Basic				Unit 1	Unit 2	l Init 2		Notes	
	;	Tv	pe of plant	BWR-3	BWR-4	Unit 3 BWR-4	Unit 4 BWR-4	11000	
Ullila	ion	Electric / T	hermal power output	460/1380	784/2381	784/2381	784/2381		
nt sta	atus		ration status	In service -> Shutdown	In service -> Shutdown	In service -> Shutdown	Outage 0		
en hit			uels loaded in the reactor uels stored in the SFP	400 292	548 587	548 514	0 1331		
the	aka		al power supply		I	to the earthquake	1001		
rthqu	ane		ncy power supply			er was lost but stopped later when t	~		
	S		nd fuel integrity	Damaged (core melt*1)	Damaged (core melt*1)	Damaged (core melt*1)	No fuels loaded		
ooling	Status		ructural integrity	Limited damage and leakage	Unknown	Unknown	No damage		
			ructural integrity ore cooling	Damage and leakage suspected Not functional	Damage and leakage suspected Not functional	Damage and leakage suspected Not functional	No damage Not required		
	(Stable cooling (circulating injection			——————————————————————————————————————		
			inimum injection rate	Injecting freshwater into the reactor	Injecting freshwater into the reactor	Injecting freshwater into the reactor	_	Total injection flow: 20.7-20.8m3/h[6/16 05:00	
			blishment of	via feed water line at <u>4.5</u> m3/h	via feed water line at <u>5.0</u> m3/h Work for injection line in progress	via feed water line at 11.2-11.3m3/h Work for injection line in progress			
	ures	circulating injection cooling		Work for injection line in progress	[4/9-]	[4/16-]	_		
	ası	Nitrogen ga	s injection into PCV	Injection continued [4/6-]	Work for injection line in progress [4/16-]	Work for injection line in progress	_		
å	Ë	Flooding of PCV after sealing leaks		Studying	Studying	Studying	_		
			at exchange function	Work for secondary-loop piping	Construction work to be started after	Construction work to be started after	_		
	ø.	Improving work environment		in progress (5/13-)	improving the work environment	improving the work environment cor cooling. Preparation work such			
	Challenge			as removing radioactive debris, ra			_		
				running air-filtering equipment at	the Unit2 R/B to remove airborne	e radioactive materials.[6/11]			
SFP cooling	Status			Unknown			No severe damage suspected*2	2	
	St	S S S S S S S S S S S S S S S S S S S	FP cooling (April through June)	Not functional Stable cooling	Not functional	Not functional	Not functional		
					Switching from freshwater injection		Injecting freshwater via alternative	Injecting corrosion inhibito	
	res		ty improvement ction operation	Injecting freshwater via SFP coolant clean up line	via SFP coolant clean up line to	Injecting freshwater via SFP coolant clean up line	injection line. Preparing system for	hydrazine (H2NNH2), with	
	Status measur	iii iiije	Cuon operation	via of the coolaire clear up line	circulation cooling	·	cooling in a stable manner	freshwater [5/9-]	
		Circulation	on cooling with Hx	Planned	In operation	Planned (Construction to be	Planned		
						started in late June)			
		Increase and accumulation of radioactively contaminated water		High level radioactive wastewater	is accumulating in the R/B, T/B	and RW/B of each unit. (about 92,00	00m3 [5/31])		
		ioal of STEP 1 (April through June)		-Storage tanks to receive processed, low to middle level radioactive wastewater with the capacity of approx. 13,000m3 installed (-5/31). Additional capacity to be installed at 20,000m3/month from the end of June. -Unit 2: Concrete tunnel => PMB (4/19-5/26, approx. 9,600m3, Transfer suspended and then resumed after revising the storage limit level of the building [6/4-6/16])					
Accumulated water		Caron Cital i (April ullough dune)							
		Securing storage place Transfer of radioactive waste water						PMB: Process Main Buil MWRTB: Miscellaneous Waste Volume Reduction Treatment Building	
	S								
	asures								
	leas	Installation of water process facility		-Unit 3: T/B => MWRTB ($5/17-5/25$, approx. 3,700m3), T/B => Unit 3 main steam condenser [$6/5-6/9$], T/B => PMB [$6/11-6/16$]					
	Ε			-Water treatment system for recycling water was installed. Test-run started on June 14th, aiming for starting operation on June 17.					
				(capacity:1,200m3/day)					
				-Desalination of processed radioactive water to be installed (capacity: 480m3/day in the late June, then increased step by step) to reuse the water for reactor injection.					
				-Silt fences installedSeawater circulatory purification system goes into full-scale operation. [6/13]					
		etc.		-Blocking the concrete tunnels outside the T/Bs completed [6/10]					
	Preventing overflow of high leve radioactive waste water			The risk of leakage of the high level radioactive wastewater accumulating in the Unit 2 and 3 T/Bs and concrete tunnels is increasing as the water level in the receiving facility was getting close to its storage limit. It has been decided to use Unit 2 and 3 main steam condensers as a receiving tank while revising the storage limit of the PMB.					
	~	Tadioac		Condensers as a receiving tank w	rille revising the storage littlit of th				
			(April through June)	Storing and processing low level r	radio active wastewater	IE FIND.			
