

March 27<sup>th</sup>, 2011

**Result of Contamination Check of Water in the Basement  
At the Turbine Building of Each Unit 2 of Fukushima Daiichi Power Station**

Radioactive Materials (T1/2)	Density of Radioactive Materials ( Bq/cm <sup>3</sup> )			
	Unit 2 (Error) Obtained at around 8:50 on March 26 Measured at around 18:50 March 26	Unit 2 (Reassessment) Obtained at around 8:50 on March 26 Measured at around 18:50 March 26	Unit 2 ( re-measurement ) Obtained at around 8:50 on March 26 Measured at around 12:50 March 27	Unit 2 (re-extraction) Obtained at around 20:40 on March 27 Measured at around 22:30 March 27
	Radiation Dose Rate in the Surface of Water > 1,000mSv/h ,	Radiation Dose Rate in the Surface of Water > 1,000mSv/h ,	Radiation Dose Rate in the Surface of Water > 1,000mSv/h ,	
Co-56 ( approx.77days )	$1.6 \times 10^5$	under the limit	under the limit	under the limit
Co-58 ( approx.71days )	under the limit	under the limit	under the limit	under the limit
Co-60 ( approx. 5 years )	under the limit	under the limit	under the limit	under the limit
Mo-99 ( approx.66hours )	under the limit	under the limit	under the limit	under the limit
Tc-99m ( approx. 6 hours )	$8.7 \times 10^4$	$8.7 \times 10^4$	$4.8 \times 10^5$	under the limit
Ru-106 ( approx.370days )	under the limit	under the limit	under the limit	under the limit
Ag-108m	$2.5 \times 10^5$	under the limit	under the limit	under the limit

( approx.418 年 )				
Te-129 ( approx.70mins )	under the limit	under the limit	under the limit	under the limit
Te-129m ( approx.34days )	under the limit	under the limit	under the limit	under the limit
Te-132 ( approx.3days )	under the limit	under the limit	under the limit	under the limit
I-131 ( approx.8days )	$1.3 \times 10^7$	$1.3 \times 10^7$	$1.3 \times 10^7$	$1.3 \times 10^7$
I-132 ( approx.2hours )	under the limit	under the limit	under the limit	under the limit
I-134 ( approx.53mins )	$2.9 \times 10^9$	under the limit	under the limit	under the limit
Cs-134 ( approx. 2 years )	$2.3 \times 10^6$	$2.3 \times 10^6$	$2.2 \times 10^6$	$3.1 \times 10^6$
Cs-136 ( approx.13 days )	$2.5 \times 10^5$	$2.5 \times 10^5$	$2.5 \times 10^5$	$3.2 \times 10^5$
Cs-137 ( approx.30 years )	$2.3 \times 10^6$	$2.3 \times 10^6$	$2.2 \times 10^6$	$3.0 \times 10^6$
Ba-140 ( approx.13 days )	$4.9 \times 10^5$	$4.9 \times 10^5$	$4.9 \times 10^5$	$6.8 \times 10^5$
La-140 ( approx.2 days )	$1.9 \times 10^5$	$1.9 \times 10^5$	$1.8 \times 10^5$	$3.4 \times 10^5$
Total	$2.9 \times 10^9$	$1.9 \times 10^7$	$1.9 \times 10^7$	$2.0 \times 10^7$