

Results of the accumulated water analysis

July 7, 2011
Tokyo Electric Power Company

Treatment instrument	Cesium adsorption instrument (Kurion) + Decontamination instrument (AREVA)
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	Before treatment	After treatment (1)	After treatment (2)
Sample	Highly concentrated contaminated water in the basement of	treated water by cesium adsorption instrument	treated water by decontamination instrument
Time and Date of sample collection	07:30 am July 5, 2011	07:20 am July 5, 2011	06:50 am July 5, 2011
Place of sampling	Sampling line of the 3rd floor of Centralized Radiation Waste	Cesium adsorption instrument exhaust	Coagulation settling instrument exhaust

	Before treatment	After treatment (1)	After treatment (2)
Nuclide	Density of Sample (Bq/cm ³)	Density of Sample (Bq/cm ³)	Density of Sample (Bq/cm ³)
I-131	ND (<8.7E+03)	4.5E+02	4.5E+02
Cs-134	2.0E+06	4.4E+03	ND (<2.4E+00)
Cs-137	2.2E+06	4.9E+03	ND (<1.7E+00)

DF*	
<	1.9E+01
>	8.3E+05
>	1.3E+06

E- is the same meaning of $\times 10^{-}$

* : DF(Decontamination Factor) = (Sample density before treatment) / (Sample density After (2) treatment)

Measurable limits of After treatment(2) was used for DF of Cs-134、Cs137

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Treatment instrument	Water Desalination Instrument (RO)
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	Before treatment	After treatment (1)
Sample	Inlet water of the desalination instrument	Outlet water of the desalination instrument
Time and Date of sample collection	07:00 am July 5, 2011	07:00 am July 5, 2011
Place of sampling	samling line at the outlet of the the RO wastewater tank	samling line at the outlet of the the RO treatment tank

	Before treatment	After treatment
	Density of the sampling (ppm)	Density of the sampling (ppm)
Density of chloride	16000	22