# Situation of Storage and Treatment of Accumulated Water including Highly Concentrated Radioactive Materials at Fukushima Daiichi Nuclear Power Station (262nd Release)

July 22, 2016 Tokyo Electric Power Company Holdings, Inc.

#### 1. Introduction

This document is to report the following matters in accordance with the instruction of "Installment of treatment facility and storing facility of water including highly concentrated radioactive materials at Fukushima Daiichi Nuclear Power Station of the Tokyo Electric Power Company (Instruction) "(NISA No. 6, June 8, 2011), dated on June 9, 2011.

### <Instruction>

TEPCO should report to NISA the situation of storing and treatment of the contaminated water in the Power Station and the future forecast based upon the current situation has to be reported to NISA as soon as the treatment facility starts its operation. Also, subsequently, continued report has to be submitted to NISA once a week until the treatment of the accumulated water in the Central Radioactive Waste Treatment Facility is completed.

#### 2. Situation of storing and treatment of accumulated water in the building (actual record)

Stored amounts in each unit building (Units 1 to 4 (including condensers and trenches)) and stored and treated amounts, and other related data in the Accumulated Water Storing Facility as of July 21, 2016 are shown in the Attachment -1.

#### 3. Forecast of storing and treatment

#### (1) Short term forecast

Water transfer is planned so that the levels of the accumulated water in Units 1 and 2 and Units 3 and 4 building will be maintained around at the level of OP. 3,000, based on the stored amount in the Accumulated Water Storing Facilities and the operating situation of the radioactive material treatment equipment. Water is transferred to the Process Main Building and/or High Temperature Incinerator Building as Accumulated Water Storing Facilities.

Treatment is implemented considering the state of storage and transfer of Accumulated Water Storing Facilities.

We assume stored amounts in each unit building (Units 1 to 4 (including condenser and trench)), and stored and treated amounts, and other related data in the Accumulated Water Storing Facilities as of July 28, 2016, as shown in Attachment -2.

### (2) Middle term forecast

Regarding accumulated water in Units 1 and 2 buildings and Units 3 and 4 buildings, from the viewpoint of reducing the risks of discharging to the ocean and leaking into the groundwater, it is necessary to keep enough capacity for the accumulated water in the building until its level reaches OP. 4,000 and to keep the accumulated water level lower than the groundwater level. On the other hand, based on the view of limiting inflow of underwater to buildings and reducing the amount of emerged accumulated water, we are planning to transfer accumulated water keeping its level in the building around OP. 3,000 considering water tank capacity.

As for accumulated water of the Process Main Building and the High Temperature Incinerator Building, we are planning to treat the accumulated water considering the situation of construction of middle and low level waste water tanks, the operation factor of the radioactive material treatment instruments and duration for maintenance.

We forecast stored amounts in each unit building (Units 1 to 4 (including condensers and trenches)), and storing and treatment situations in the Accumulated Water Storing Facilities for the next 3 months, as shown in Attachment -3.

Stored amounts in each building and the water storage equipment are forecasted to be unchanged in case transfer and treatment were implemented as scheduled without rain. However, it would be subject to change depending on the operation factor of the radioactive material treatment instruments and so on.

Also, the water treated at the radioactive material treatment equipment (fresh water and condensed salt water) can be stored in the middle and low level waste water tanks.