		Goal of STEP 1		Storing and processing low level r 2.200tons of tanks installed. App			000 tons of receiving capacity to		
		Goal of STEP 1 Increasing	g storage capacity	2,200tons of tanks installed. App be secured by the end of June.	rox. 16,000tons of tanks to be ins	talled by the beginning of June. 12,0			
o- er	meası	Goal of STEP 1 Increasing	g storage capacity	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium,	rox. 16,000tons of tanks to be ins Cs-134, 137, and Sr-89, 90 were	talled by the beginning of June. 12,0			
rgro- water	Statumeası	Increasing Radioactive n	g storage capacity naterials in the ground water	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the	rox. 16,000tons of tanks to be ins Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiich	talled by the beginning of June. 12,0 detected from the subdrain, undergoni site. [4/7-]			
ndergro- nd water	Statumeası	Increasing Radioactive n Goal of STEP	g storage capacity naterials in the ground water 1 (April through June)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr	rox. 16,000tons of tanks to be instantial Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiich ound water from spreading to the	talled by the beginning of June. 12,0 detected from the subdrain, undergoni site. [4/7-] sea	round water collected and		
Undergro- und water	ur Statumeası	Increasing Radioactive n Goal of STEP	g storage capacity naterials in the ground water 1 (April through June)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr	rox. 16,000tons of tanks to be instantial Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiich ound water from spreading to the	talled by the beginning of June. 12,0 detected from the subdrain, undergoni site. [4/7-]	round water collected and		
Underg und wa	measur Statumeası	Radioactive n Goal of STEP 1 Radioactive n Goal of STEP Mitigation of gro Scattering of	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi	rox. 16,000tons of tanks to be instant. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiich ound water from spreading to the iddle of June]. Planning subdrain response	talled by the beginning of June. 12,0 detected from the subdrain, undergoni site. [4/7-] sea	round water collected and ced storing and processing plan.	Survey map on the site:	
in the Underg	measur Statumeası	Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr. Restoring subdrain pumps [the mi Radioactive materials and radioactive materials]	rox. 16,000tons of tanks to be instruction. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiiclound water from spreading to the iddle of June]. Planning subdrain retively contaminated debris scatte	talled by the beginning of June. 12,0 detected from the subdrain, undergoniste. [4/7-] sea management according to the enhance of the due to the hydrogen explosion a	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other		
in the Underg	Status measur Statumeas	Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	rox. 16,000tons of tanks to be instruction. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain retively contaminated debris scatte	talled by the beginning of June. 12,0 detected from the subdrain, undergoni site. [4/7-] sea nanagement according to the enhance red due to the hydrogen explosion a Severely damaged	round water collected and ced storing and processing plan.	http://www.tepco.co.jp/en/nu/f	
in the Underg	Status measur Statumeas	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gree Scattering of to the outs R/Goal of STEP 1	g storage capacity naterials in the ground water 1 (April through June) cundwater contamination radioactive materials side of the facilities (B integrity (April through June)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergranges are subdrain pumps [the minimal of the contamination of the contam	rox. 16,000tons of tanks to be instruction. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain retively contaminated debris scatted. Partly opened ve materials in the facilities and the instruction.	talled by the beginning of June. 12,0 detected from the subdrain, undergoniste. [4/7-] sea nanagement according to the enhance red due to the hydrogen explosion a Severely damaged he site	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged	http://www.tepco.co.jp/en/nu/	
materials in the Underg	Status measur Statumeasi	Radioactive n Goal of STEP 1 Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs Ro Goal of STEP 1 Disper:	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive to the outside of build Dispersion to the outside of build	rox. 16,000tons of tanks to be instruction. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatte Partly opened ve materials in the facilities and things in progress [full operation from the standard of the second of t	detected from the subdrain, undergoniste. [4/7-] sea management according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26-] Dispersion to the R/Bs a	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged	http://www.tepco.co.jp/en/nu/	
materials in the Underg	Status measur Statumeasi	Radioactive n Goal of STEP 1 Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs Ro Goal of STEP 1 Disper:	g storage capacity naterials in the ground water 1 (April through June) cundwater contamination radioactive materials side of the facilities (B integrity (April through June)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive materials and radioactive sevents. Severely damaged Preventing scattering of radioacti Dispersion to the outside of build Removal of debris using remote-of-	rox. 16,000tons of tanks to be instruction. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatte Partly opened ve materials in the facilities and things in progress [full operation from the standard of the second of t	detected from the subdrain, undergoniste. [4/7-] sea management according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26-] Dispersion to the R/Bs a	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged	http://www.tepco.co.jp/en/nu/	
materials in the Underg	Status measur Statumeasi	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gro to the outs RAGOAL of STEP 1 Dispersion	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor pval of debris	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergranger Restoring subdrain pumps [the minimal of the result of the preventing scattering of radioactive materials and radioactive material	rox. 16,000tons of tanks to be instruction. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatte Partly opened ve materials in the facilities and things in progress [full operation from the standard of the second of t	talled by the beginning of June. 12,0 detected from the subdrain, undergonistic. [4/7-] sea management according to the enhance of the hydrogen explosion a Severely damaged of the site of the site of the management according to the R/Bs areas [4/10-]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–]	http://www.tepco.co.jp/en/nu/	
materials in the Underg	measures Status measur Statumeası	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gree Scattering of to the outs RAGOAL of STEP 1 Disper: Rem. Install	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive materials and radioactive sevents. Severely damaged Preventing scattering of radioacti Dispersion to the outside of build Removal of debris using remote-of-	rox. 16,000tons of tanks to be instruction. Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatte Partly opened ve materials in the facilities and things in progress [full operation from the standard of the second of t	detected from the subdrain, undergoniste. [4/7-] sea management according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26-] Dispersion to the R/Bs a	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged	http://www.tepco.co.jp/en/nu/	
