

Reinforcement of Monitoring for Seawater inside the Port in Fukushima Daiichi NPS

<Reference>
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Tokyo Electric Power Company

- We will reinforce the monitoring at the 5 points inside the port for the following one week from October 11, in response to the higher cesium density in seawater inside the Unit 2 silt fence.

Area	Sampling point	Existing frequency*3				Reinforced frequency*3				Notes
		γ -ray	3H	All- β	Sr-90	γ -ray	3H	All- β	Sr-90	
Around the water intake for Unit 1 to 4	Between the water intake channel of Unit 1 and 2 (Surface layer)	Weekly (3 times per week)*4	Weekly (3 times per week)*4	Weekly (3 times per week)*4	Monthly	Weekly (3 times per week)*4	Weekly (3 times per week)*4	Weekly (3 times per week)*4	Monthly	
	Between the water intake channel of Unit 1 and 2 (Lower layer)									
	Unit 1 screen (Inside the silt fence)					Daily	Weekly	Weekly	Monthly	
	Unit 2 screen (Inside the silt fence)	Daily	Weekly	Weekly	Monthly	Daily	Daily*5	Daily*5	Monthly	Due to increase in cesium concentration in this point
	North side of Unit 1 to 4 water intake channel (North side of the east seawall break)*1	Daily	Weekly	Weekly	Monthly	Daily	Daily*5	Daily*5	Monthly	As the end of the open water intake channel of Unit 1 to 4
	Unit 1 screen (Outside the silt fence)	Daily	—	—	—	Daily	—	—	—	
	Unit 1 screen (Outside the silt fence)	Daily	—	—	—	Daily	—	—	—	
	Between the water intake channel of Unit 1 and 2 (Surface layer)	Weekly	Weekly	Weekly	Monthly	Daily*5	Daily*5	Daily*5	Monthly	As a new silt fence was installed between the seawall for the water intake of the Unit 2,3 and the water shielding wall.
	Between the water intake channel of Unit 1 and 2 (Surface layer)	Weekly	Weekly	Weekly	Monthly	Weekly	Weekly	Weekly	Monthly	
	Unit 3 screen (Inside the silt fence)	Daily	Weekly	Weekly	Monthly	Daily	Weekly	Weekly	Monthly	
	Unit 4 screen (Inside the silt fence)	Daily	Weekly	Weekly	Monthly	Daily	Weekly	Weekly	Monthly	
	Unit 3 screen (Outside the silt fence)	Daily	—	—	—	Daily	—	—	—	
	Unit 4 screen (Outside the silt fence)	Daily	—	—	—	Daily	—	—	—	
	South side of Unit 1 to 4 water intake channel	Daily	Weekly	Weekly	Monthly	Daily	Daily*5	Daily*5	Monthly	As a representative point inside the port
Inside the port	In front of shallow draft quay	Daily	Weekly	Weekly	Monthly	Daily	Daily*5	Daily*5	Monthly	As a representative point inside the port
	In front of Unit 6 water intake channel	Weekly	Weekly	Weekly	—	Weekly	Weekly	Weekly	—	
	West side in the port*2	Weekly	Weekly	Weekly	—	Weekly	Weekly	Weekly	—	
	East side in the port*2									
	North side in the port*2									
	South side in the port*2									
Port entrance*2	Weekly	Weekly	Weekly	Monthly	Daily*5	Daily*5	Daily*5	Monthly	Influence outward the port	
Around the south/north discharge channel	North side of Unit 5 and 6 discharge channel	Daily	Monthly	Monthly	Monthly	Daily	Monthly	Monthly	Monthly	
	Around the south discharge channel	Daily	Monthly	Daily	Monthly	Daily	Monthly	Daily	Monthly	

*1 Sampling point might be changed in accordance with the progress in seawall installation work, but the point remains here for a while.

*2 Sampling might not be possible in a bad weather.

*3 Monitoring for sea side is conducted regarding γ -ray, 3H, and all- β . Sr. is monitored for comparison with notification level and assessing the influence..

*4 Sampling will be reinforced until the ground improvement work at the seawall for the water intake of the Unit 1 and 2 is completed.

*5 Samplings will be held daily for one week from October 11.

Reinforced monitoring points inside the port (seawater)