END

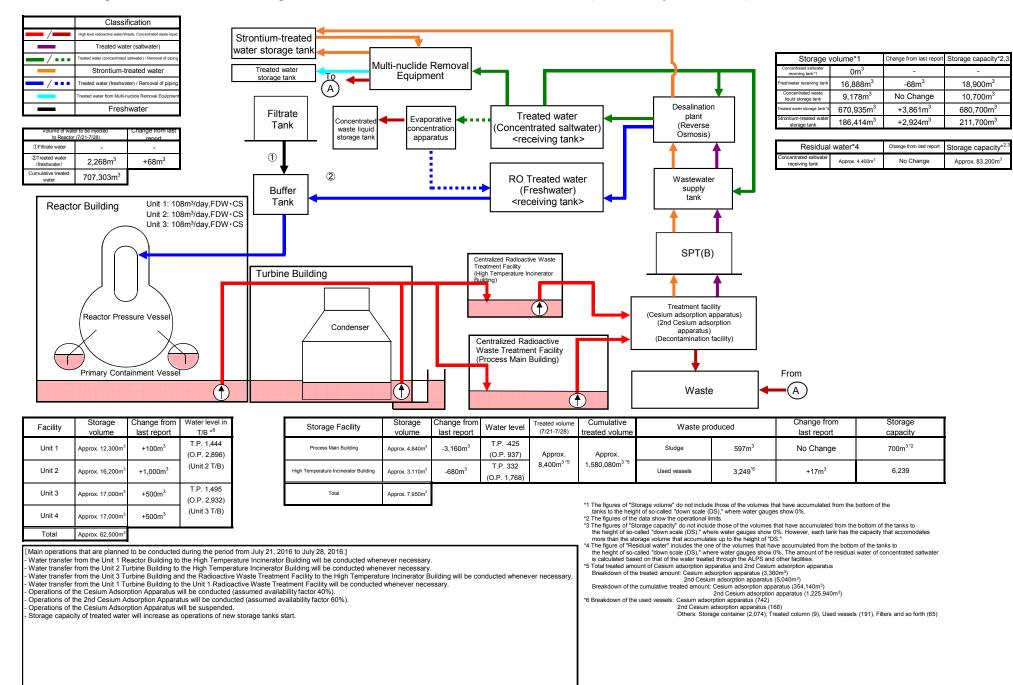
Attachment-1

# Storage and treatment of high level radioactive accumulated water (as of July 21, 2016)

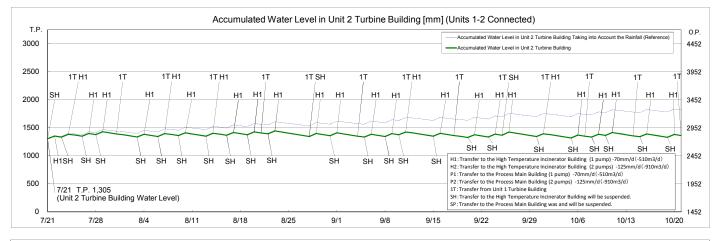
	Classi	fication														
	High level radioactive water/ V	aste, Concentrated waste liquid	S	Strontium-ti									Storage volu	ıme*1,2	Change from last report	Storage capacity <sup>*3,4</sup>
	Treated wat	er (saltwater)											Concentrated saltwater receiving tank*1	0m <sup>3</sup>		-
		. ,	w	ater storag									Freshwater receiving tank	16,956m <sup>3</sup>	+141m <sup>3</sup>	18,900m <sup>3</sup>
/	-			Treated wa	ntor N	lulti-nuclide							Concentrated waste			
		reated water		storage ta		Facili	ty						liquid storage tank	9,178m <sup>3</sup>	No Change	10,700m <sup>3</sup>
/	Treated water (fresh	nwater), pipe removal			— (A) — L							T I		667,074m <sup>3</sup>	+4,459m <sup>3</sup>	676,000m <sup>3</sup>
	Treated water from Mult	i-nuclide Removal Facility										<u> </u>	Strontium-treated water storage tank	183,490m <sup>3</sup>	-171m <sup>3</sup>	211,700m <sup>3</sup>
	Fresh	nwater									Desalinatio	n	-			
			4	Filtra		Evapo	rative		eated water	I ← −	plant		Residual w	ater*5	Change from last report	Storage capacity*3,4
Volume of v	water to be injected	Change from last	1	Tar	nk waste liquid	concer		(Concei	ntrated saltw	vater)	(Reverse		Concentrated			
to Rear	ctor (7/14-7/21)	report			storage tank	appa	ratus	<re< td=""><td>ceiving tank</td><td>(&gt;</td><td>Osmosis)</td><td></td><td>saltwater tank Ap</td><td>prox. 4,400m</td><td>No Change</td><td>Approx. 83,200m<sup>3</sup></td></re<>	ceiving tank	(>	Osmosis)		saltwater tank Ap	prox. 4,400m	No Change	Approx. 83,200m <sup>3</sup>
①Filtrate water	-	-							-							
②Treated water	2,200m <sup>3</sup>	-9m <sup>3</sup>		1									Storage vo	olume	Change from last report	Storage volume*3
(freshwater) Cumulative treated		-3111	J	•	/								Wastewater			
water	<sup>°</sup> 705,035m <sup>3</sup>				2				Treated wat	er	Wastewate	r	supply tank	725m <sup>3</sup>	-14m <sup>3</sup>	1,200m <sup>3</sup>
		-		Buff			••••••	•► (F	reshwater)		supply		SPT(B)	780m <sup>3</sup>	-426m <sup>3</sup>	3,100m <sup>3</sup>
		Linit 1: 1	06m³/day,FDW ⋅C	s Tar	nk			<re< td=""><td>ceiving tank</td><td>&gt; 🔫</td><td>tank</td><td>-</td><td></td><td></td><td></td><td></td></re<>	ceiving tank	> 🔫	tank	-				
Read	ctor Building		•	~II					-							
			03m <sup>3</sup> /day,FDW · C								T	Т			011.11	
		Unit 3: 1	06m³/day,FDW · C	S								L				oncentration
		_ )											Before/After De	salination	210ppm/<1ppm (	Sampled on July 12)
							_				SPT(B		Before/After Evaporativ	e Concentration		-
							C	entralized Radioac eatment Facility	tive Waste							
				Turbin	e Building		(H	ligh Temperature I	ncinerator				Place of Sa	mpling	Padioactivity	concentration*6
				Turbin			B	uilding)			<b>↑</b>	♠		1 0		ampled on June 22)
								+		<b>.</b>			Process Main			
		- \									Treatment fac	ility	Exit of cesium adsorption		1.5E+02 Bq/L (S	ampled on June 22)
	Reactor Pre	ssure Vessel										Cesium adsorption apparatus)		Exit of decontamination facility –		
		. )			Condenser						(2nd Cesium ads		High Temperature Inc	inerator Building	7.9E+06 Bq/L (S	Sampled on July 12)
	$\bigvee$	$\sim$								apparatus) (decontamination facility)			Exit of second cesium adsorption apparatus 1.1E+03 Bq/L (Sampled on July 12)			
	$\rightarrow$	$\sim$							d Radioactive		(decontainination	raointy)				
	$\leftarrow$								atment Facility Main Building)							
			· ·					(Process i	viain Building)		<b>V</b>					
	Primary Cont	ainment Vesse											From			
			$(\uparrow)$					<b>V</b>			Waste		-A			
			$\bigcirc$						C		114010					
									<u> </u>							
E Ilite	Storage	Change from	Water level in			Storage	Change from	Water level	Treated volume	Cumulative	Weste are	duaad	Change from		Storage	1
Facility	volume		T/B *8					+8		treated volume	Waste pro	aucea				
	Toranio	last report	I/D		Storage Facility	volume	last report	*-	(7/14-7/21)		•		last report		capacity	
11-34.4			T.P. 1.260			volume		T.P.474	(7/14-7/21)	treated volume			last report		capacity	
Unit 1	Approx. 12,200m <sup>3</sup>	last report No Change	T.P. 1,260		Storage Facility Process Main Building		-840m <sup>3</sup>	T.P.474	, ,		Sludge	597m <sup>3</sup>				
	Approx. 12,200m <sup>3</sup>	No Change	T.P. 1,260 (O.P. 2,717)		Process Main Building	Volume Approx. 8,000m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836)	(7/14-7/21) Approx.5,840m 3*7	Approx. 1,571,680m <sup>3 *7</sup>	Sludge	597m <sup>3</sup>	last report No Change		capacity 700m <sup>3 *3</sup>	
Unit 1 Unit 2			T.P. 1,260 (O.P. 2,717) T.P. 1,305			volume		T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx.			last report		capacity	
	Approx. 12,200m <sup>3</sup>	No Change	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757)		Process Main Building	Volume Approx. 8,000m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836)	Approx.5,840m	Approx.	Sludge	597m <sup>3</sup>	last report No Change		capacity 700m <sup>3 *3</sup>	
	Approx. 12,200m <sup>3</sup>	No Change	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436		Process Main Building	Volume Approx. 8,000m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels	597m <sup>3</sup> 3,232 <sup>*9</sup>	last report No Change +11m <sup>3</sup> se water levels during water transf	ier are not stable.	capacity 700m <sup>3 *3</sup> 6,239	
Unit 2	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup>	No Change -900m <sup>3</sup>	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873)		Process Main Building High Temperature Incinerator Building	volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels	597m <sup>3</sup> 3,232 <sup>*9</sup>	last report No Change +11m <sup>3</sup> se water levels during water transf	ier are not stable.	capacity 700m <sup>3 *3</sup> 6,239	
Unit 2	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup>	No Change -900m <sup>3</sup>	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491		Process Main Building High Temperature Incinerator Building	volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels 11 The figures of the data are treat 2 The figures of the storage volur of the tanks to the height of so- Freshwater receiving tank (age)	597m <sup>3</sup> 3,232 <sup>*9</sup> dd as a reference, becau e do not include those of alled "down scale (DS)," 0.100m <sup>3</sup> , Concentral	I ast report No Change +11m <sup>3</sup> se water levels during water transit where water gauges show 0%: ed waste liquid targe tank (eg)	ier are not stable. cccumulated from the rox.100m <sup>3</sup> ),	capacity 700m <sup>3 *3</sup> 6,239	
Unit 2 Unit 3 Unit 4	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup>	No Change -900m <sup>3</sup> -300m <sup>3</sup>	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873)		Process Main Building High Temperature Incinerator Building	volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels <sup>11</sup> The figures of the storage volur of the tanks to the height of oc- Friestwater receiving tank (appr Treaded water storage tank (app	597m <sup>3</sup> 3,232 <sup>*9</sup> ad as a reference, becau e do not include those of alled "down scale (DS)," occentrat rox. 1,000m <sup>3</sup> ), Strontium	I ast report No Change +11m <sup>3</sup> se water levels during water transf the following volumes that have a where water gauges show 0%: ed waste liquid storage tark (appr revated water scarge tark (appr revated water scarge tark (app	ier are not stable. cccumulated from the rox.100m <sup>3</sup> ). x. 3,000m <sup>3</sup> ).	capacity 700m <sup>3 * 3</sup> 6,239 e bottom	