Radioactive materials in the Underg	measures Status measur Statumeası	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gree Scattering of to the outs RAGOAL of STEP 1 Disper: Rem. Install	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor pval of debris	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progress against aftershocks, etc.	detected from the subdrain, undergoniste. [4/7-] sea management according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26-] Dispersion to the R/Bs a ess [4/10-] Designing	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning	http://www.tepco.co.jp/en/nu/	
Radioactive materials in the Underg	measures Status measur Statumeası	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of ground in the outs R/Goal of STEP 1 Dispersion Reministral Goal of STEP 1	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive motion to the outside of build Removal of debris using remote-corresponding to the cover to be started an 6.797. Enhancement of countermeasures —Transferring emergency power s	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progress against aftershocks, etc.	detected from the subdrain, undergoniste. [4/7-] sea management according to the enhance of the site o	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15]	http://www.tepco.co.jp/en/nu/	
Radioactive materials in the Underg	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro to the outs Ry Goal of STEP 1 Disper: Rem Install Goal of STEP 1 Countermeas	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progress against aftershocks, etc. ources to the upland [4/15] -Adoland [-4/18] -Planning to install	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance of the site m 4/26–] Dispersion to the R/Bs areas [4/10–] Designing dition of redundant water injection lift a temporary tide barriers [by the enfance of the site of t	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15]	http://www.tepco.co.jp/en/nu/	
Radioactive materials in the Underg atmosphere / soil und wa	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro to the outs RA Goal of STEP 1 Disper: Rem Install Goal of STEP 1 Countermeas	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from the ings in prog	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance of the site m 4/26–] Dispersion to the R/Bs areas [4/10–] Designing dition of redundant water injection lift a temporary tide barriers [by the enfance of the site of t	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/	
Radioactive materials in the Underg	measures Status measur Statumeası	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gro to the outs RAGOAL of STEP 1 Disper: Rem Install Goal of STEP 1 Countermeas Planning an reinforceme	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance of the unit of the site m 4/26–] Dispersion to the R/Bs areas [4/10–] Designing dition of redundant water injection lift a temporary tide barriers [by the enfort the Unit 4 SFP started. [6/7]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/	
Radioactive materials in the Underg atmosphere / soil und wa	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro to the outs Roal of STEP 1 Dispers Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres. s against aftershocks, etc. ources to the upland [4/15] —Adelband [-4/18] —Planning to install ring structure under the bottom and evaluation for each unit in profice set [5/17] A:-1500, B:-2100	talled by the beginning of June. 12,0 detected from the subdrain, undergonistic. [4/7–] sea management according to the enhance of the unit of the enhance of the Unit 4 SFP started. [6/7] according to the enhance of the Unit 4 SFP started. [6/7] A:—1850, B:—2250	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html	
Radioactive materials in the Underg atmosphere / soil und wa	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Goal of STEP Mitigation of gro to the outs R/ Goal of STEP 1 Dispers Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6]	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00]	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progress.] s against aftershocks, etc. ources to the upland [4/15] —Adoland [-4/18] —Planning to install ring structure under the bottom and evaluation for each unit in profice set [5/17] A:-1500, B:-2100 Reading mostly steady	detected from the subdrain, undergoniste. [4/7–] sea management according to the enhance of the unit of the site m 4/26–] Dispersion to the R/Bs areass [4/10–] Designing dition of redundant water injection lift a temporary tide barriers [by the enfort the Unit 4 SFP started. [6/7] orgress. Seismic safety confirmed for R-1850, B:-2250 Reading mostly steady	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html A, B shows the grothe redundant instruments	
reinforcement, Radioactive materials in the Underg	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs RA Goal of STEP 1 Disper: Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor Reactor Reactor	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from the ings in prog	talled by the beginning of June. 12,0 detected from the subdrain, undergonistic. [4/7–] sea management according to the enhance of the unit of the enhance of the Unit 4 SFP started. [6/7] according to the enhance of the Unit 4 SFP started. [6/7] A:—1850, B:—2250	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grothe redundant instruments. Reactor water level shothe length of the fuel not	
reinforcement, Radioactive materials in the Underg	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs RA Goal of STEP 1 Disper: Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres. s against aftershocks, etc. ources to the upland [4/15] —Adoland [-4/18] —Planning to install ring structure under the bottom and evaluation for each unit in profice set [5/17] A:-1500, B:-2100 Reading mostly steady A:-0.011, B:-0.000	detected from the subdrain, undergoniste. [4/7–] sea management according to the enhance of the unit 4 SFP started. [6/7] rogress. Seismic safety confirmed for Reading mostly steady A: -0.140, B: -0.106	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html A, B shows the grothe redundant instrument: Reactor water level shothe length of the fuel not covered with water	
Radioactive materials in the Underg atmosphere / soil und wa	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs RA Goal of STEP 1 Disper: Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C)	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00]	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive memoral progress [5/13-1]. Installation work in progress [5/13-1]. Installation work in progress [5/13-1]. Installation work of the cover to be started an 6/27. Enhancement of countermeasure: -Transferring emergency powers setting fire trucks etc. to the up-Carry-in and setup of the supposoundness of structure analysis. Pipe work completed, pumping ve. A: Below the lower end of gauge, B:-1600, Reading mostly steady** A: 0.027, B:-, Measured with temporary pressure indicator [6/4-]. 113.8 Reading mostly steady**	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergoniste. [4/7–] sea management according to the enhance of the unit 4 SFP started. [6/7] rogress. Seismic safety confirmed for Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending**	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html "A", "B" shows the grothe redundant instruments Reactor water level shothe length of the fuel not covered with water Trend data of primary parameters are available a	
reinforcement, Radioactive materials in the Underg	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs RAGOAL of STEP 1 Disper: Rem: Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV tempe	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle ing (6/16 05:00] rature at the bottom	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain notively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the Unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started. [6/7] seafity according to the enhance of the unit 4 SFP started in the unit	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html "A", "B" shows the grother redundant instruments. Reactor water level shother length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology.	
