Current Status of Roadmap (issues/targets/major countermeasures) as of May 17

Red colored: newly added to the previous version, Blue colored: modified from the previous version

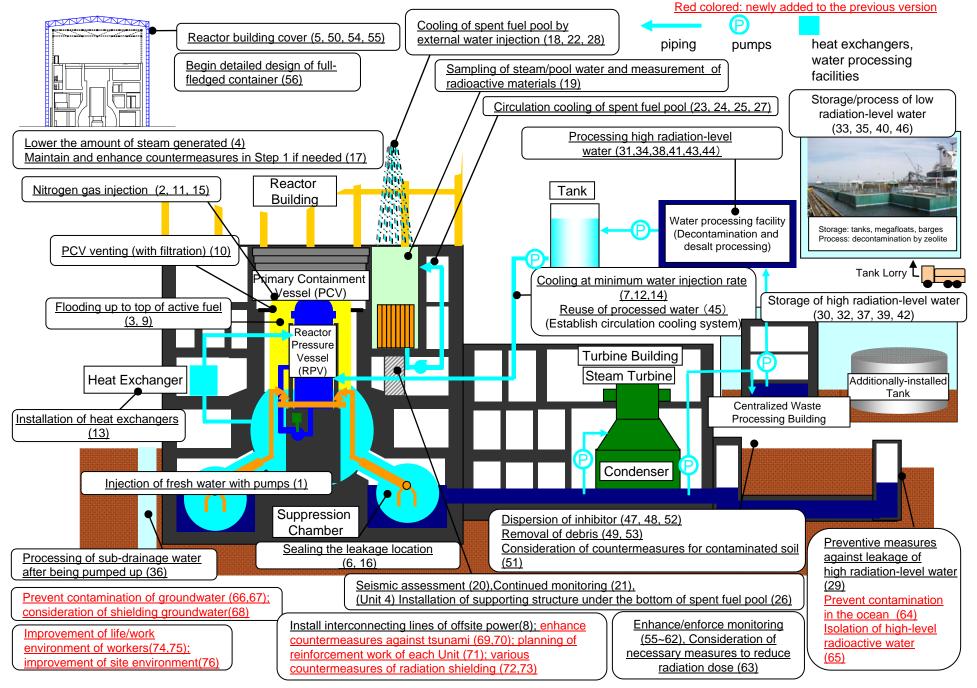
Issues		As of April 17		Step I (around 3 months) current status (as of May 17)		Step II (around 3 to 6 months after achieving Step I)		Mid-term issues
I. C	(¬) Reactor	Fresh water Injection	Cooling by minimum injection rate (injection cooling) Consideration and preparation of reuse of accumulated water Nitrogen gas injection Consideration and implementation of		Stable cooling	Establishment of Circulating Injection Cooing PCV flooding	Cold shutdown	Protection against corrosion cracking of structural materials
Cooling			se	Improvement of work environment	. OG		wn	*to be partially implemented ahead of schedule
	(≈)Spent Fuel Pool	Fresh water injection		Reliability improvement in injection operation /remote-control operation *ahead of schedule Circulation cooling system (installation of heat exchanger) *partially ahead of schedule	Stable cooling	Remote-controlled injection operation Consideration/installation of heat exchanging function	More stable cooling	Removal of fuels
I. 7	(の) Accumulated Water	with level Stori	sferring water high radiation ng water with low tion level	Installation of storage / processing facilities Installation of storage facilities / decontamination processing	Secure storage place	Expansion of storage / processing facilities Decontamination / Desalt processing (reuse), etc Mitigation of contamination in the ocean	Reduction of totall amount of contaminated water	Installation of full-fledged water processing facilities Completion of processing of accumulated water in buildings Mitigation of contamination in the ocean (continued)
Mitigation	(*) Ground water	Mitigation of contamination of groundwater (Sub-drainage management with expansion of storage / processing facilit Consideration of shielding method of groundwater						Solidification of contaminated soil, etc Establishment of groundwater shielding
	(ഗ) Atmosphere Soil			Dispersion of inhibitor				
	ນsphere / ນil			Removal of debris Installing rea	actor b	uilding cover (with ventilation syste	em)	Installation of reactor building cover

