Situation of water level, transfer and treatment of the accumulated water in Fukushima Daiichi Nuclear Power Station (at 18:00 on April 27)

		Unit 1	Unit 2	Unit 3	Unit 4
Water Level of the accumulated water※ (at 16:00 on April 27)	Water level of Vertical Shaft	Unmeasurable due to drawdown of water level (Less than O.P.+ 850 mm)	O.P.+ 3,086 mm (4 mm decrease since 7:00 on April 27)	O.P.+ 3,163 mm (8 mm increase since 7:00 on April 27)	—
	Water level of Turbine Building	O.P.+ 3,254 mm (11 mm decrease since 7:00 on April 27)	O.P.+ 3,036 mm (4 mm decrease since 7:00 on April 27)	O.P.+ 3,129 mm (9 mm increase since 7:00 on April 27)	O.P.+ 3,095 mm (10 mm increase since 7:00 on April 27)
	Water level of Reactor Building	O.P.+ 4,174 mm (11 mm increase since 7:00 on April 27)	O.P.+ 3,221 mm (10 mm decrease since 7:00 on April 27)	O.P.+ 3,212 mm (9 mm increase since 7:00 on April 27)	O.P.+ 3,112 mm (7 mm increase since 7:00 on April 27)
	Water level of each building in the Centralized Radiation Waste Treatment Facility	Process Main Building	O.P.+ 2,886 mm (Increase from initial level:4,103 mm, 7 mm increase since 7:00 on April 27)		
		High Temperature Incinerator Building	O.P.+ 3,583 mm (Increase from initial level:4,309 mm, 103 mm increase since 7:00 on April 27)		
		On-site Bunker Building	O.P.+ 4,426 mm (Water level from floor:630 mm, 7 mm increase since 7:00 on April 27)		

	Unit 1	Unit 2 ＊1	Unit 3	Unit 4
Situation of transfer of the accumulated water	Basement of Unit 1 Turbine Building →Basement of Unit 2 Turbine Building Currently being transferred (Since 14:49 on April 27)	Basement of Unit 2 Turbine Building →Centralized Radiation Waste Treatment Facility (High Temperature Incinerator Building) Currently being transferred (Since 15:27 on April 14)	—	—
	Unit 5 and 6			
	Basement of Unit 6 Turbine Building →Temporary Tank	—	(From 10:00 on April 27 to 16:00 on April 27)	

Operation condition of water treatment facility	Cesium Adsorption Apparatus: Since 9:50 on April 26 Suspended 2nd Cesium Adsorption Apparatus (Sarry): Since 12:42 on April 27 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	・At 8:33 on April 27, we temporarily stopped the 2nd Cesium Adsorption Apparatus (Sarry) for back washing the filter. At 0:42 pm on the same day, we restarted the device and the amount of water flow reached in stable flow. ※ At 9:17 am on April 27, a worker of partner company found water leakage at water desalinations (RO) No2(When it was found, we estimated that the leaked water is 18 litters in total.) At 9:30 of the same day, we stopped the device. To prevent the leaked water to drop on the floor, we cured entry side of water joint of piping of the device, where the leakage occurred, with plastic bag. Then, we closed valves near leaked point, and confirmed no further leakage at 10:19 am of the same day. The amount of leaked water in total is 36 litters and all of them is pooled at the device, and so there is no leakage out side of the building. The radiation dose of dropped water is 7mSv/h, γ is about 1mSv/h. The sampling result of leaked water is I-131: Below Limit of Detection, Cs-134: 1.5×100Bq/cm3. Cs-137: 2.1×100Bq/cm3, All γ: 4.9×101Bq/cm3, All β: 5.4×104Bq/cm3. As there are enough treated water, and also other water desalinations are in operation, there is no influence for injecting water to reactors.

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