

# **Situation of water level, transfer and treatment of the accumulated water in Fukushima Daiichi Nuclear Power Station (at 18:00 on March 28)**

Water Level of the accumulated water (at 16:00 on March 28)		Unit 1	Unit 2	Unit 3	Unit 4
	Water level of Vertical Shaft	Unmeasurable due to drawdown of water level (Less than O.P.+ 850 mm)	O.P.+ 3,195 mm (2 mm decrease since 7:00 on March 28)	O.P.+ 3,164 mm (6 mm increase since 7:00 on March 28)	—
	Water level of Turbine Building	O.P.+ 3,183 mm (8 mm increase since 7:00 on March 28)	O.P.+ 3,132 mm (2 mm decrease since 7:00 on March 28)	O.P.+ 3,148 mm (11 mm increase since 7:00 on March 28)	O.P.+ 3,114 mm (10 mm increase since 7:00 on March 28)
	Water level of Reactor Building	O.P.+ 4,540 mm (11 mm increase since 7:00 on March 28)	O.P.+ 3,328 mm (1 mm increase since 7:00 on March 28)	O.P.+ 3,227 mm (9 mm increase since 7:00 on March 28)	O.P.+ 3,128 mm (6 mm increase since 7:00 on March 28)
	Water level of each building in the Centralized Radiation Waste Treatment Facility	Process Main Building High Temperature Incinerator Building On-site Bunker Building	O.P.+ 4,208 mm (Increase from initial level:5,425 mm, 5 mm decrease since 7:00 on March 28) O.P.+ 3,523 mm (Increase from initial level:4,249 mm, 48 mm decrease since 7:00 on March 28) O.P.+ 4,554 mm (Water level from floor:758 mm, 15 mm increase since 7:00 on March 28)		
Situation of transfer of the accumulated water		Unit 1	Unit 2 * 1	Unit 3	Unit 4
		—	Basement of Unit 2 Turbine Building →Centralized Radiation Waste Treatment Facility (High Temperature Incinerator Building) Currently being transferred (Since 10:14 on March 20)	Basement of Unit 3 Turbine Building →Centralized Radiation Waste Treatment Facility (High Temperature Incinerator Building) Transfer suspended (Since 16:34 on March 26)	—
		Unit 5 and 6			
		Basement of Unit 6 Turbine Building →Temporary Tank Transfer Completed (From 10:00 on March 28 to 16:00 on March 28)			
Operation condition of water treatment facility		Cesium Adsorption Apparatus: Since 14:32 on March 28 In operation 2nd Cesium Adsorption Apparatus (Sarry): Since 9:20 on March 28 In operation Water Desalination Apparatus (reverse osmosis membrane): Intermittent operation depending on the water balance Water Desalination Apparatus (evaporative concentration): Intermittent operation depending on the water balance			
Notes	* On March 26, in the area of condensed water tanks for water desalinations (reverse osmosis membrane) it was found that t water was leaked from a pipeline (anti-pressure hose) which transferred the condensed water from the water desalinations to the condensed water tanks. In order to stop the water leakage, we stopped the transfer pumps of the water desalinations (reverse osmosis membrane). We stopped it in consideration of total water balance due to the stop of these pumps.  At 9:10 am on March 28, 2012, we restarted the 2nd Cesium Adsorption Apparatus after having completed the work against the leakage and it reached to the rated flow (approx 40 m3/h) at 9:20 am on the same day. At the 12:07 pm and 12:13 pm on the same day, we restarted the two lines of the desalination facility (reverse osmosis membrane). As for the Cesium Adsorption Apparatus, power retrofitting work had been conducted in order to establish 2 lines of power sources for accumulated water treatment facility. Thus, after having completing the work, at 2:32 pm on the same day, we restarted the Cesium Adsorption Apparatus and it reached the rated flow (approx. 19.1 m3/h).				

For quick publication of the data of water level, values are provided as reference values.