

## The result of the test run of the cesium absorption facility

June 14, 2011  
Tokyo Electric Power Company

Treatment facility	Cesium absorption facility (Kurion )
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	Before treatment	After treatment
Sample	SPT(B) raw water	Water after the Cesium absorption facility
Date and time	2:00 pm June 10, 2011	4:50 am June 14, 2011
Place of sampling	Outlet of Cesium absorption facility *1	Outlet of Cesium absorption facility *2

	Before treatment	After treatment
Nuclides	Density of sample (Bq/cm <sup>3</sup> )	Density of sample (Bq/cm <sup>3</sup> )
I-131	9.4E-01	4.9E-02
Cs-134	1.8E+02	6.3E-02
Cs-137	1.9E+02	5.7E-02

<b>DF *3</b>
<b>1.9E+01</b>
<b>2.9E+03</b>
<b>3.3E+03</b>

. E- means . × 10<sup>-</sup>

\* 1 We sampled SPT(B) raw water when we operated "SPT(B) oil separator (bypass of decontamination facility & Cesium absorption facility) SPT(B)"

\*2 We sampled after treatment water when we operated "SPT(B) oil separator Cesium absorption facility (bypass of decontamination facility) SPT(B)"

\*3 DF(Decontamination Factor)=(Density of sample before treatment)/(Density of sample after treatment)