Unit 2 Unit 3	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup>	No Change -900m <sup>3</sup> -300m <sup>3</sup>	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491		Process Main Building High Temperature Incinerator Building	volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels <sup>11</sup> The figures of the storage volur of the tanks to the height of oc- Friestwater receiving tank (appr Treaded water storage tank (app	597m <sup>3</sup> 3,232 <sup>*9</sup> ad as a reference, becau e do not include those of alled "down scale (DS)," occentrat rox. 1,000m <sup>3</sup> ), Strontium	I ast report No Change +11m <sup>3</sup> se water levels during water transf the following volumes that have a where water gauges show 0%: ed waste liquid storage tark (appr revated water scarge tark (appr revated water scarge tark (app	ier are not stable. cccumulated from the rox.100m <sup>3</sup> ). x. 3,000m <sup>3</sup> ).	capacity 700m <sup>3 * 3</sup> 6,239 e bottom	
Unit 2 Unit 3 Unit 4 Total	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup>	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930)	14, 2016 (the pi	Process Main Building High Temperature Incinerator Building	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup>	-840m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels <sup>11</sup> The figures of the storage volur of the tanks to the height of oc- Friestwater receiving tank (appr Treaded water storage tank (app	597m <sup>3</sup> 3,232 <sup>*9</sup> ad as a reference, becau e do not include those of alled "down scale (DS)," occentrat rox. 1,000m <sup>3</sup> ), Strontium	I ast report No Change +11m <sup>3</sup> se water levels during water transf the following volumes that have a where water gauges show 0%: ed waste liquid storage tark (appr revated water scarge tark (appr revated water scarge tark (app	ier are not stable. cccumulated from the rox.100m <sup>3</sup> ). x. 3,000m <sup>3</sup> ).	capacity 700m <sup>3 * 3</sup> 6,239 e bottom	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ms that have been c er from the Unit 1 R	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during to eactor Building to	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930)	re Incinerator B	Process Main Building High Temperature Incinerator Building Total revious announcement data) to uilding was conducted whenever	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] rr necessary.	-840m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888	Approx.5,840m	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels 11 The figures of the data are treat 2 The figures of the storage volur of the tanks to the height of so-f restrukter receiving tank (app 3 The figures of "Storage capacity the height of ac-called "downs 5 The figures of "Storage capacity the height of ac-called "downs 5 The figures of "Recident water" in 5 The figures of Secolated "downs 5 The figures of Secolated "d	597m <sup>3</sup> 3,232 <sup>*9</sup> d as a reference, becau e do not include those of alled 'down scale (DS)', operational limits. 'do not include those of goerational limits. 'do not include those of goerational limits.	I ast report No Change +11m <sup>3</sup> ex water levels during water franct the following volumes that have a where water gauges show 0%: ed waste liquid korage tank (appro treated water storage tank (appro treated water storage tank (appro the volumes that have accumulate ages show 0%; however, each however, each a height of DS: accumulated from access show 0%; here anound of the	fer are not stable. ccumulated from the rox 100m <sup>3</sup> ), x. 3.000m <sup>3</sup> ). d from the bottom of has the capacity the bottom of the ta residual water of o	capacity 700m <sup>3 * 3</sup> 6,239 e bottom the tanks to thet accomodates ints to	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ms that have been c er from the Unit 1 T. From the Unit 2 T.	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during: eactor Building to	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the High Temperatur the High Temperatur	re Incinerator B e Incinerator B	Process Main Building High Temperature Incinerator Building Total revious announcement data) to uilding was conducted wheneve	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] r necessary.	-840m <sup>3</sup> +920m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels '1 The figures of the data are treat '2 The figures of the storage volum of the tanks to the height of so-f Frestivater receiving tark (app '3 The figures of 'Storage capacity the height of so-called 'down so "5 The figures of 'Storage capacity is the height of so-called 'down so "5 The figures of 'Storage capacity is hereing the so-called 'down so "5 The figures of 'Storage capacity is the height of so-called 'down so "5 The figure of medical water of "5 The figure of medical water of sativater is calculated based of '5 The data show here are those	597m <sup>3</sup> 3,232 <sup>19</sup> d as a reference, becau e do not include those of alled 'down scale (DS)', operational limits. 'do not include those of operational limits. 'do not include those of the vol cubics the one of the vol cubics the one of the vol the voltes the other of the voltes the other of the voltes theological the voltes theological theological that of the voltes theological	I ast report No Change +11m <sup>3</sup> se water levels during water tends the calowing volumes that have where water gauges show 0%. et waste liquid strage tank (appro the volumes that have accumulate ages show 0%. The amount of th through the ALPS and other facility through the ALPS and other facility	fer are not stable. cocumulated from the rox 100m <sup>3</sup> ), x 3,000m <sup>3</sup> ), d from the bottom of the bottom of the ta the residual water of otes.	capacity 700m <sup>3 * 3</sup> 6,239 e bottom the tanks to thet accomodates ints to	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - Water transfe	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> Approx. 60,400m <sup>3</sup> Ins that have been c er from the Unit 1 R er from the Unit 2 T from the Unit 3 T	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during to rabine Building to trbine Building an	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the high Temperatur the High Temperatur the High Temperatur the High Temperatur	re Incinerator B e Incinerator B aste Treatment	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve uilding was conducted whenever	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] rr necessary. r necessary.	