

Results of the accumulated water analysis

August 1, 2011
Tokyo Electric Power Company

Processing instruments	Cesium adsorption Instruments (Kurion) + Decontamination instruments (AREVA)
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	Before process	After process (1)	After process (2)
Samples	Centralized RW basement high radiation contaminated water	Cesium adsorption Instruments processed water	Decontamination instruments processed water
Time and Date of Sample Collection	7/28/2011 12:50	7/28/20 12:30	7/28/2011 12:00
Place of Sampling	Centralized RW 3F sampling line	Cesium adsorption Instruments outlet	Coagulation settling instrument outlet

	Before process	After process (1)	After process (2)
Nuclides	Density of sample (Bq/cm ³)	Density of sample (Bq/cm ³)	Density of sample (Bq/cm ³)
I-131	ND (<7.6E+03)	7.4E+01	4.3E+01
Cs-134	1.6E+06	3.4E+03	ND (<1.2E+00)
Cs-137	1.8E+06	3.7E+03	ND (<7.8E-01)

	DF*
<	1.8E+02
>	1.3E+06
>	2.3E+06

. E- means the same as . ×10⁻

* : DF(Decontamination Factor) : = (density of sample before process) / (density of sample after process (2))

For I-131 DF, measureable limit before process is used.

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Processing instruments	Water Desalinations (RO)
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	Before process	After process
Samples	Water at water desalinations inlet	Water at water desalinations outlet
Time and Date of Sample Collection	7/28/2011 11:30	7/28/2011 11:30
Place of Sampling	RO waste water tank inlet sampling line	RO waste water tank outlet sampling line

	Before process	After process
	density of sample (ppm)	density of sample (ppm)
density of chlorine	6600	20

. E- means the same as . ×10- .