

## Radioactive Concentrations measured by Seawater Radiation Monitor near Fukushima Daiichi Nuclear Power Station (from November 1 to November 8, 2016)

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/1 0:00	ND	0.09	0.66
2016/11/1 1:00	ND	0.06	0.66
2016/11/1 2:00	ND	0.06	0.62
2016/11/1 3:00	ND	0.07	0.55
2016/11/1 4:00	ND	0.05	0.61
2016/11/1 5:00	ND	0.07	0.65
2016/11/1 6:00	ND	0.05	0.69
2016/11/1 7:00	ND	0.09	0.78
2016/11/1 8:00	ND	0.12	0.78
2016/11/1 9:00	ND	0.10	0.82
2016/11/1 10:00	ND	0.10	0.80
2016/11/1 11:00	ND	0.06	0.59
2016/11/1 12:00	ND	0.05	0.50
2016/11/1 13:00	ND	0.06	0.49
2016/11/1 14:00	ND	0.07	0.53
2016/11/1 15:00	ND	0.08	0.49
2016/11/1 16:00	ND	0.05	0.58
2016/11/1 17:00	ND	0.06	0.59
2016/11/1 18:00	ND	0.08	0.63
2016/11/1 19:00	ND	0.07	0.70
2016/11/1 20:00	ND	0.07	0.75
2016/11/1 21:00	ND	0.07	0.52
2016/11/1 22:00	ND	0.04	0.59
2016/11/1 23:00	ND	0.04	0.53
Average	ND	0.07	0.63

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/2 0:00	ND	0.04	0.51
2016/11/2 1:00	10.1	0.05	0.50
2016/11/2 2:00	ND	0.06	0.50
2016/11/2 3:00	ND	0.05	0.54
2016/11/2 4:00	ND	0.05	0.52
2016/11/2 5:00	ND	0.05	0.53
2016/11/2 6:00	ND	0.06	0.51
2016/11/2 7:00	ND	0.06	0.49
2016/11/2 8:00	ND	0.04	0.53
2016/11/2 9:00	ND	0.04	0.53
2016/11/2 10:00	ND	0.04	0.56
2016/11/2 11:00	ND	0.06	0.61
2016/11/2 12:00	ND	0.07	0.64
2016/11/2 13:00	ND	0.08	0.51
2016/11/2 14:00	ND	0.04	0.64
2016/11/2 15:00	ND	0.06	0.61
2016/11/2 16:00	ND	0.06	0.57
2016/11/2 17:00	ND	0.06	0.61
2016/11/2 18:00	ND	0.07	0.59
2016/11/2 19:00	ND	0.05	0.72
2016/11/2 20:00	ND	0.08	0.72
2016/11/2 21:00	ND	0.09	0.79
2016/11/2 22:00	ND	0.08	0.78
2016/11/2 23:00	ND	0.08	0.68
Average	10.1	0.06	0.59

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/3 0:00	ND	0.09	0.82
2016/11/3 1:00	ND	0.08	0.83
2016/11/3 2:00	ND	0.07	0.71
2016/11/3 3:00	ND	0.06	0.65
2016/11/3 4:00	ND	0.06	0.60
2016/11/3 5:00	ND	0.06	0.56
2016/11/3 6:00	ND	0.05	0.57
2016/11/3 7:00	ND	0.05	0.54
2016/11/3 8:00	ND	0.05	0.56
2016/11/3 9:00	ND	0.08	0.57
2016/11/3 10:00	8.77	0.08	0.65
2016/11/3 11:00	ND	0.07	0.72
2016/11/3 12:00	ND	0.10	0.74
2016/11/3 13:00	ND	0.07	0.72
2016/11/3 14:00	ND	0.07	0.64
2016/11/3 15:00	ND	0.06	0.61
2016/11/3 16:00	ND	0.07	0.63
2016/11/3 17:00	ND	0.07	0.69
2016/11/3 18:00	ND	0.07	0.72
2016/11/3 19:00	ND	0.09	0.71
2016/11/3 20:00	ND	0.08	0.77
2016/11/3 21:00	ND	0.07	0.83
2016/11/3 22:00	ND	0.08	0.85
2016/11/3 23:00	ND	0.09	0.78
Average	8.77	0.07	0.69

