

**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 5:40 AM on December 10, 2013 (Tuesday)

【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                                       | 6.4X10 <sup>-4</sup>                  | About 8 days     |
| Cs-134  | Below Detection Limit                                       | 7.4X10 <sup>-4</sup>                  | About 2 years    |
| Cs-137  | Below Detection Limit                                       | 7.1X10 <sup>-4</sup>                  | About 30 years   |
| Sb-125  | Below Detection Limit                                       | 1.9X10 <sup>-3</sup>                  | About 3 years    |
| All β   | 1.4X10 <sup>-2</sup>  | 4.7X10 <sup>-3</sup>                  | -                |

Note 1: This shows only detected γ nuclides.

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