-840m <sup>3</sup> +920m <sup>3</sup>	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels 1 The figures of the data are treat 2 The figures of the storage votur of the tanks to the height of so- Firstwater receiving tark (app 1 The figures of the storage votur) 1 The figures of the storage voture 1 The figures of Storage capacity the height of so-called 'down so more than the storage voture 15 The figure of Residual water' in the height of so-called 'down so more than the storage voture 15 The figures of Residual water' in 16 The figures of Residual water' in 17 Total Interlet memory of Cresing	597m <sup>3</sup> 3,232 <sup>*9</sup> d as a reference, becau e d not include those of alled 'down sade (35)', vo. 1,000m <sup>3</sup> ), Concentral ross, 1,000m <sup>3</sup> ), Concentral ross, 1,000m <sup>3</sup> , 1,0	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%: ed waste liquid torage tank (apport de waste liquid torage tank (apport the volumes that have accumulated auges show 0%. However, each to height of "DS." umes that have accumulated from auges show 0%. The amount of the through the ALPS and other facilit 1 and Casima macroning anageant	fer are not stable. cocumulated from the rox 100m <sup>3</sup> ), x 3,000m <sup>3</sup> ), d from the bottom of the bottom of the ta the residual water of otes.	capacity 700m <sup>3 * 3</sup> 6,239 e bottom the tanks to thet accomodates ints to	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - On July 17, v - Operations o	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ms that have been c er from the Unit 1 Tu er from the Unit 2 Tu er from the Unit 3 Tu water transfer from t	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during aactor Building to trbine Building an trbine Building an e Unit 1 Turbine	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the Period from July 1 the High Temperatur d the Radioactive Wi Building to the Unit 1 as been conducted; 1	re Incinerator B re Incinerator B aste Treatment 1 Radioactive W the availability f	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve uilding was conducted wheneve facility to the High Temperatur Yaste Treatment Facility was co	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary. r necessary. r necessary. e Incinerator Buil nducted. simulated: 10%	-840m <sup>3</sup> +920m <sup>3</sup> ding was condu	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels '1 The figures of the data are treat '2 The figures of the storage volum of the tanks to the height of so-f Frestwater receiving tank (app Tareaded water storage volume to the data show the storage volume to 5 The figure of Tescialad Yaom so satilyater is calculated based of 5 The data show there are thoses 7 Total treated amount of Cesium Breakdown of the treated amount	597m <sup>3</sup> 3,232 <sup>*9</sup> dd as a reference, becaut e do not include those of alled "down sade (IS)", ox 1,000m <sup>3</sup> ), Strottium con 1,000m <sup>3</sup> ), Strottium ale (DS), where water g ale (DS), where water g that of the water traded d CA-137. adocption appendix on the 20-137.	last report     No Change     +11m <sup>3</sup> se water levels during water transit     the following volumes that have     where water gauges show 0%:     ed waste liquid target tank (appro         the volumes that have accumulate         ages show 6%. However, each         water sugges show 0%. The amount of the         volumes that have accumulate         ages show 6%. However, each         the volumes that have accumulate         ages show 6%. However, each         add         add         add	fer are not stable. cocumulated from the rox 100m <sup>3</sup> ). x. 3,000m <sup>3</sup> ). id from the bottom o finh has the capacity the bottom of the ta the residual water of of ties. Is	capacity 700m <sup>3 * 3</sup> 6,239 e bottom the tanks to thet accomodates ints to	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - On July 17, v - Operations o - Operations o	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ons that have been c from the Unit 1 R er from the Unit 2 T water transfer from t f the Cesium Adsorp f the 2nd Cesium Adsorp	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during is actor Building to rrbine Building to rrbine Building to rrbine Building to rbine Apparatus h Sorption Apparatus	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the period from July 1 the High Temperatur the High Temperatur	re Incinerator B re Incinerator B aste Treatment I Radioactive W the availability f ted; the availab	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve Facility to the High Temperatur vaste Treatment Facility was co	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary. r necessary. r necessary. e Incinerator Buil nducted. simulated: 10%	-840m <sup>3</sup> +920m <sup>3</sup> ding was condu	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 '7</sup>	Sludge Used vessels 11 The figures of the data are treat. 2 The figures of the storage volum of the tanks to the height of so- Freshwater receiving tark (app 3 The figures of "Storage capacity in the data show the data show the 4 The figures of "Storage capacity into the data show the storage volume 5 The figures of Ascinger Volume 5 The figure of Ascinger Volume 5 The figure of Ascinger Volume 7 Total treated amount of Cesium Breakdown of the camulative tin	597m <sup>3</sup> 3,232 <sup>*9</sup> d as a reference, becau e do not include those of alled 'down scale (15)', occentration (16) (16) (16) (16) (16) operational limits. 'do not include those of operational limits. 'do not include those of add cost of the water treated of Co-137. add option apparatus an 2nd Ceslum addorption and cost of the mass add amount Cost on and add amount Cost on add add add add add add add add add add	I ast report No Change +11m <sup>3</sup> ewater levels during water frand the following volumes that have a where water gauges show 0%. ewater liquid torage tank (appro treated water storage tank (appro the volumes that have accumulate ages show 0%. However, each to a height of DS. <sup>1</sup> begit of DS. <sup>1</sup> the accumulated from ages show 0%. The amount of the through the ALPS and other facili 2 drd Cesium adsorption apparatus (q. 470m <sup>3</sup> ) in apparatus (q. 470m <sup>3</sup> ) in apparatus (q. 470m <sup>3</sup> )	fer are not stable. cocumulated from the rox 100m <sup>3</sup> ). x. 3,000m <sup>3</sup> ). id from the bottom o finh has the capacity the bottom of the ta the residual water of of ties. Is	capacity 700m <sup>3 * 3</sup> 6,239 e bottom the tanks to thet accomodates ints to	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - On July 17, v - Operations o - Operations o - From July 19	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ms that have been c er from the Unit 2 T ref from the Unit 2 T ref from the Unit 2 T water transfer from t the Cesium Adsor f the Cesium Adsor f the Cesium Adsor of the Cesium Adsor f	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during: eactor Building to trbine Building to trbine Building to trbine Building to trbine Building to trbine Building to trbine Building to sector Building to trbine Building to sector Apparatus h dsorption Apparatus sesium Adsorptio	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the Period from July 1 the High Temperatur d the Radioactive Wi Building to the Unit 1 as been conducted; 1	re Incinerator B e Incinerator B aste Treatment I Radioactive W the availability f ted; the availab en resumed.	