Nuclides Analysis Result of the Gamma Rays in the Soil of Fukushima Daiichi NPS <1/5>

(Data summarized on March 25)

1. Measurement Result: The following is the analysis result of γ ray nuclides in the soil measured at Fukushima Daiichi NPS

(Unit: Bq/kg・Dry Soil)

Place of Sampling		【Fixed Point ①】*1 Ground (Approx. 500m West-Northwest)*2	【Fixed Point ②】*1 Wild Birds' Forest (Approx. 500m West)*2	【Fixed Point ③】*1 Near the Industrial Waste Disposal Facility (Approx. 500m South-Southwest)*2
Date of Sampling		Mar 11, 2013	Mar 11, 2013	Mar 11, 2013
Analyzed by		KAKEN Inc.	KAKEN Inc.	KAKEN Inc.
Nuclides	I-131 (Approx. 8 days)	ND	ND	ND
	I-132 (Approx. 2 hours)	ND	ND	ND
	Cs-134 (Approx. 2 years)	8.4E+03	3.6E+03	7.1E+04
	Cs-136 (Approx. 13 days)	ND	ND	ND
	Cs-137 (Approx. 30 years)	1.9E+04	8.3E+03	1.6E+05
	Sb-125 (Approx. 3 years)	ND	ND	ND
	Te-129m (Approx. 34 days)	ND	ND	ND
	Te-132 (Approx. 78 hours)	ND	ND	ND
	Ba-140 (Approx. 13 days)	ND	ND	ND
	Nb-95 (Approx. 35 days)	ND	ND	ND
	Ru-106 (Approx. 370 days)	ND	ND	ND
	Mo-99 (Approx. 66 hours)	ND	ND	ND
	Tc-99m (Approx. 6 hours)	ND	ND	ND
	La-140 (Approx. 40 hours)	ND	ND	ND
	Ag-110m (Approx. 250 days)	ND	ND	ND

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.

*2 The Distance from Unit 1-2 Stacks

2. Evaluation: The following is the analysis result of γ ray nuclides in the soil measured in Fukushima Prefecture in FY2009.
Radioactive materials of higher density are detected this time supposedly due to the accident.

< Soil Analysis Result Provided by Fukushima Prefecture in FY2009 >

Cs-137: ND - 21Bq/kg, Dry Soil, Others: ND

Nuclides Analysis Result of the Gamma Rays in the Soil of Fukushima Daiichi NPS <2/5>

(Data summarized on March 25)

1. Measurement Result: The following is the analysis result of γ ray nuclides in the soil measured at Fukushima Daiichi NPS

(Unit: Bq/kg・Dry Soil)

Place of Sampling		【Fixed Point ①】*1 Ground (Approx. 500m West-Northwest)*2	【Fixed Point ②】*1 Wild Birds' Forest (Approx. 500m West)*2	【Fixed Point ③】*1 Near the Industrial Waste Disposal Facility (Approx. 500m South-Southwest)*2
Date of Sampling		May 13, 2013	May 13, 2013	May 13, 2013
Analyzed by		KAKEN Inc.	KAKEN Inc.	KAKEN Inc.
Nuclides	I-131 (Approx. 8 days)	ND	ND	ND
	I-132 (Approx. 2 hours)	ND	ND	ND
	Cs-134 (Approx. 2 years)	1.4E+04	6.9E+03	5.8E+04
	Cs-136 (Approx. 13 days)	ND	ND	ND
	Cs-137 (Approx. 30 years)	3.2E+04	1.5E+04	1.3E+05
	Sb-125 (Approx. 3 years)	ND	ND	ND
	Te-129m (Approx. 34 days)	ND	ND	ND
	Te-132 (Approx. 78 hours)	ND	ND	ND
	Ba-140 (Approx. 13 days)	ND	ND	ND
	Nb-95 (Approx. 35 days)	ND	ND	ND
	Ru-106 (Approx. 370 days)	ND	ND	ND
	Mo-99 (Approx. 66 hours)	ND	ND	ND
	Tc-99m (Approx. 6 hours)	ND	ND	ND
	La-140 (Approx. 40 hours)	ND	ND	ND
	Ag-110m (Approx. 250 days)	ND	ND	ND

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.

