

**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 8:00 AM on October 12, 2012 (Friday)

【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	$4.2 \times 10^{-4}$	About 8 days
Cs-134	Below Detection Limit	$1.0 \times 10^{-3}$	About 2 years
Cs-137	Below Detection Limit	$1.3 \times 10^{-3}$	About 30 years
Sb-125	Below Detection Limit	$1.1 \times 10^{-3}$	About 3 years
All $\beta$	Below Detection Limit	$2.4 \times 10^{-2}$	-

This shows only detected  $\gamma$  nuclides.