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve uilding was conducted wheneve facility to the High Temperatur Yaste Treatment Facility was co	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary. r necessary. r necessary. e Incinerator Buil nducted. simulated: 10%	-840m <sup>3</sup> +920m <sup>3</sup> ding was condu	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 '7</sup>	Sludge Used vessels	597m <sup>3</sup> 3,232 <sup>*9</sup> d as a reference, becau e do not include those of laid 'down sele (DS),' xx. 1000m <sup>3</sup> ), Concentral add 'down sele (DS), 'bero et al collar the selection of at accumation of the d the collar the selection add collar the selection of add collar the selection of the Cality maker water g and collar the selection add collar the selection of add collar the selection of the Cality add the selection add collar the selection of the d the selection of t	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%. ed waste liquid torage tank (appro treated water storage tank (appro treated water storage tank (appro the volumes that have accumulate ages show 0%. However, each ta a begin of TOS." muses that have, scumulated from unes that have, scumulated from anges that 0%. The and/or of the through the ALPS and other facil 2 and Cesium adsorption apparatus grantus (360.780 <sup>-1</sup> ) in apparatus (360.780 <sup>-1</sup> ) in apparatus (360.780 <sup>-1</sup> ) for the science of the science of the transform apparatus (360.780 <sup>-1</sup> ) for the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the science of the transform of the science of the science of the science of the science of the transform of the science of the science of the science of the transform of	fer are not stable. cocumulated from the rox 100m <sup>3</sup> ). x. 3,000m <sup>3</sup> ). id from the bottom o finh has the capacity the bottom of the ta the residual water of of ties. Is	capacity 700m <sup>3 * 3</sup> 6,239 e bottom the tanks to thet accomodates ints to	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - Water transfe - On July 17, v - Operations o - From July 19 - Storage cape - Storage cape	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ans that have been o er from the Unit 1 Ri er from the Unit 2 Ti er from the Unit 2 Ti er from the Unit 3 Ti er from the Unit 3 Ti of the Cesium Adsorp of the 2nd Cesium Adsorp	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during i pactor Building to trbine Building to trbine Building to trbine Building to trbine Apparatus he Unit 1 Turbine Diton Apparatus he Storption Apparat Zesium Adsorptio i nicreased as op waste liquid dec	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the High Temperatur d the Radioactive W Building to the Unit 1 as been conducted; us has been conducted Apparatus have be erations of new stora	re Incinerator B e Incinerator B aste Treatment I Radioactive V the availability f ted; the availab en resumed. ige tanks start. g the operation:	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve liding was conducted wheneve Facility to the High Temperatur Vaste Treatment Facility was co factor has been 12% (previous) lifty factor has been 58% (previ	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary, r necessary, r necessary, e lncinerator Buil ducted. r simulated: 10% pusly simulated: 1	-840m <sup>3</sup> +920m <sup>3</sup> ding was condur ). 35%).	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 '7</sup>	Sludge Used vessels "1 The figures of the data are treat "2 The figures of the storage votur Freshwater receiving tank (appr Treated water storage tank (appr "3 The figures of the data show the "4 The figures of "Storage capacity the height of so-called "Storage voture" "5 The figure of "Residual water" in somore than the storage voture" 15 The figure of "Residual water" in software in circulated based 15 The figure of the available that "1 Total treated amount of Casiling Breakdown of the camulative fin "9 The data of the water levels in "9 The data of the water levels in the "9 The data of the water levels in the "9 The data of the water levels in the voter levels in the "9 The data of the water levels in the soft	597m <sup>3</sup> 3,232 <sup>*9</sup> da as a reference, becaus e do not include those of on to include those of ox 1000m <sup>3</sup> , Concentral over 1000m <sup>3</sup> , Concentral dae (DS), Strontum operational limits. "do not include those of ale (DS), where waterg datoption appartus an 2nd Cesium adsorption reflecting and adsorption adsorption appartus an Cesium adsorption appartus and Cesium adsorption appart Cesium adsorption appart cesium adsorption and Cesium adsorption appart Cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium advant cesium appart cesium adsorption	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%. ed waste liquid torage tank (appro treated water storage tank (appro treated water storage tank (appro the volumes that have accumulate ages show 0%. However, each ta a begin of TOS." muses that have, scumulated from unes that have, scumulated from anges that 0%. The and/or of the through the ALPS and other facil 2 and Cesium adsorption apparatus grantus (360.780 <sup>-1</sup> ) in apparatus (360.780 <sup>-1</sup> ) in apparatus (360.780 <sup>-1</sup> ) for the science of the science of the transform apparatus (360.780 <sup>-1</sup> ) for the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of the science of the transform of the science of the science of	er are not stable. cccumulated from the rox-100m <sup>3</sup> ), x. 3.000m <sup>3</sup> ), d from the bottom of ank has the capacity the bottom of the ta te residual water of of ties. Is Om <sup>3</sup> )	capacity 700m <sup>3 *3</sup> 6,239 e bottom fthe tanks to that accomodates inks to concentrated	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - Water transfe - On July 17, v - Operations o - Operations o - From July 19 - Storage capa - Storage capa	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ans that have been o er from the Unit 1 Ri er from the Unit 2 Ti er from the Unit 2 Ti er from the Unit 3 Ti er from the Unit 3 Ti of the Cesium Adsorp of the 2nd Cesium Adsorp	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during i pactor Building to trbine Building to trbine Building to trbine Building to trbine Apparatus he Unit 1 Turbine Diton Apparatus he Storption Apparat Zesium Adsorptio i nicreased as op waste liquid dec	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the High Temperatur d the Radioactive W Building to the Unit 1 as been conducted; us has been conducted Apparatus have be erations of new stora	re Incinerator B e Incinerator B aste Treatment I Radioactive V the availability f ted; the availab en resumed. ige tanks start. g the operation:	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve uilding was conducted whenever calify to the High Temperatur Vaste Treatment Facility was co	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary, r necessary, r necessary, e lncinerator Buil ducted. r simulated: 10% pusly simulated: 1	-840m <sup>3</sup> +920m <sup>3</sup> ding was condur ). 35%).	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels "1 The figures of the data are treat "2 The figures of the storage votur Freshwater receiving tank (appr Treated water storage tank (appr "3 The figures of the data show the "4 The figures of "Storage capacity the height of so-called "Storage voture" "5 The figure of "Residual water" in somore than the storage voture" 15 The figure of "Residual water" in software in circulated based 15 The figure of the available that "1 Total treated amount of Casiling Breakdown of the camulative fin "9 The data of the water levels in "9 The data of the water levels in the "9 The data of the water levels in the "9 The data of the water levels in the voter levels in the "9 The data of the water levels in the soft	597m <sup>3</sup> 3,232 <sup>*9</sup> da as a reference, becaus e do not include those of on to include those of ox 1000m <sup>3</sup> , Concentral over 1000m <sup>3</sup> , Concentral dae (DS), Strontum operational limits. "do not include those of ale (DS), where waterg datoption appartus an 2nd Cesium adsorption reflecting and adsorption adsorption appartus an Cesium adsorption appartus and Cesium adsorption appart Cesium adsorption appart cesium adsorption and Cesium adsorption appart Cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium advant cesium appart cesium adsorption	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%: ed waste liquid torage tank (apport the volumes that have accumulated auges show 0%. However, each to sheight of TSS. The and the ALPS and the facilit of and Cesium adsorption apparatus paratus (350,70m <sup>3</sup> ) korption apparatus (360,70m <sup>3</sup> )	er are not stable. cccumulated from the rox-100m <sup>3</sup> ), x. 3.000m <sup>3</sup> ), d from the bottom of ank has the capacity the bottom of the ta te residual water of of ties. Is Om <sup>3</sup> )	capacity 700m <sup>3 *3</sup> 6,239 e bottom fthe tanks to that accomodates inks to concentrated	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - Water transfe - On July 17, v - Operations o - Operations o - From July 19 - Storage capa - Storage capa	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ans that have been o er from the Unit 1 Ri er from the Unit 2 Ti er from the Unit 2 Ti er from the Unit 3 Ti er from the Unit 3 Ti of the Cesium Adsorp of the 2nd Cesium Adsorp	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during i pactor Building to trbine Building to trbine Building to trbine Building to trbine Apparatus he Unit 1 Turbine Diton Apparatus he Storption Apparat Zesium Adsorptio i nicreased as op waste liquid dec	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the High Temperatur d the Radioactive W Building to the Unit 1 as been conducted; us has been conducted Apparatus have be erations of new stora	re Incinerator B e Incinerator B aste Treatment I Radioactive V the availability f ted; the availab en resumed. ige tanks start. g the operation:	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve liding was conducted wheneve Facility to the High Temperatur Vaste Treatment Facility was co factor has been 12% (previous) lifty factor has been 58% (previ	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary, r necessary, r necessary, e lncinerator Buil ducted. r simulated: 10% pusly simulated: 1	-840m <sup>3</sup> +920m <sup>3</sup> ding was conduc ). 35%).	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels "1 The figures of the data are treat "2 The figures of the storage votur Freshwater receiving tank (appr Treated water storage tank (appr "3 The figures of the data show the "4 The figures of "Storage capacity the height of so-called "Storage voture" "5 The figure of "Residual water" in somore than the storage voture" 15 The figure of "Residual water" in software in circulated based 15 The figure of the available that "1 Total treated amount of Casiling Breakdown of the camulative fin "9 The data of the water levels in "9 The data of the water levels in the "9 The data of the water levels in the "9 The data of the water levels in the voter levels in the "9 The data of the water levels in the soft	597m <sup>3</sup> 3,232 <sup>*9</sup> da as a reference, becaus e do not include those of on to include those of ox 1000m <sup>3</sup> , Concentral over 1000m <sup>3</sup> , Concentral dae (DS), Strontum operational limits. "do not include those of ale (DS), where waterg datoption appartus an 2nd Cesium adsorption reflecting and adsorption adsorption appartus an Cesium adsorption appartus and Cesium adsorption appart Cesium adsorption appart cesium adsorption and Cesium adsorption appart Cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium advant cesium appart cesium adsorption	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%: ed waste liquid torage tank (apport the volumes that have accumulated auges show 0%. However, each to sheight of TSS. The and the ALPS and the facilit of and Cesium adsorption apparatus paratus (350,70m <sup>3</sup> ) korption apparatus (360,70m <sup>3</sup> )	er are not stable. cccumulated from the rox-100m <sup>3</sup> ), x. 3.000m <sup>3</sup> ), d from the bottom of ank has the capacity the bottom of the ta te residual water of of ties. Is Om <sup>3</sup> )	capacity 700m <sup>3 *3</sup> 6,239 e bottom fthe tanks to that accomodates inks to concentrated	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - Water transfe - On July 17, v - Operations o - Operations o - From July 19 - Storage capa - Storage capa	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ans that have been o er from the Unit 1 Ri er from the Unit 2 Ti er from the Unit 2 Ti er from the Unit 3 Ti er from the Unit 3 Ti of the Cesium Adsorp of the 2nd Cesium Adsorp	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during i pactor Building to trbine Building to trbine Building to trbine Building to trbine Apparatus he Unit 1 Turbine Diton Apparatus he Storption Apparat Zesium Adsorptio i nicreased as op waste liquid dec	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the High Temperatur d the Radioactive W Building to the Unit 1 as been conducted; us has been conducted Apparatus have be erations of new stora	re Incinerator B e Incinerator B aste Treatment I Radioactive V the availability f ted; the availab en resumed. ige tanks start. g the operation:	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve liding was conducted wheneve Facility to the High Temperatur Vaste Treatment Facility was co factor has been 12% (previous) lifty factor has been 58% (previ	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary, r necessary, r necessary, e lncinerator Buil ducted. r simulated: 10% pusly simulated: 1	-840m <sup>3</sup> +920m <sup>3</sup> ding was conduc ). 35%).	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels "1 The figures of the data are treat "2 The figures of the storage votur Freshwater receiving tank (appr Treated water storage tank (appr "3 The figures of the data show the "4 The figures of "Storage capacity the height of so-called "Storage voture" "5 The figure of "Residual water" in somore than the storage voture" 15 The figure of "Residual water" in software in circulated based 15 The figure of the available that "1 Total treated amount of Casiling Breakdown of the camulative fin "9 The data of the water levels in "9 The data of the water levels in the "9 The data of the water levels in the "9 The data of the water levels in the voter levels in the "9 The data of the water levels in the soft	597m <sup>3</sup> 3,232 <sup>*9</sup> da as a reference, becaus e do not include those of on to include those of ox 1000m <sup>3</sup> , Concentral over 1000m <sup>3</sup> , Concentral dae (DS), Strontum operational limits. "do not include those of ale (DS), where waterg datoption appartus an 2nd Cesium adsorption reflecting and adsorption adsorption appartus an Cesium adsorption appartus and Cesium adsorption appart Cesium adsorption appart cesium adsorption and Cesium adsorption appart Cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium advant cesium appart cesium adsorption	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%: ed waste liquid torage tank (apport the volumes that have accumulated auges show 0%. However, each to sheight of TSS. The and the ALPS and the facilit of and Cesium adsorption apparatus paratus (350,70m <sup>3</sup> ) korption apparatus (360,70m <sup>3</sup> )	er are not stable. cccumulated from the rox-100m <sup>3</sup> ), x. 3.000m <sup>3</sup> ), d from the bottom of ank has the capacity the bottom of the ta te residual water of of ties. Is Om <sup>3</sup> )	capacity 700m <sup>3 *3</sup> 6,239 e bottom fthe tanks to that accomodates inks to concentrated	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - Water transfe - On