*2 The Distance from Unit 1-2 Stacks

2. Evaluation: The following is the analysis result of γ ray nuclides in the soil measured in Fukushima Prefecture in FY2009.
Radioactive materials of higher density are detected this time supposedly due to the accident.

< Soil Analysis Result Provided by Fukushima Prefecture in FY2009 >

Cs-137: ND - 21Bq/kg, Dry Soil, Others: ND

Nuclides Analysis Result of the Gamma Rays in the Soil of Fukushima Daiichi NPS <3/5>

(Data summarized on March 25)

1. Measurement Result: The following is the analysis result of γ ray nuclides in the soil measured at Fukushima Daiichi NPS

(Unit: Bq/kg・Dry Soil)

Place of Sampling		【Fixed Point ①】*1 Ground (Approx. 500m West-Northwest)*2	【Fixed Point ②】*1 Wild Birds' Forest (Approx. 500m West)*2	【Fixed Point ③】*1 Near the Industrial Waste Disposal Facility (Approx. 500m South-Southwest)*2
Date of Sampling		Jul 15, 2013	Jul 15, 2013	Jul 15, 2013
Analyzed by		KAKEN Inc.	KAKEN Inc.	KAKEN Inc.
Nuclides	I-131 (Approx. 8 days)	ND	ND	ND
	I-132 (Approx. 2 hours)	ND	ND	ND
	Cs-134 (Approx. 2 years)	1.8E+03	2.8E+04	4.1E+03
	Cs-136 (Approx. 13 days)	ND	ND	ND
	Cs-137 (Approx. 30 years)	4.0E+03	6.7E+04	1.1E+04
	Sb-125 (Approx. 3 years)	ND	ND	ND
	Te-129m (Approx. 34 days)	ND	ND	ND
	Te-132 (Approx. 78 hours)	ND	ND	ND
	Ba-140 (Approx. 13 days)	ND	ND	ND
	Nb-95 (Approx. 35 days)	ND	ND	ND
	Ru-106 (Approx. 370 days)	ND	ND	ND
	Mo-99 (Approx. 66 hours)	ND	ND	ND
	Tc-99m (Approx. 6 hours)	ND	ND	ND
	La-140 (Approx. 40 hours)	ND	ND	ND
	Ag-110m (Approx. 250 days)	ND	ND	ND

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.

*2 The Distance from Unit 1-2 Stacks

2. Evaluation: The following is the analysis result of γ ray nuclides in the soil measured in Fukushima Prefecture in FY2009.
Radioactive materials of higher density are detected this time supposedly due to the accident.

< Soil Analysis Result Provided by Fukushima Prefecture in FY2009 >

Cs-137: ND - 21Bq/kg, Dry Soil, Others: ND

Nuclides Analysis Result of the Gamma Rays in the Soil of Fukushima Daiichi NPS <4/5>

(Data summarized on March 25)

1. Measurement Result: The following is the analysis result of γ ray nuclides in the soil measured at Fukushima Daiichi NPS

(Unit: Bq/kg・Dry Soil)