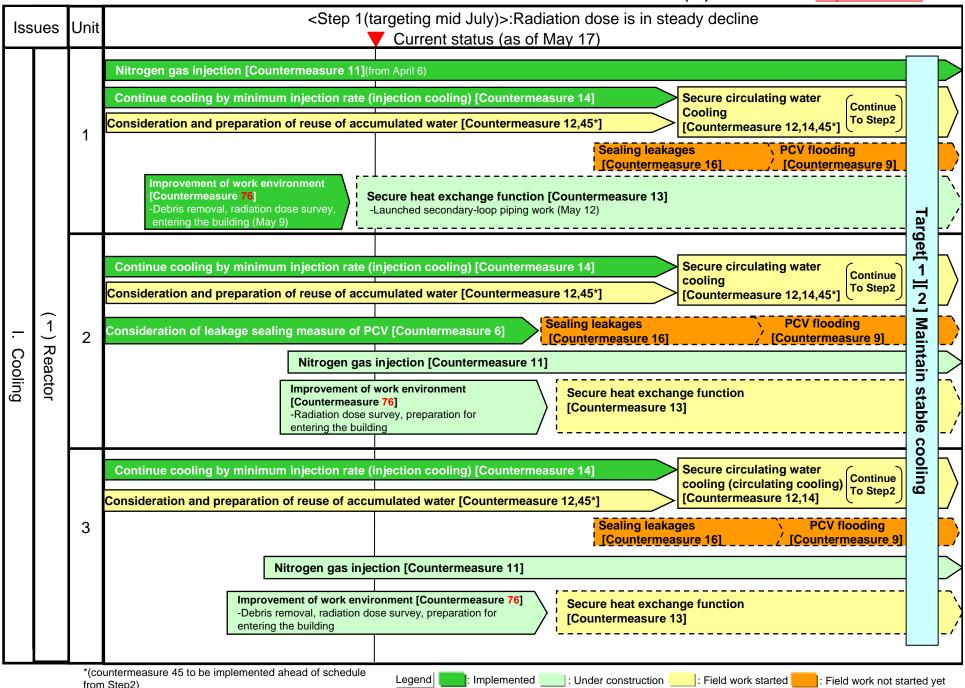
Current Status of Roadmap (issues/targets/major countermeasures) as of May 17

Red colored: newly added to the previous version

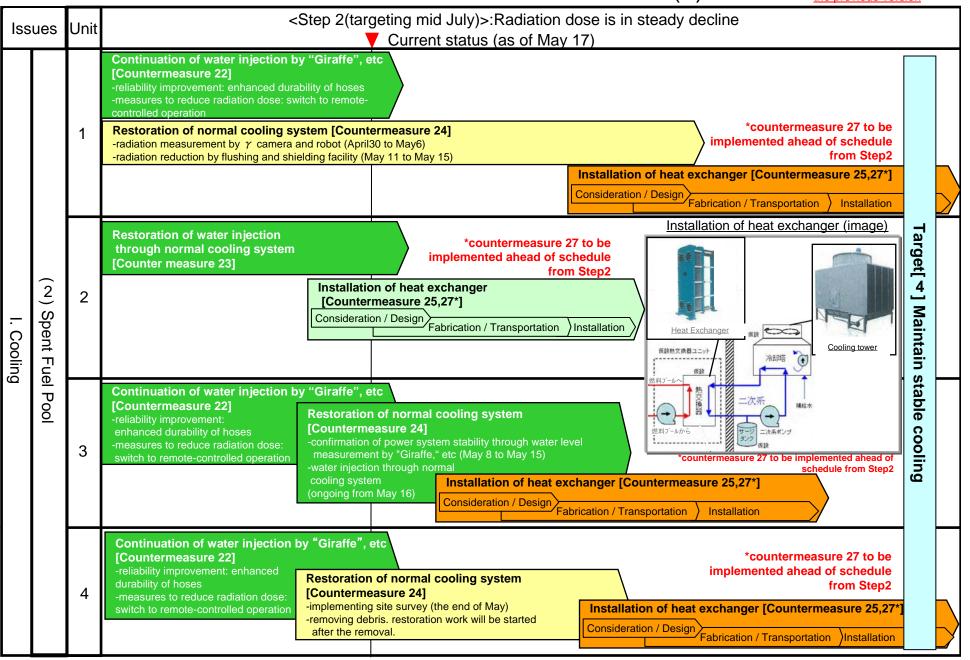
Issues		As of April 17	Step I (around 3 months) current status (as of May 17)	Step II (around 3 to 6 months after achieving Step I)	Mid-term issues
III. Monitoring/ Decontamination	(ω) Measurement, Reduction and Announcement	Expand/ enhance monitorin of results fast and accurate	ng of radiation dose in and out of the power station and inform ly	Sufficiently reduce radiation dose in evacuation order / Deliberate Evacuatin Preparation Area/ Evacuatin Preparation Area	Continue monitoring and informing environmental safety
IV. Countermeasures against aftershocks, etc	(ト) Tsunami, Reinforcement, etc	afto preparatio		Consideration /implementation of reinforcement work of each Unit	Reinforcement work of each Unit
V. Environment improvement	(∞) Life/work environment		Improvement of workers' I	ife/work environment	