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/4 0:00	ND	0.07	0.72
2016/11/4 1:00	ND	0.08	0.71
2016/11/4 2:00	ND	0.08	0.71
2016/11/4 3:00	ND	0.07	0.61
2016/11/4 4:00	9.45	0.07	0.63
2016/11/4 5:00	ND	0.07	0.62
2016/11/4 6:00	ND	0.06	0.60
2016/11/4 7:00	ND	0.07	0.56
2016/11/4 8:00	ND	0.05	0.60
2016/11/4 9:00	ND	0.07	0.56
2016/11/4 10:00	ND	0.08	0.66
2016/11/4 11:00	ND	0.08	0.68
2016/11/4 12:00	9.73	0.08	0.68
2016/11/4 13:00	ND	0.06	0.67
2016/11/4 14:00	ND	0.07	0.65
2016/11/4 15:00	ND	0.08	0.56
2016/11/4 16:00	ND	0.08	0.57
2016/11/4 17:00	ND	0.04	0.64
2016/11/4 18:00	ND	0.06	0.56
2016/11/4 19:00	ND	0.08	0.55
2016/11/4 20:00	ND	0.07	0.78
2016/11/4 21:00	ND	0.11	0.82
2016/11/4 22:00	ND	0.09	0.88
2016/11/4 23:00	ND	0.10	0.81
Average	9.59	0.07	0.66

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/5 0:00	ND	0.08	0.73
2016/11/5 1:00	ND	0.10	0.85
2016/11/5 2:00	ND	0.09	0.72
2016/11/5 3:00	ND	0.10	0.65
2016/11/5 4:00	ND	0.07	0.64
2016/11/5 5:00	ND	0.06	0.61
2016/11/5 6:00	ND	0.06	0.57
2016/11/5 7:00	ND	0.07	0.59
2016/11/5 8:00	ND	0.08	0.65
2016/11/5 9:00	ND	0.07	0.76
2016/11/5 10:00	ND	0.08	0.67
2016/11/5 11:00	ND	0.08	0.67
2016/11/5 12:00	ND	0.08	0.67
2016/11/5 13:00	ND	0.09	0.71
2016/11/5 14:00	ND	0.07	0.61
2016/11/5 15:00	ND	0.06	0.67
2016/11/5 16:00	ND	0.06	0.62
2016/11/5 17:00	ND	0.06	0.56
2016/11/5 18:00	11.0	0.06	0.54
2016/11/5 19:00	ND	0.07	0.68
2016/11/5 20:00	ND	0.10	0.74
2016/11/5 21:00	ND	0.07	0.65
2016/11/5 22:00	ND	0.05	0.59
2016/11/5 23:00	ND	0.05	0.57
Average	11.0	0.07	0.65

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/6 0:00	ND	0.07	0.55
2016/11/6 1:00	ND	0.06	0.46
2016/11/6 2:00	ND	0.06	0.53
2016/11/6 3:00	ND	0.07	0.58
2016/11/6 4:00	ND	0.07	0.60
2016/11/6 5:00	ND	0.07	0.61
2016/11/6 6:00	ND	0.06	0.63
2016/11/6 7:00	ND	0.06	0.62
2016/11/6 8:00	10.8	0.07	0.55
2016/11/6 9:00	ND	0.05	0.62
2016/11/6 10:00	ND	0.06	0.70
2016/11/6 11:00	ND	0.08	0.70
2016/11/6 12:00	ND	0.08	0.77
2016/11/6 13:00	ND	0.09	0.72
2016/11/6 14:00	ND	0.10	0.77
2016/11/6 15:00	ND	0.09	0.76
2016/11/6 16:00	ND	0.09	0.79
2016/11/6 17:00	ND	0.06	0.73
2016/11/6 18:00	ND	0.05	0.66
2016/11/6 19:00	ND	0.08	0.65
2016/11/6 20:00	ND	0.09	0.64
2016/11/6 21:00	ND	0.06	0.73
2016/11/6 22:00	ND	0.09	0.74
2016/11/6 23:00	ND	0.08	0.78
Average	10.8	0.07	0.66