Place of Sampling		【Fixed Point ①】*1 Ground (Approx. 500m West-Northwest)*2	【Fixed Point ②】*1 Wild Birds' Forest (Approx. 500m West)*2	【Fixed Point ③】*1 Near the Industrial Waste Disposal Facility (Approx. 500m South-Southwest)*2
Date of Sampling		Sep 16, 2013	Sep 16, 2013	Sep 16, 2013
Analyzed by		KAKEN Inc.	KAKEN Inc.	KAKEN Inc.
Nuclides	I-131 (Approx. 8 days)	ND	ND	ND
	I-132 (Approx. 2 hours)	ND	ND	ND
	Cs-134 (Approx. 2 years)	3.2E+04	3.7E+04	2.2E+04
	Cs-136 (Approx. 13 days)	ND	ND	ND
	Cs-137 (Approx. 30 years)	8.0E+04	9.3E+04	5.6E+04
	Sb-125 (Approx. 3 years)	ND	ND	ND
	Te-129m (Approx. 34 days)	ND	ND	ND
	Te-132 (Approx. 78 hours)	ND	ND	ND
	Ba-140 (Approx. 13 days)	ND	ND	ND
	Nb-95 (Approx. 35 days)	ND	ND	ND
	Ru-106 (Approx. 370 days)	ND	ND	ND
	Mo-99 (Approx. 66 hours)	ND	ND	ND
	Tc-99m (Approx. 6 hours)	ND	ND	ND
	La-140 (Approx. 40 hours)	ND	ND	ND
	Ag-110m (Approx. 250 days)	ND	ND	ND

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.

*2 The Distance from Unit 1-2 Stacks

2. Evaluation: The following is the analysis result of γ ray nuclides in the soil measured in Fukushima Prefecture in FY2009.
Radioactive materials of higher density are detected this time supposedly due to the accident.

< Soil Analysis Result Provided by Fukushima Prefecture in FY2009 >

Cs-137: ND - 21Bq/kg, Dry Soil, Others: ND

Nuclides Analysis Result of the Gamma Rays in the Soil of Fukushima Daiichi NPS <5/5>

(Data summarized on March 25)

1. Measurement Result: The following is the analysis result of γ ray nuclides in the soil measured at Fukushima Daiichi NPS

(Unit: Bq/kg・Dry Soil)

Place of Sampling		【Fixed Point ①】*1 Ground (Approx. 500m West-Northwest)*2	【Fixed Point ②】*1 Wild Birds' Forest (Approx. 500m West)*2	【Fixed Point ③】*1 Near the Industrial Waste Disposal Facility (Approx. 500m South-Southwest)*2
Date of Sampling		Nov 11, 2013	Nov 11, 2013	Nov 11, 2013
Analyzed by		KAKEN Inc.	KAKEN Inc.	KAKEN Inc.
Nuclides	I-131 (Approx. 8 days)	ND	ND	ND
	I-132 (Approx. 2 hours)	ND	ND	ND
	Cs-134 (Approx. 2 years)	7.4E+02	9.2E+02	7.3E+04
	Cs-136 (Approx. 13 days)	ND	ND	ND
	Cs-137 (Approx. 30 years)	2.0E+03	2.7E+03	1.9E+05
	Sb-125 (Approx. 3 years)	ND	ND	ND
	Te-129m (Approx. 34 days)	ND	ND	ND
	Te-132 (Approx. 78 hours)	ND	ND	ND
	Ba-140 (Approx. 13 days)	ND	ND	ND
	Nb-95 (Approx. 35 days)	ND	ND	ND
	Ru-106 (Approx. 370 days)	ND	ND	ND
	Mo-99 (Approx. 66 hours)	ND	ND	ND
	Tc-99m (Approx. 6 hours)	ND	ND	ND
	La-140 (Approx. 40 hours)	ND	ND	ND
	Ag-110m (Approx. 250 days)	ND	ND	ND

*1 Sampling was conducted in the area adjacent to the past sampling location to avoid duplication.

*2 The Distance from Unit 1-2 Stacks

2. Evaluation: The following is the analysis result of γ ray nuclides in the soil measured in Fukushima Prefecture in FY2009.
Radioactive materials of higher density are detected this time supposedly due to the accident.

< Soil Analysis Result Provided by Fukushima Prefecture in FY2009 >

Cs-137: ND - 21Bq/kg, Dry Soil, Others: ND