reinforcement, Radioactive materials in the Underg	measures Status measur Statumeası	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Disper: Rem: Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV temperat of the ves	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00]	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive memoral progress [5/13-1]. Installation work in progress [5/13-1]. Installation work in progress [5/13-1]. Installation work of the cover to be started an 6/27. Enhancement of countermeasure: -Transferring emergency powers setting fire trucks etc. to the up-Carry-in and setup of the supposoundness of structure analysis. Pipe work completed, pumping ve. A: Below the lower end of gauge, B:-1600, Reading mostly steady** A: 0.027, B:-, Measured with temporary pressure indicator [6/4-]. 113.8 Reading mostly steady**	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergoniste. [4/7–] sea management according to the enhance of the unit 4 SFP started. [6/7] rogress. Seismic safety confirmed for Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending**	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html "A", "B" shows the grother redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page;	
Surfamil, Radioactive materials in the Undergood Control	measures Status measures Status	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various in Reactor [6] RPV temperat (°C)	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ord drywell (MPa) /16 05:00] of drywell (MPa) /16 05:00]	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain notively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 151.5 Upward trend ending Q.1013 Reading mostly steady A:-0.1013 Reading mostly steady Output Designing 12,0 Reading mostly steady 151.5 Upward trend ending Q.1013 Reading mostly steady	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother the redundant instrument: Reactor water level shothe length of the fuel not covered with water Trend data of primary parameters are available a Japan Nuclear Technolog. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html".	
Prinforcement, Radioactive materials in the Undergood	measures Status measures Status	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various in Reactor [6] RPV temperat (°C) RPV temperat of the ves Pressure [6] Pressure of step 1	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle (6/16 05:00] rature at the bottom sel (°C)[6/16 05:00] of drywell (MPa)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain notively contaminated debris scatter. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26–] Dispersion to the R/Bs a ress [4/10–] Designing dition of redundant water injection lies a temporary tide barriers [by the enforthe Unit 4 SFP started. [6/7] rogress. Seismic safety confirmed for A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending** 151.5 Upward trend ending 0.1013 Reading mostly steady 0.1848	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html".	
Surianii, Radioactive materials in the Undergood	measures Status measures Status	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gree Scattering of to the outs R/Goal of STEP 1 Dispers Rems Install Goal of STEP 1 Countermeas Planning an reinforceme Various in Reactor [6] RPV temperat (°C)	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] ure at feedwater nozzle [6/16 05:00] rature at the bottom sel (°C)[6/16 05:00] of drywell (MPa) /16 05:00] uppression pool (MPa)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain nutively contaminated debris scatted. Partly opened ve materials in the facilities and things in progress [full operation from controlled heavy machine in progres. sagainst aftershocks, etc. ources to the upland [4/15] —Adialad [-4/18] —Planning to install ring structure under the bottom and evaluation for each unit in profice set [5/17] A:=1500, B:=2100 Reading mostly steady A:=0.011, B:=0.000 Reading mostly steady** 108.2 Reading mostly steady 106.6 Instrument failure 0.015 Decreasing Below the lower end of gauge	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 151.5 Upward trend ending Q.1013 Reading mostly steady A:-0.1013 Reading mostly steady Output Designing 12,0 Reading mostly steady 151.5 Upward trend ending Q.1013 Reading mostly steady	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html A, B shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
reinforcement, Radioactive materials in the Undergo	measures Status measures Status	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gree Scattering of to the outs R/Goal of STEP 1 Dispers Rems Install Goal of STEP 1 Countermeas Planning an reinforceme Various in Reactor [6] RPV temperat (°C)	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] ure at feedwater nozzle [6/16 05:00] rature at the bottom sel (°C)[6/16 05:00] of drywell (MPa) /16 05:00] uppression pool (MPa) /16 05:00]	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain notively contaminated debris scatted. Partly opened ve materials in the facilities and things in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance of the unit of the enhance of the site of the unit of the un	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28] — — — — — — — — — — — — — — —	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html A, B shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Radioactive materials in the Underg	© Company of the second of the	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs Ry Goal of STEP 1 Disper: Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C; RPV tempe of the ves Pressure [6] Pressure of si Water tei	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities (B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle is [6/16 05:00] rature at the bottom sel (°C)[6/16 05:00] of drywell (MPa) /16 05:00] ppression pool (MPa) /16 05:00] ppression pool (MPa) /16 05:00] mperature of SFP	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive moves [13]. Installation work of the cover to be steried and R/21. Enhancement of countermeasure: -Transferring emergency power substance of structure analysis. Pipe work completed, pumping versund materials and radioactive materials. Pipe work completed, pumping versund materials. Pipe work completed, pumping versund materials. Pipe work completed, pumping versund materials. Pipe work completed with temporary pressure indicator [6/4–] 113.8 Reading mostly steady** 98.1 Reading mostly steady 0.113.7 Reading mostly steady 1.115 Reading mostly steady Instrument failure	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain notively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres. s against aftershocks, etc. ources to the upland [4/15] -Addiand [-4/18] -Planning to install ring structure under the bottom and evaluation for each unit in profice set [5/17] A:-1500, B:-2100 Reading mostly steady A:-0.011, B:-0.000 Reading mostly steady** 108.2 Reading mostly steady** 108.2 Reading mostly steady 106.6 Instrument failure 0.015 Decreasing Below the lower end of gauge Instrument failure 31°C [6/16 05:00]	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28] ———————————————————————————————————	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html A, B'shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Radioactive materials in the Underg	© Company of the second of the	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various in Reactor [6] RPV temperat (°C)	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] rature at the bottom sel (°C)[6/16 05:00] of drywell (MPa) /16 05:00] uppression pool (MPa) /16 05:00] mperature of SFP Volume*3	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain notively contaminated debris scatter. