

Summary of major responses to the RFI (classified into items and categories) [Topic 7 : Others]

Particularly-Requested Technologies for contaminated Water Issues		Response to RFI			Trend of technical information in the responses	Expert Review Panel's comments
Item	Sub item	Category	No.	Key words		
(1) Countermeasures for Contaminated Water (Except Tritium)	Volume Reduction		608, 658, 700, 777	Vaporized, Mixed with concrete	There are several proposals of contaminated water treatment methods such as volume reduction and nuclear decay for radionuclides except Tritium.	Currently contaminated water treatment is planned with "ALPS" for targeting Cesium, Strontium. If volume reduction or nuclear decay of contaminated water will be further discussed, a wide range of technologies and measures should be studied.
	Harmless		61, 84, 210, 459, 761	Water plasma, Transformation by nano-silver, etc.		
	Other		568, 778	Buried in the ground		
(2) Reduction of radiation exposure			81, 82	Shielding sheet	There are several proposals for reduction methods of radiation exposure for workers engaged in contaminated water treatment.	If reduction of radiation exposure for workers will be further discussed, a wide range of technologies and measures should be studied considering the field situation.
			80	Visualized dose-meter		
			657	Dose mapping system		
(3) Core cooling	Cooling without water (by air, low fusing-temp metal such as lead)		5, 24, 32, 41, 52, 519, 779	Utilizing such as air, low fusing-temp metal		If ways to continue core cooling will be discussed, a wide range of technologies and measures should be studied including the cooling method without water. However, regarding the cooling method by metal such as lead, the treatment of radioactive waste generated in the cooling process needs to be sufficiently studied.
(4) Decommissioning and other			128, 763	Process Proposal	There are a wide variety of, and many informative proposals including decommissioning process.	The information will be used for the discussion on decommissioning process and long-term strategy.
			11, 67, 68, 141, 173, 484, 543	Long term strategy, scenario proposal		
			483, 515, 548	Without form-2		