July 17, v - Operations o - Operations o - From July 19 - Storage capa - Storage capa	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ans that have been o er from the Unit 1 Ri er from the Unit 2 Ti er from the Unit 2 Ti er from the Unit 3 Ti er from the Unit 3 Ti of the Cesium Adsorp of the 2nd Cesium Adsorp	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during i pactor Building to trbine Building to trbine Building to trbine Building to trbine Apparatus he Unit 1 Turbine Diton Apparatus he Storption Apparat Zesium Adsorptio i nicreased as op waste liquid dec	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the High Temperatur d the Radioactive W Building to the Unit 1 as been conducted; us has been conducted Apparatus have be erations of new stora	re Incinerator B e Incinerator B aste Treatment I Radioactive V the availability f ted; the availab en resumed. ige tanks start. g the operation:	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve liding was conducted wheneve Facility to the High Temperatur Vaste Treatment Facility was co factor has been 12% (previous) lifty factor has been 58% (previ	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary, r necessary, r necessary, e lncinerator Buil ducted. r simulated: 10% pusly simulated: 1	-840m <sup>3</sup> +920m <sup>3</sup> ding was conduc ). 35%).	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels "1 The figures of the data are treat "2 The figures of the storage votur Freshwater receiving tank (appr Treated water storage tank (appr "3 The figures of the data show the "4 The figures of "Storage capacity the height of so-called "Storage voture" "5 The figure of "Residual water" in somore than the storage voture" 15 The figure of "Residual water" in software in circulated based 15 The figure of the available that "1 Total treated amount of Casiling Breakdown of the camulative fin "9 The data of the water levels in "9 The data of the water levels in the "9 The data of the water levels in the "9 The data of the water levels in the voter levels in the "9 The data of the water levels in the soft	597m <sup>3</sup> 3,232 <sup>*9</sup> da as a reference, becaus e do not include those of on to include those of ox 1000m <sup>3</sup> , Concentral over 1000m <sup>3</sup> , Concentral dae (DS), Strontum operational limits. "do not include those of ale (DS), where waterg datoption appartus an 2nd Cesium adsorption reflecting and adsorption adsorption appartus an Cesium adsorption appartus and Cesium adsorption appart Cesium adsorption appart cesium adsorption and Cesium adsorption appart Cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium advant cesium appart cesium adsorption	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%: ed waste liquid torage tank (apport the volumes that have accumulated auges show 0%. However, each to sheight of TSS. The and the ALPS and the facilit of and Cesium adsorption apparatus paratus (350,70m <sup>3</sup> ) korption apparatus (360,70m <sup>3</sup> )	er are not stable. cccumulated from the rox-100m <sup>3</sup> ), x. 3.000m <sup>3</sup> ), d from the bottom of ank has the capacity the bottom of the ta te residual water of of ties. Is Om <sup>3</sup> )	capacity 700m <sup>3 *3</sup> 6,239 e bottom fthe tanks to that accomodates inks to concentrated	
Unit 2 Unit 3 Unit 4 Total [Main operatio - Water transfe - Water transfe - Water transfe - On July 17, v - Operations o - Operations o - From July 19 - Storage capa - Storage capa	Approx. 12,200m <sup>3</sup> Approx. 15,200m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 16,500m <sup>3</sup> Approx. 60,400m <sup>3</sup> ans that have been o er from the Unit 1 Ri er from the Unit 2 Ti er from the Unit 2 Ti er from the Unit 3 Ti er from the Unit 3 Ti of the Cesium Adsorp of the 2nd Cesium Adsorp	No Change -900m <sup>3</sup> -300m <sup>3</sup> No Change onducted during i pactor Building to trbine Building to trbine Building to trbine Building to trbine Apparatus he Unit 1 Turbine Diton Apparatus he Storption Apparat Zesium Adsorptio i nicreased as op waste liquid dec	T.P. 1,260 (O.P. 2,717) T.P. 1,305 (O.P. 2,757) T.P. 1,436 (O.P. 2,873) T.P. 1,491 (O.P. 2,930) the High Temperatur d the Radioactive W Building to the Unit 1 as been conducted; us has been conducted Apparatus have be erations of new stora	re Incinerator B e Incinerator B aste Treatment I Radioactive V the availability f ted; the availab en resumed. ige tanks start. g the operation:	Process Main Building High Temperature Incinerator Building Total Total revious announcement data) to uilding was conducted wheneve liding was conducted wheneve Facility to the High Temperatur Vaste Treatment Facility was co factor has been 12% (previous) lifty factor has been 58% (previ	Volume Approx. 8,000m <sup>3</sup> Approx. 3,790m <sup>3</sup> Approx. 11,790m <sup>3</sup> July 21, 2016] er necessary, r necessary, r necessary, e lncinerator Buil ducted. r simulated: 10% pusly simulated: 1	-840m <sup>3</sup> +920m <sup>3</sup> ding was conduc ). 35%).	T.P.474 (O.P. 1,836) T.P. 888 (O.P. 2,334)	Approx.5,840m 3-7	Approx. 1,571,680m <sup>3 •7</sup>	Sludge Used vessels "1 The figures of the data are treat "2 The figures of the storage votur Freshwater receiving tank (appr Treated water storage tank (appr "3 The figures of the data show the "4 The figures of "Storage capacity the height of so-called "Storage voture" "5 The figure of "Residual water" in somore than the storage voture" 15 The figure of "Residual water" in software in circulated based 15 The figure of the available that "1 Total treated amount of Casiling Breakdown of the camulative fin "9 The data of the water levels in "9 The data of the water levels in the "9 The data of the water levels in the "9 The data of the water levels in the voter levels in the "9 The data of the water levels in the soft	597m <sup>3</sup> 3,232 <sup>*9</sup> da as a reference, becaus e do not include those of on to include those of ox 1000m <sup>3</sup> , Concentral over 1000m <sup>3</sup> , Concentral dae (DS), Strontum operational limits. "do not include those of ale (DS), where waterg datoption appartus an 2nd Cesium adsorption reflecting and adsorption adsorption appartus an Cesium adsorption appartus and Cesium adsorption appart Cesium adsorption appart cesium adsorption and Cesium adsorption appart Cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart Cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium adsorption appart cesium advant cesium appart cesium adsorption	I ast report No Change +11m <sup>3</sup> se water levels during water transit the following volumes that have a where water gauges show 0%: ed waste liquid torage tank (apport the volumes that have accumulated auges show 0%. However, each to sheight of TSS. The and the Au-PS and the facilit of and Cesium adsorption apparatus paratus (370m <sup>3</sup> ) no apparatus (4.870m <sup>3</sup> ) korption apparatus (30.780m <sup>3</sup> ) materials (4.870m <sup>3</sup> ) korption apparatus (30.780m <sup>3</sup> ) materials (4.870m <sup>3</sup> ) korption apparatus (30.780m <sup>3</sup> ) materials (4.870m <sup>3</sup> ) korption apparatus (7.90m <sup>3</sup> ) the disorption apparatus (7.90m <sup>3</sup> )	er are not stable. cccumulated from the rox-100m <sup>3</sup> ), x. 3.000m <sup>3</sup> ), d from the bottom of ank has the capacity the bottom of the ta te residual water of of ties. Is Om <sup>3</sup> )	capacity 700m <sup>3 *3</sup> 6,239 e bottom fthe tanks to that accomodates inks to concentrated	