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] sea of the Unit 4 SFP started. [6/7] seading mostly steady A:-0.140, B:-0.106 Reading mostly steady A:-0.164 Upward trend ending 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html A, B'shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Radioactive materials in the Undergonal Amosphere / soil und wa	water o Status measures Status measure Statumeasing	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of grad Scattering of to the outs R/Goal of STEP 1 Dispers Rem Install Goal of STEP 1 Countermeas Planning an reinforceme Various in Reactor [6] RPV temperat (°C)	g storage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ure at feedwater nozzle [6/16 05:00] of drywell (MPa) /16 05:00] uppression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 Volume*3 Radioactivity*3	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr. Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive materials and radioactive materials and radioactive. Severely damaged Preventing scattering of radioactive devents. Severely damaged Preventing scattering of radioactive devents. Severely damaged Preventing scattering of radioactive devents. Installation work in progress [5/13-1] Installation work of the cover to be started an 6/27 Enhancement of countermeasure: -Transferring emergency powers setting fire trucks etc. to the up-Carry-in and setup of the supporting setting fire trucks etc. to the up-Carry-in and setup of the supporting work completed, pumping versoundness of structure analysis Pipe work completed, pumping versoundness of structure and gauge, B:-1600, Reading mostly steady A:0027, B:-, Measured with temporary pressure indicator [6/4-] 113.8 Reading mostly steady 0.1337 Reading mostly steady 0.115 Reading mostly steady Instrument failure 3,900m3[5/31] 4.0E+5Bq/cm3 8,400m3[5/31] 4.0E+5Bq/cm3	Cs-134, 137, and Sr-89, 90 were well water in the Fukushima Daiicle ound water from spreading to the iddle of June]. Planning subdrain notively contaminated debris scatted. Partly opened ve materials in the facilities and the ings in progress [full operation from controlled heavy machine in progres.	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] sea of the Unit 4 SFP started. [6/7] seading mostly steady A:-0.140, B:-0.106 Reading mostly steady 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html A, B'shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Suhami, Radioactive materials in the Undergou	water o Status measures Status measure Statumeasing	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of growth of the outstand of the outstand of the outstand of STEP 1 Dispersion Remarks Remarks Remarks Reactor Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal Resource	astorage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ure at feedwater nozzle [6/16 05:00] of drywell (MPa) /16 05:00] uppression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	rox. 16,000tons of tanks to be instructively contaminated debris scatted and the folial progress of the progre	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending** 151.5 Upward trend ending 0.1013 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending 0.1013 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22])	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html A, B'shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Surfami, Radioactive materials in the Undergoundergo	water o Status measures Status measure Statumeasing	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of growth of the outstand of the outstand of the outstand of STEP 1 Dispersion Remarks Remarks Remarks Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Pressure Fressure Goal Repv temperat (°C') Repv temperat (°C') Ressure of standard Remarks Repressure Goal Results Remarks	astorage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ure at feedwater nozzle [6/16 05:00] of drywell (MPa) /16 05:00] uppression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface) Volume*3	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	rox. 16,000tons of tanks to be instructively contaminated debris scatted and the folder of June]. Planning subdrain notively contaminated debris scatted are represented by the folder of June]. Planning subdrain notively contaminated debris scatted are represented by the folder of June]. Planning subdrain notively contaminated debris scatted are represented by the folder of June]. Planning subdrain notively contaminated debris scatted are represented by the folder of June]. Planning subdrain notice and the folder of June and the folder of June 1 and the folder of June 2 and the folder of Ju	detected from the subdrain, undergonistic. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] orgress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] orgress. Seismic safety confirmed for Reading mostly steady A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady 146.4 Upward trend ending 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22]) 2,300m3[5/31]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html A, B'shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Radioactive materials in the Undergonal Amosphere / soil und wa	water o Status measures Status measure Statumeasing	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of growth of the outstand of the outstand of the outstand of STEP 1 Dispersion Remarks Remarks Remarks Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Countermeast Reactor Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Represent Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Represent Goal of STEP 1 Represent Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Represent Goal of STEP 1 Represe	astorage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ure at feedwater nozzle [6/16 05:00] of drywell (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface) Volume*3 Radioactivity*3 Radioactivity*3 Radioactivity*3 Radioactivity*3 Radioactivity*3	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	rox. 16,000tons of tanks to be instructively contaminated debris scatted and the full progress of the progress	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending** 151.5 Upward trend ending 0.1013 Reading mostly steady 146.4 Upward trend ending 0.1013 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22]) 2,300m3[5/31] 3.8E+5Bq/cm3	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/tma-np/f1/index3-e.html A, B'shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Radioactive materials in the Underg	water o Status measures Status measure Statumeasing	Goal of STEP 1 Increasing Radioactive in Goal of STEP Mitigation of growth of the outstand of the outstand of the outstand of STEP 1 Dispersion Remarks Remarks Remarks Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Countermeast Planning and reinforceme Various in Reactor Goal of STEP 1 Pressure