

**Results of the radioactive material analysis related to the leaked water from the pipeline connecting from Desalination System (Reverse Osmosis Membrane) to Concentrated Water Storage Tank in Fukushima Daiichi Nuclear Power Station**

**Unit 1 to 4 side of South Discharge Channel**

【Sampling Point】 Unit 1 to 4 side of South Discharge Channel, Fukushima Daiichi NPS

【Sampling Date and Time】 At 5:45 AM on December 25, 2013 (Wednesday)

【Results】

Nuclide	Concentration of Radioactive Material (Bq/cm <sup>3</sup> )	Detection Limit (Bq/cm <sup>3</sup> )	Half-life Period
I-131	Below Detection Limit	7.8X10 <sup>-4</sup>	About 8 days
Cs-134	Below Detection Limit	6.3X10 <sup>-4</sup>	About 2 years
Cs-137	7.3X10 <sup>-4</sup>	5.8X10 <sup>-4</sup>	About 30 years
Sb-125	Below Detection Limit	1.7X10 <sup>-3</sup>	About 3 years
All $\beta$	1.5X10 <sup>-2</sup>	4.4X10 <sup>-3</sup>	-

Note 1: This shows only detected  $\gamma$  nuclides.

Note 2: Detection limit value has decreased since sampling was performed chemical analysis laboratory instead of Unit 5,6 laboratory.