stable discharge of ALPS treated water.

[Reference] FY2026 ALPS treated water discharge plan and actual（1/2）

- The FY2026 ALPS treated water discharge plan is as follows. There will be eight discharge operations during the fiscal year with a total annual discharge volume of approximately 62,400 m³. The annual tritium discharge volume will be approximately 11 TBq. In addition, there may be slight differences between the planned and actual annual tritium discharge amounts due to factors such as differences in the analytical values at the source tank groups and the measurement/confirmation tank groups.

Underlined figures indicate actual values.

Management number※1	Transfer source tank	Amount of water to be transferred		Discharge period (Discharge volume)
26-1-19	H2 area Group J (Transferred to Measurement/Confirmation facility Group A) ：Approx. 7,390 m³ H1 East area Group C (Transferred to Measurement/Confirmation facility Group A) ：Approx. 390 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.31 Tritium concentration: 240,000 Bq/L Total amount of tritium : 1.9 TBq		Apr. 2-20 (7,865 m³)
26-2-20	H1 East area Group C (Transferred to Measurement/Confirmation facility Group B)：Approx. 7,780 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.45 Tritium concentration: 170,000 Bq/L Total amount of tritium : 1.3 TBq		Jun. 1-20 (7,927 m³)
26-3-21	H1 East area Group C (Transferred to Measurement/Confirmation facility Group A)：Approx. 3,580 m³ H1 East area Groups A/B (Transferred to Measurement/Confirmation facility Group A)：Approx. 4,200 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.48 Tritium concentration: 170,000 Bq/L Total amount of tritium : 1.3 TBq		Jul 6-24 (7,894 m³)
26-4-22	H1 East area Groups A/B (Transferred to Measurement/Confirmation facility Group C)：Approx. 7,770 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.61 Tritium concentration: 170,000 Bq/L Total amount of tritium : 1.3 TBq		Jul. 30 - Aug. 17 (7,888 m³)

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※1 The management number is made up of the fiscal year, followed by the discharge number for that fiscal year, and the total number of discharges to date.
For example, “26-1-19” indicates that the data is for the first discharge of FY2026, which is the nineteenth discharge to date.

[Reference] FY2026 ALPS treated water discharge plan and actual （2/2）

TEPCO

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Underlined figures indicate actual values.

Management number ※1	Transfer source tank	Amount of water to be transferred		Discharge period (Discharge volume)
26-5-23	H1 East area Groups A/B H2 area Group B	(Transferred to Measurement/Confirmation facility Group B)：Approx. 4,570 m³ (Transferred to Measurement/Confirmation facility Group B)：Approx. 3,200 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.52 Tritium concentration: 160,000 Bq/L Total amount of tritium : 1.3 TBq	Aug. 31 - Sep. 18 (7,863 m³)
26-6-24	H2 area Group B K1 area Groups C/D	(Transferred to Measurement/Confirmation facility Group A)：Approx. 5,890 m³ (Transferred to Measurement/Confirmation facility Group A)：Approx. 1,880 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.30 Tritium concentration: 150,000 Bq/L Total amount of tritium : 1.2 TBq	Oct. 5 - 23 (7,852 m³)
26-7-25	K1 area Groups C/D	(Transferred to Measurement/Confirmation facility Group C)：Approx. 7,770 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.14 Tritium concentration: 180,000 Bq/L Total amount of tritium : 1.4 TBq	Oct. 26 – Nov. 13 (7,835 m³)
Inspection suspension (including full inspections of measurement/confirmation facility Group A)				
26-8-26	K1 area Groups C/D G4 South area Group C	(Transferred to Measurement/Confirmation facility Group B)：Approx. 1,540 m³ (Transferred to Measurement/Confirmation facility Group B)：Approx. 6,250 m³	Secondary treatment: None Sum of the ratios to regulatory concentrations: 0.35 - 0.50 ※2 Tritium concentration: 190,000 Bq/L ※3 Total amount of tritium : 1.5 TBq	Planned Discharge Period: February - March (7,800 m³)

Total amount of tritium to be discharged during FY2026: Approx. 11 T Bq

※1 The management number is made up of the fiscal year, followed by the discharge number for that fiscal year, and the total number of discharges to date.
For example, “26-1-19” indicates that the data is for the first discharge of FY2026, which is the nineteenth discharge to date.