Fressure Goal Repv temperat (°C') Repv temperat (°C') Ressure of standard Remarks Repressure Goal Results Remarks	astorage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] ressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ure at feedwater nozzle [6/16 05:00] of drywell (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 Volume*3	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials an	rox. 16,000tons of tanks to be instructively contaminated debris scatted and the full progress of the progress	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26–] Dispersion to the R/Bs a ress [4/10–] Designing dition of redundant water injection lies a temporary tide barriers [by the enfort the Unit 4 SFP started. [6/7] rogress. Seismic safety confirmed for A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending** 151.5 Upward trend ending 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22]) 2,300m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html A, B shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Surfami, Radioactive materials in the Undergoundergo	water o Status measures Status measure Statumeasing	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Disper: Rem: Install Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV tempe of the ves Pressure Fressure Fressure R/B basement RW/B basement Concrete tunnel outside of T/B	astorage capacity materials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] pressure at the bottom sel (°C)[6/16 05:00] of drywell (MPa) /16 05:00] prepression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface) Volume*3 Radioactivity*3 (Dose at water surface) Radioactivity*3 (Dose at water surface) Radioactivity*3 (Dose at water surface)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive materials and radioactive materials and radioactive. Severely damaged Preventing scattering of radioacti Dispersion to the outside of build Removal of debris using remote-of Preparation work in progress [5/13-1] Installation work of the cover to be started an 6/27 Enhancement of countermeasure: -Transferring emergency powers -Setting fire trucks etc. to the up-Carry-in and setup of the supposoundness of structure analysis Pipe work completed, pumping ve A:Below the lower end of gauge, B:-1600, Reading mostly steady A:0.027, B:-, Measured with temporary pressure indicator [6/4-] 113.8 Reading mostly steady with temporary pressure indicator [6/4-] 113.8 Reading mostly steady 0.1337 Reading mostly steady 0.115 Reading mostly steady Instrument failure 3,900m3[5/31] 4.0E+5Bq/cm3 (60mSv/h[4/28]) 1,100m3[5/31] 4.0E+5Bq/cm3 (60mSv/h[4/28]) 1,100m3[5/31] 4.0E+5Bq/cm3 (2,800m3[5/31] 6.9Bq/cm3 (0,4mSv/h[3/27])	rox. 16,000tons of tanks to be instructively contaminated debris scatted and the full progress of the progress	detected from the subdrain, undergous isite. [4/7–] sea nanagement according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26–] Dispersion to the R/Bs a ress [4/10–] Designing dition of redundant water injection ling a temporary tide barriers [by the enfort the Unit 4 SFP started. [6/7] rogress. Seismic safety confirmed for Reading mostly steady A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending** 151.5 Upward trend ending 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22]) 2,300m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged Ind T/Bs [5/27–] Planning Planning The [-4/15] Ind of June] Punit 1 and 4 [5/28] The color of the	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html A, B shows the grother the redundant instruments. Reactor water level shothe length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring	
Suhami, Radioactive materials in the Undergou	water o Status measures Status measure Statumeasing	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Disper: Rem: Install Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV tempe of the ves Pressure Fressure Fressure R/B basement RW/B basement Concrete tunnel outside of T/B	astorage capacity naterials in the ground water 1 (April through June) coundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor coval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ure at feedwater nozzle [6/16 05:00] pression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface) Volume*3 Radioactivity*3	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr. Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive materials and radioactive materials and radioactive. Severely damaged Preventing scattering of radioactive devents. Installation work in progress [5/13-1] Enhancement of countermeasure: -Transferring emergency power sesting fire trucks etc. to the up-Carry-in and setup of the supporting set of the supporting devents of structure analysis. Pipe work completed, pumping verified and set of set	rox. 16,000tons of tanks to be instructively contaminated debris scatted and the full progress of the progress	detected from the subdrain, undergoniste. [4/7–] sea nanagement according to the enhance red due to the hydrogen explosion at the site may be site may be site. [4/10–] Designing Designing dition of redundant water injection ling a temporary tide barriers [by the enfort the Unit 4 SFP started. [6/7] and steading mostly steady A: 1850, B: 2250 Reading mostly steady A: 0.140, B: 0.106 Reading mostly steady A: 0.140, B: 0.106 Reading mostly steady A: 151.5 Upward trend ending 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22]) 2,300m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother the redundant instruments. Reactor water level shother length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring status	
Surfami, Radioactive materials in the Undergoundergo	water o Status measures Status measure Statumeasing	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Disper: Rem: Install Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV tempe of the ves Pressure Fressure Fressure R/B basement RW/B basement Concrete tunnel outside of T/B	astorage capacity materials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] pressure at the bottom sel (°C)[6/16 05:00] of drywell (MPa) /16 05:00] prepression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface) Volume*3 Radioactivity*3 (Dose at water surface) Radioactivity*3 (Dose at water surface) Radioactivity*3 (Dose at water surface)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials a	rox. 16,000tons of tanks to be instructively contaminated debris scatted and the full progress of the progress	detected from the subdrain, undergous isite. [4/7–] sea nanagement according to the enhance red due to the hydrogen explosion a Severely damaged he site m 4/26–] Dispersion to the R/Bs a ress [4/10–] Designing dition of redundant water injection ling a temporary tide barriers [by the enfort the Unit 4 SFP started. [6/7] rogress. Seismic safety confirmed for Reading mostly steady A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending** 151.5 Upward trend ending 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22]) 2,300m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31] 3.8E+5Bq/cm3	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning ne [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother redundant instruments. Reactor water level shother length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring status.	