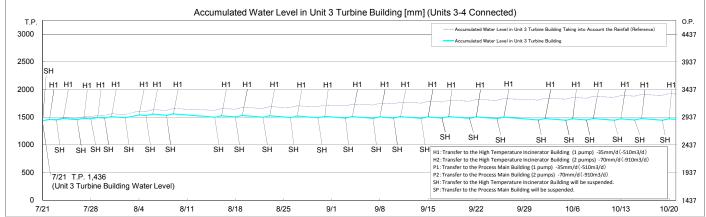
#### Attachment-2

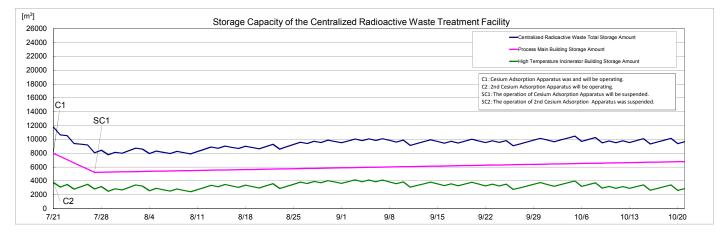
## Storage and treatment of high level radioactive accumulated water (as of July 28, 2016)











000				Storage Ca	pacity and V	olume of the	e Concentra	ted Saltwate	eriank				
<i>li</i>	7/21 The o	nuclide Remo perations of t perations of t	he Evaporat	ion Concent	ration Appar	atus are su	spended.		Tank Capacity (L Concentrated Sal Treated Water (Cr "Concentrated Water (Cr	twater Storage Amoun	) Receiving Tank Store	age Amount (Left Scale	)
	•The residual water of concentrated saltwater which is left at the bottoms of the storage tanks has been being treated.												
							1		1			1	1

The amount of water treated through the 2nd Cesium Adsorption Apparatus is estimated to be 780m<sup>3</sup>/d (Subject to change depending on the factors such as the levels of water accumulated in T/Bs.) - "Accumulated Water Levels in Unit 2 and 3 T/Bs" are simulated water levels in consideration of the change of the water levels caused by recent rainfall, inflow of groundwater, etc. in the surrounding areas of the Fukushima Daiichi Nuclear Power Station.

- Accumulated Water Levels in Unit 2 and 3 TJBs Taking into Account the Rainfall" are simulated water levels which are calculated by adding to the accumulated water amounts which are assumed to increase at the rate of 5mm a day when the surrounding areas of the Fukushima Daiichi Nuclear Power Station have the rainfall equal to the average amount of rain which fell for three months from August to October in 2008 to 2010.