

Detailed analysis results of the water in the spent fuel pool of Unit 4 and the skimmer surge tank of Unit 2 of Fukushima Daiichi Nuclear Power Station

Sample	Sampling date
The water in the spent fuel pool of Unit 4	April 12, 2011
The water in the skimmer surge tank of Unit 2	April 16, 2011

(1) Gamma-ray nuclide analysis results ¹

Sample	Measurement date	Nuclide (Bq/L)		
		Iodine 131 (Approx. 8 days)	Cesium 134 (Approx. 2 years)	Cesium 137 (Approx. 30 years)
The water in the spent fuel pool of Unit 4	April 27, 2011 - May 2, 2011	1.3E+05	1.3E+05	1.4E+05
The water in the skimmer surge tank of Unit 2	May 2, 2011 - May 9, 2011	8.9E+05	9.8E+07	9.3E+07

1 : Corrected value as the value of sampling date and time

(2) Measurement results of alpha-radioactivity and beta radioactivity

Sample	Measurement date	all α radioactivity	All β radioactivity
		Bq/L	Bq/L
The water in the spent fuel pool of Unit 4	May 22, 2011	Under measurable limits	1.3E+06
The water in the skimmer surge tank of Unit 2	May 22, 2011	Under measurable limits	7.5E+08

(3) Measurement results of all uranium which is α nuclide and all plutonium

Sample	Measurement date	All uranium	All plutonium
		mg/L ²	Bq/L
The water in the spent fuel pool of Unit 4	May 17, 2011 - May 24, 2011	3.0E-05	Under measurable limits
The water in the skimmer surge tank of Unit 2	May 17, 2011 - May 24, 2011	2.6E-04	Under measurable limits

2 : Mass analysis was applied because of the half life of uranium is long.