(Attachment 1)

Fukushima Daiichi Nuclear Power Station: Uranium analysis result in the soil

1. Analysis result

(Unit: Bq/kg· Dry soil)

Sampling spot (): Distance from the stack of Unit 1, 2	Date of sampling/ Analyses organization	U-234	U-235	U-238
①Playground (west-northwest approx. 500m)	May 9 Japan Chemical Analysis Center	13±0.70	0.67±0.11	13±0.70
② Near the industrial waste disposal plant (south-southwest approx. 500m)		5.7±0.36	0.19±0.053	5.7±0.36
Natural Uranium specific radioactivity (Bq/g)		1.2×10^{4}	5.7×10^{2}	1.2×10^{4}
Natural Uranium abundance ratio (wt%)		0.0054	0.72	99.3

2. Valuation

Uranium detected for this analysis is valued as the same level as in the natural condition for the following reasons.

- Radioactive densities of U-234 and U-238 are same in the sampling No1. and No.2, where Uranium in nature forms radioactive balance (same radioactivity density between U-234 and U-238).
- U-235 abundance ratio of the sampling No.1 and No.2 is almost same as the natural U-235 abundance ratio, which is U-235/U-238＝0.0073.

U-235 of the sampling No.1: 8.4×10^{-6}g (0.67Bq/kg Dry soil)
U-238 of the sampling No.1: 1.0×10^{-3}g (13Bq/kg Dry soil)
U-235/U-238=0.0080*
U-235 of the sampling No.2: 2.4×10^{-6}g (0.19Bq/kg Dry soil)
U-238 of the sampling No.1: 4.6×10^{-4}g (5.7Bq/kg Dry soil)
U-235/U-238=0.0052*

* The above values may not match the calculation due to the rounding off.

End

(Attachment 2)

Fukushima Daiichi Nuclear Power Station: Uranium analysis result in the soil

1. Analysis result

(Unit: Bq/kg· Dry soil)

Sampling spot (): Distance from the stack of Unit 1, 2	Date of sampling/ Analyses organization	U-234	U-235	U-238
①Playground (west-northwest approx. 500m)	May 16 Japan Chemical Analysis Center	14±0.80	0.52±0.10	15±0.90
② Near the industrial waste disposal plant (south-shouthwest approx. 500m)		7.5±0.48	0.54±0.11	7.0±0.45
Natural Uranium specific radioactivity (Bq/g)		1.2×10^{4}	5.7×10^{2}	1.2×10^{4}
Natural Uranium abundance ratio (wt%)		0.0054	0.72	99.3

2. Valuation

Uranium detected for this analysis is valued as the same level as in the natural condition for the following reasons.

- Radioactive densities of U-234 and U-238 are same in the sampling No1. and No.2, where Uranium in nature forms radioactive balance (same radioactivity density between U-234 and U-238).
- U-235 abundance ratio of the sampling No.1 and No.2 is almost same as the natural U-235 abundance ratio, which is U-235/U-238＝0.0073.

U-235 of the sampling No.1: 6.5×10^{-6}g (0.52Bq/kg Dry soil)
U-238 of the sampling No.1: 1.2×10^{-3}g (15Bq/kg Dry soil)
U-235/U-238=0.0054*
U-235 of the sampling No.2: 6.7×10^{-6}g (0.54Bq/kg Dry soil)
U-238 of the sampling No.1: 5.6×10^{-4}g (7.0Bq/kg Dry soil)
U-235/U-238=0.012*

* The above values may not match the calculation due to the rounding off.

End

(Attachment 3)

Fukushima Daiichi Nuclear Power Station: Uranium analysis result in the soil

1. Analysis result

(Unit: Bq/kg· Dry soil)

Sampling spot (): Distance from the stack of Unit 1, 2	Date of sampling/ Analyses organization	U-234	U-235	U-238
①Playground (west-northwest approx. 500m)	May 23 Japan Chemical Analysis Center	14±0.60	0.75±0.10	14±0.60
② Near the industrial waste disposal plant (south-shouthwest approx. 500m)		4.8±0.34	0.33±0.082	5.3±0.37
Natural Uranium specific radioactivity (Bq/g)		1.2×10^{4}	5.7×10^{2}	1.2×10^{4}
Natural Uranium abundance ratio (wt%)		0.0054	0.72	99.3

2. Valuation

Uranium detected for this analysis is valued as the same level as in the natural condition for the following reasons.

- Radioactive densities of U-234 and U-238 are same in the sampling No1. and No.2, where Uranium in nature forms radioactive balance (same radioactivity density between U-234 and U-238).
- U-235 abundance ratio of the sampling No.1 and No.2 is almost same as the natural U-235 abundance ratio, which is U-235/U-238＝0.0073.

U-235 of the sampling No.1:9.4×10^{-6}g (0.75Bq/kg Dry soil)
U-238 of the sampling No.1: 1.1×10^{-3}g(14Bq/kg Dry soil)
U-235/U-238=0.0083*
U-235 of the sampling No.2: 4.1×10^{-6}g(0.33Bq/kg Dry soil)
U-238 of the sampling No.1: 4.3×10^{-4}g(5.3Bq/kg Dry soil)
U-235/U-238=0.0097*

* The above values may not match the calculation due to the rounding off.

End

(Attachment 4)

Fukushima Daiichi Nuclear Power Station: Uranium analysis result in the soil

1. Analysis result

(Unit: Bq/kg· Dry soil)

Sampling spot (): Distance from the stack of Unit 1, 2	Date of sampling/ Analyses organization	U-234	U-235	U-238
①Playground (west-northwest approx. 500m)	May 30 Japan Chemical Analysis Center	14±0.70	0.91±0.13	15±0.80
② Near the industrial waste disposal plant (south-shouthwest approx. 500m)		6.5±0.39	N.D.	6.3±0.38
Natural Uranium specific radioactivity (Bq/g)		1.2×10^{4}	1.2×10^{4}	5.7×10^{2}
Natural Uranium abundance ratio (wt%)		0.0054	0.0054	0.72

2. Valuation

Uranium detected for this analysis is valued as the same level as in the natural condition for the following reasons.

- Radioactive densities of U-234 and U-238 are same in the sampling No1. and No.2, where Uranium in nature forms radioactive balance (same radioactivity density between U-234 and U-238).
- U-235 abundance ratio of the sampling No.1 and No.2 is almost same as the natural U-235 abundance ratio, which is U-235/U-238＝0.0073.

U-235 of the sampling No.1: 1.1×10^{-5}g(0.91Bq/kg Dry soil)

U-238 of the sampling No.1: 1.2×10^{-3}g(15Bq/kg Dry soil)

U-235/U-238=0.0094*

* The above values may not match the calculation due to the rounding off.

End