※2 Conservative values calculated from the analytical values of the seven major nuclides (Cs-134, Cs-137, Sr-90, I-129, Co-60, Sb-125, Ru-106) measured after ALPS treatment and storage in tanks, plus the maximum value of C-14 (0.11) or analytical value and an estimate of the total of other nuclides at 0.3. For H1 East-A, B, C and H2-B, the notification concentration ratio calculated from the analytical values of the seven major nuclides is added to the maximum value of C-14 (0.11) or analytical value, and the analytical values of other nuclides (values obtained by analyzing samples obtained by mixing water samples taken from each tank in each tank group).

※3 Average value of the tank group that was assessed taking into account the radioactive decay until April 1, 2026

[Reference] Measurement monitoring plan for obtaining quick results

- Since the commencement of ALPS-treated water discharge into the sea in August 2023, TEPCO has conducted monitoring to obtain quick measurements of tritium concentrations in seawater at 14 locations shown in the diagrams below (Upper detection limit: Approximately 10 Bq/L). The discharge is immediately suspended if any of the values exceed the discharge suspension level (noted in the diagrams).

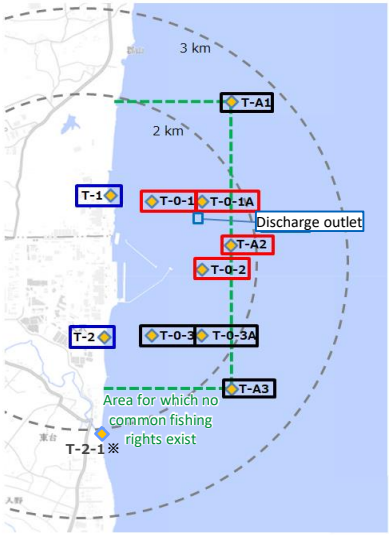


Figure 1: Specimen sampling locations within 3 km of the power station (near the discharge outlet)

: Monitoring points used to obtain quick results (10 locations)
Indicator (Discharge suspension level) 700 Bq/L

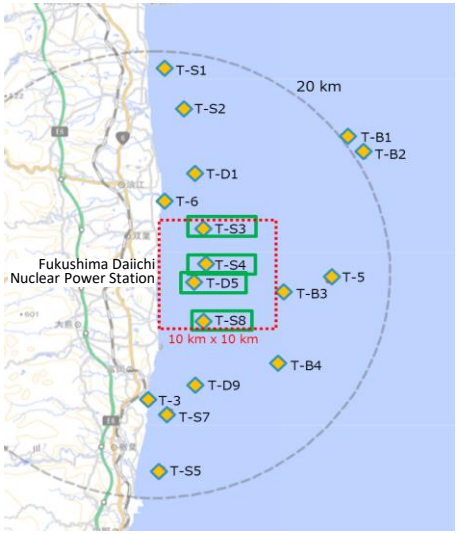


Figure 2: Specimen sampling locations within 10 km square in front of the power station

: Monitoring points used to obtain quick results (4 locations)
Indicator (Discharge suspension level) 30 Bq/L

	【Fig.1】 Within 3 km of the power station (near the discharge outlet)		【Fig. 2】 Four locations within a 10 km square in front of the power station
	Four locations in the vicinity of the discharge outlet	Other six locations	
During the discharge period and for one week after the completion of discharge	Daily※1	Twice a week※2	T-D5: Once a week T-S3,T-S4,T-S8: Once a month
During the discharge suspension period (Excluding the week following the completion of discharge)	Once a week※2	Once a month※2	

※1 If bad weather during the discharge period prevents measurements from being taken for two consecutive days, on the following day (third day) if it is again expected that measurements cannot be taken, measured results will be quickly obtained from T-1 and T-2.
※2 We have engaged in monitoring daily since the commencement of discharge in August 2023, but the monitoring plan was changed on December 26, 2023 in light of actual measurements taken during discharge (Announced on December 25, 2023)