Suhamii, Radioactive materials in the Undergood Acceptant, Radioactive materials in the Undergood Acceptant, Acceptant, Acceptant, Acceptant, Acceptant Ac	Accumulated water 2 Tov Treature measures Status measures Status measures Status	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rems Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV temperat (°C) RPV tempe of the vessure Pressure of si [6] Pressure of si [6] Water tel R/B basement T/B basement RW/B basement Concrete tunnel outside of T/B To	astorage capacity naterials in the ground water 1 (April through June) condition and individual	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive materials and radioactive materials and radioactive. Severely damaged Preventing scattering of radioacti Dispersion to the outside of build Removal of debris using remote-of Preparation work in progress [5/13-1] Installation work of the cover to be started an 6/27 Enhancement of countermeasure: -Transferring emergency power sesting fire trucks etc. to the up-Carry-in and setup of the supposoundness of structure analysis Pipe work completed, pumping ve A: Below the lower end of gauge, B:-1600, Reading mostly steady A:0.027, B:-, Measured with temporary pressure indicator [6/4-] 113.8 Reading mostly steady A:0.027, B:-, Measured with temporary pressure indicator [6/4-] 113.8 Reading mostly steady 0.113.7 Reading mostly steady Instrument failure 3,900m3[5/31] 4.0E+5Bq/cm3 (60mSv/h[4/28]) 1,100m3[5/31] 4.0E+5Bq/cm3 (60mSv/h[3/27]) 91,800m3 (Approx. 105,00) -Air dose rate: 5-120 \(mu\) Ev/h at the wet gate [6/17 09:00]	rox. 16,000tons of tanks to be instructively contaminated debris scatted by the fidelic of June]. Planning subdrain instructively contaminated debris scatted by the fidelic of June]. Planning subdrain instructively contaminated debris scatted by the fidelic of June]. Planning subdrain instructively contaminated debris scatted by the fidelic of June]. Planning subdrain instructively contaminated debris scatted by the fidelic of June]. Planning subdrain instruction in the facilities and the fidelic of June in the facilities and the facilities	detected from the subdrain, undergous site. [4/7–] sea nanagement according to the enhance of due to the hydrogen explosion and severely damaged the site of the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged Ind T/Bs [5/27–] Planning Planning The [-4/15] Ind of June] Planning The unit 1 and 4 [5/28] The collected and Planning Planning The unit 1 and 4 [5/28] The collected and Planning Planning The unit 1 and 4 [5/28] The unit	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html A, B shows the grother the redundant instruments. Reactor water level shother length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring status.	
Sulfamily Radioactive materials in the Undergo	Accumulated water 2 Tov Treature measures Status measures Status measures Status	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rems Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV temperat (°C) RPV tempe of the vessure Pressure of si [6] Pressure of si [6] Water tel R/B basement T/B basement RW/B basement Concrete tunnel outside of T/B To	astorage capacity materials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] pressure at the bottom sel (°C)[6/16 05:00] of drywell (MPa) /16 05:00] prepression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface) Volume*3 Radioactivity*3 (Dose at water surface) Radioactivity*3 (Dose at water surface) Radioactivity*3 (Dose at water surface)	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr. Restoring subdrain pumps [the mi Radioactive materials and radioactive materials and radioactive materials and radioactive materials and radioactive. Severely damaged Preventing scattering of radioaction Dispersion to the outside of build Removal of debris using remoteror Preparation work in progress [5/13-1] Installation work of the cover to be started as 6/27 Enhancement of countermeasure: -Transferring emergency power size ting fire trucks etc. to the up-Carry-in and setup of the supposoundness of structure analysis Pipe work completed, pumping ve A:Below the lower end of gauge, B:-1600. Reading mostly steady A:0.027, B:-, Measured with temporary pressure indicator [6/4-] 113.8 Reading mostly steady A:0.027, B:-, Measured with temporary pressure indicator [6/4-] 113.8 Reading mostly steady 0.113.7 Reading mostly steady Instrument failure 3,900m3[5/31] 4.0E+5Bq/cm3 6.0msv/h[4/28]) 1,100m3[5/31] 4.0E+5Bq/cm3 2,800m3[5/31] 6.9Bq/cm3 (0.4msv/h[3/27]) 91,800m3 (Approx. 105,00) -Air dose rate: 5-120 \(mu\) Sv/h at twet gate [6/17 09:00] Some radioactive materials have been defined as a second and so the second and so	rox. 16,000tons of tanks to be instructively contaminated debris scatted by the partial of the p	detected from the subdrain, undergoistie. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending 0.1013 Reading mostly steady 151.5 Upward trend ending 0.1013 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750m5) 1,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning re [-4/15] d of June] or Unit 1 and 4 [5/28] ———————————————————————————————————	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother the redundant instruments. Reactor water level shother length of the fuel not covered with water. Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/ch/shokai/special_4.html". **Continuously monitoring status.	
And the state of t	Accumulated water 2 Tov Treature measures Status measures Status measures Status	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rems Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV temperat (°C) RPV tempe of the vessure Pressure of si [6] Pressure of si [6] Water tel R/B basement T/B basement RW/B basement Concrete tunnel outside of T/B To	astorage capacity naterials in the ground water 1 (April through June) condition and individual	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I=131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials (I. C. Radioactive materials have been defined and for the securior materials and radioactive materials have been defined and radio	rox. 16,000tons of tanks to be instructively contaminated debris scatted by the part of th	detected from the subdrain, undergous site. [4/7–] sea nanagement according to the enhance of due to the hydrogen explosion and severely damaged the site of the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] Togress. Seismic safety	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning re [-4/15] d of June] or Unit 1 and 4 [5/28] ———————————————————————————————————	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother the redundant instruments. Reactor water level shother length of the fuel not covered with water Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring status Air dose rate: http://www.tepco.co.jp/en/rushima-np/f1/index-e.html Air, seawater, underground w soil, etc.: http://www.tepco.co.jp/en/rushima-np/f1/www.tepco.co.	
