

Information (20:15) Friday, May 30, 2014

To All Missions (Embassies, Consular posts and International Organizations in Japan)

Groundwater at Fukushima Daiichi NPS will be released for the third time on June 2nd

The Ministry of Foreign Affairs wishes to inform all Missions that following May 21st and 27th release, groundwater at Fukushima Daiichi NPS will be released for the third time on June 2nd.

As informed by the Ministry on May 23rd, "Groundwater bypassing" started on May 21st, and no significant change of radioactivity was observed according to the radioactive analysis conducted by TEPCO (the sea water used for this analysis was sampled during and after the operation at the nearest sea water sampling post from the groundwater releasing point).

Today, TEPCO announced the detailed analysis results of groundwater which is planned to be released on June 2nd. All these results show that the radioactive levels of sampled water are substantially below the operational targets (each of the target is set by TEPCO and these operational targets are set at very low level compared to the legal discharge limits). The detailed analysis results are shown in the table attached herewith.

Sender of this note: International Nuclear Energy Cooperation Division, Tel 03-5501-8227

(Attachment)

Detailed analysis results regarding the water quality of the groundwater having been pumped out for by-passing at Fukushima Daiichi Nuclear Power Station (Original information was announced by TEPCO in Japanese, and this provisional translation is made by the Government of Japan)

(Unit: Bq/L)

Analytical body	TEPCO	Japan Chemical Analysis Center
Cs-134	ND (0.67)	ND (0.71)
Cs-137	ND (0.64)	ND (0.65)
Other gamma nuclides	Not detected	Not detected
Gross β	ND (0.87)	ND (0.53)
H-3	200	210

- * Sampled at 14:10 on May 22, 2014
- * ND represents a value below the detection limit; values in () represent the detection limit
- * For further information, please contact TEPCO (Tel: 03-6373-1111). Also, as for the operational targets, please refer to the table shown below or to the relevant information uploaded in the following TEPCO's website (pg 2): http://www.tepco.co.jp/en/nu/fukushima-np/handouts/2014/images/handouts_140203_04-e.pdf

(Reference)

(Unit: Bq/L)

	Operational targets	Legal discharge limit	WHO Guidelines for Drinking Water Quality
Cs-134	1	60	10
Cs-137	1	90	10
Other gamma nuclides	Not to be detected ※1	—	—
Gross β	5 (1) ※2	—	—
H-3	1,500	60,000	10,000
Sr-90	—	30	10

※1 Other gamma nuclides (except naturally-occurring nuclides) must not be detected during the analysis Cs-134 and Cs-137.

※2 The operational target of Gross β is 1 Bq/L in the survey which is conducted once every ten days.