Overview of Major Countermeasures in the Power Station as of May 17





Current Status of Countermeasure (2)



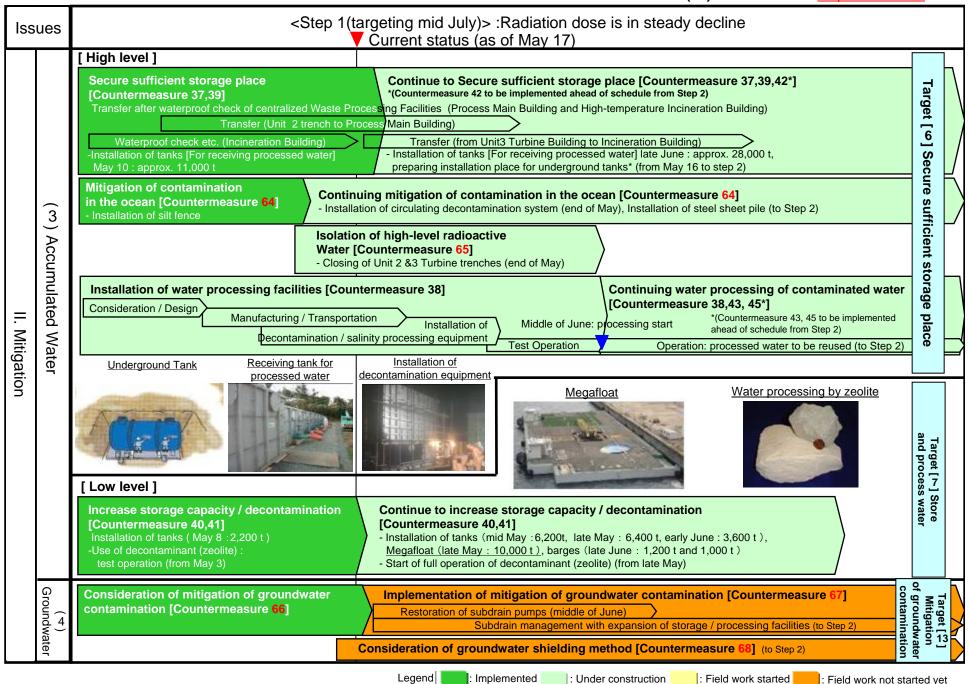
: Implemented

: Under construction

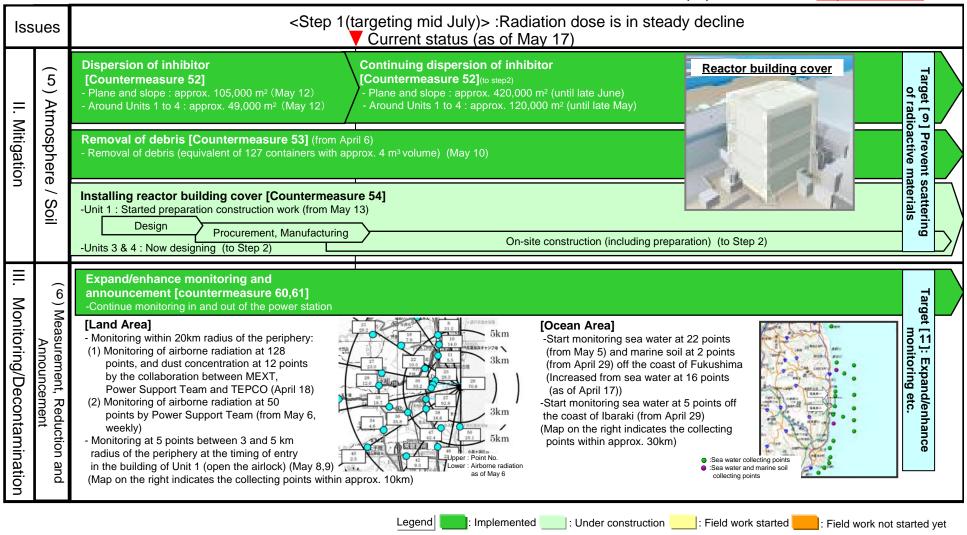
: Field work started

: Field work not started yet

Current Status of Countermeasures (3)



Current Status of Countermeasures (4)



Red colored: newly added to the previous version