And the state of t	Accumulated water 2 Tov Treature measures Status measures Status measures Status	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rems Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV temperat (°C) RPV tempe of the vessure Pressure of si [6] Pressure of si [6] Water tel R/B basement T/B basement RW/B basement Concrete tunnel outside of T/B To	astorage capacity naterials in the ground water 1 (April through June) condition and individual	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I-131, cesium, controlled in the facility, and the Preventing contaminated undergr. Restoring subdrain pumps [the mi Radioactive materials and radioactive materials (1, Co. Radioactive materials have been a sampled on 5/16 near the seawart the seawart manufactoring has been sampled on 5/16 near the seawart manufactoring has been sampled on 5/16 ne	rox. 16,000tons of tanks to be instructively contaminated debris scatted by the part of th	detected from the subdrain, undergoistie. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-1850, B:-2250 Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending 0.1013 Reading mostly steady 0.1848 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750mSv/h[3/24,4/22]) 2,300m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning re [-4/15] d of June] or Unit 1 and 4 [5/28] ———————————————————————————————————	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother redundant instruments. Reactor water level shothe length of the fuel not covered with water Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring status Air dose rate: http://www.tepco.co.jp/en/rushima-np/f1/index-e.html Air, seawater, underground w soil, etc.: http://www.tepco.co.jp/en/rushima-np/f1/index2-e.html	
Teinforcement, Radioactive materials in the Undergo	measures Mater Status measures Status measures Status measures Status	Radioactive n Goal of STEP 1 Increasing Radioactive n Goal of STEP Mitigation of gro Scattering of to the outs R/ Goal of STEP 1 Dispers Rems Install Goal of STEP 1 Countermeas Planning an reinforceme Various n Reactor [6] RPV temperat (°C) RPV temperat (°C) RPV tempe of the vessure Pressure of si [6] Pressure of si [6] Water tel R/B basement T/B basement RW/B basement Concrete tunnel outside of T/B To	astorage capacity naterials in the ground water 1 (April through June) pundwater contamination radioactive materials side of the facilities B integrity (April through June) sion of inhibitor oval of debris ing R/B cover (April through June) sures against tsunami d implementation of nt work of each unit radiation shielding water level (mm) /16 05:00] pressure (MPa) /16 05:00] ure at feedwater nozzle [6/16 05:00] ure at feedwater nozzle [6/16 05:00] of drywell (MPa) /16 05:00] uppression pool (MPa) /16 05:00] uppression pool (MPa) /16 05:00] mperature of SFP Volume*3 Radioactivity*3 (Dose at water surface) Volume*3 Radioactivity*3 Radioactivity*3 (Dose at water surface) volume*3 Radioactivity*3 (Dose at water surface) volume vicinity of the station	2,200tons of tanks installed. App be secured by the end of June. Radioactive iodine, I=131, cesium, controlled in the facility, and the Preventing contaminated undergr Restoring subdrain pumps [the mi Radioactive materials and radioactive materials (1, Caradioactive materials (1, Caradioactive materials have been a sampled on 5/16 near the seawart TEPCO is examining 3,726 worker TEPCO is examining 3,7	rox. 16,000tons of tanks to be instructively contaminated debris scatted by the part of th	detected from the subdrain, undergoistie. [4/7–] sea nanagement according to the enhance of the unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for the Unit 4 SFP started. [6/7] ogress. Seismic safety confirmed for Reading mostly steady A:-0.140, B:-0.106 Reading mostly steady** 146.4 Upward trend ending 0.1013 Reading mostly steady 151.5 Upward trend ending 0.1013 Reading mostly steady 62°C (5/8) 6,400m3[5/31] 3.8E+5Bq/cm3 13,600m3[5/31] 3.8E+5Bq/cm3 (120~750m5) 1,800m3[5/31] 3.8E+5Bq/cm3 5,800m3[5/31]	round water collected and ced storing and processing plan. t Unit 1 and 3 R/Bs and other Severely damaged nd T/Bs [5/27–] Planning re [-4/15] d of June] or Unit 1 and 4 [5/28]	http://www.tepco.co.jp/en/nu/ma-np/f1/index3-e.html "A", "B" shows the grother redundant instruments. Reactor water level shothe length of the fuel not covered with water Trend data of primary parameters are available a Japan Nuclear Technology. Institute's Home Page; "http://www.gengikyo.jp/eh/shokai/special_4.html". **Continuously monitoring status Air dose rate: http://www.tepco.co.jp/en/rushima-np/f1/index-e.html Air, seawater, underground w soil, etc.: http://www.tepco.co.jp/en/rushima-np/f1/index2-e.html	

*1 TEPCO's analysis [announced on 5/15,23] *2 TEPCO estimated that there was no severe damage to the fuel in the Unit 4 SFP based on the concentration of radioactive materials in the pool and the pictures of the pool. [4/13,28,29]

*3 Rough estimate by TEPCO [announced on 5/31]

[Source]

Government Nuclear Emergency Response Headquarters: News Release,

Press conference NISA: News Release, Press conference TEPCO: Press Release, Press Conference

[Abbreviations]
SFP: Spent Fuel Storage Pool
EDG: Emergency Diesel Generator RPV: Reactor Pressure Vessel

PCV: Primary Containment Vessel

R/B: Reactor Building
T/B: Turbine Building
RW/B: Radioactive Waste Disposal Building RHR: Residual Heat Removal system

CST: Condensate water Storage Tank

Hx: Heat exchanger NPS: Nuclear power station