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/7 0:00	ND	0.10	0.73
2016/11/7 1:00	ND	0.09	0.81
2016/11/7 2:00	ND	0.07	0.67
2016/11/7 3:00	ND	0.06	0.61
2016/11/7 4:00	ND	0.05	0.64
2016/11/7 5:00	ND	0.06	0.56
2016/11/7 6:00	ND	0.06	0.66
2016/11/7 7:00	ND	0.08	0.69
2016/11/7 8:00	ND	0.06	0.62
2016/11/7 9:00	ND	0.05	0.64
2016/11/7 10:00	ND	0.06	0.62
2016/11/7 11:00	ND	0.06	0.67
2016/11/7 12:00	ND	0.08	0.72
2016/11/7 13:00	ND	0.08	0.72
2016/11/7 14:00	ND	0.07	0.73
2016/11/7 15:00	ND	0.09	0.66
2016/11/7 16:00	ND	0.04	0.66
2016/11/7 17:00	ND	0.07	0.56
2016/11/7 18:00	ND	0.06	0.62
2016/11/7 19:00	ND	0.05	0.57
2016/11/7 20:00	ND	0.05	0.56
2016/11/7 21:00	ND	0.04	0.62
2016/11/7 22:00	ND	0.04	0.60
2016/11/7 23:00	ND	0.06	0.57
Average	ND	0.06	0.65

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/8 0:00	ND	0.05	0.59
2016/11/8 1:00	ND	0.07	0.60
2016/11/8 2:00	ND	0.07	0.59
2016/11/8 3:00	ND	0.08	0.59
2016/11/8 4:00	ND	0.06	0.76
2016/11/8 5:00	ND	0.09	0.69
2016/11/8 6:00	ND	0.08	0.62
2016/11/8 7:00	ND	0.08	0.66
2016/11/8 8:00	ND	0.07	0.63
2016/11/8 9:00	ND	0.06	0.62
2016/11/8 10:00	ND	0.06	0.63
2016/11/8 11:00	ND	0.05	0.62
2016/11/8 12:00	ND	0.07	0.56
2016/11/8 13:00	ND	0.05	0.65
2016/11/8 14:00	ND	0.06	0.72
2016/11/8 15:00	ND	0.09	0.67
2016/11/8 16:00	ND	0.09	0.70
2016/11/8 17:00	ND	0.08	0.68
2016/11/8 18:00	ND	0.07	0.71
2016/11/8 19:00	ND	0.07	0.67
2016/11/8 20:00	ND	0.08	0.65
2016/11/8 21:00	9.04	0.06	0.62
2016/11/8 22:00	ND	0.07	0.67
2016/11/8 23:00	ND	0.06	0.69
Average	9.04	0.07	0.65

ND: The measured value is below the detection limit.

For Remarks  
 Detection Limits:  
 • Cesium 134: 0.02 Bq/L  
 • Cesium 137: 0.05 Bq/L  
 • Gross β: 8.7 Bq/L

For Reference  
 The following are the regulatory notification limits set according to the rules for security of nuclear facilities and protection of specific nuclear fuel at Fukushima Daiichi Nuclear Power Station:  
 • Cesium 134: 60 Bq/L  
 • Cesium 137: 90 Bq/L

## Radioactive Concentrations measured by Seawater Radiation Monitor near Fukushima Daiichi Nuclear Power Station (from November 9 to November 16, 2016)

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/9 0:00	ND	0.07	0.64
2016/11/9 1:00	ND	0.09	0.71
2016/11/9 2:00	ND	0.07	0.71
2016/11/9 3:00	ND	0.10	0.77
2016/11/9 4:00	ND	0.09	0.80
2016/11/9 5:00	ND	0.09	0.69
2016/11/9 6:00	ND	0.11	0.72
2016/11/9 7:00	ND	0.07	0.80
2016/11/9 8:00	ND	0.11	0.82
2016/11/9 9:00	ND	0.09	0.78
2016/11/9 10:00	ND	0.10	0.77
2016/11/9 11:00	ND	0.09	0.71
2016/11/9 12:00	9.18	0.10	0.76
2016/11/9 13:00	ND	0.08	0.83
2016/11/9 14:00	ND	0.09	0.80
2016/11/9 15:00	ND	0.12	0.82
2016/11/9 16:00	ND	0.12	0.89
2016/11/9 17:00	ND	0.10	0.87
2016/11/9 18:00	ND	0.12	0.90
2016/11/9 19:00	ND	0.10	0.74
2016/11/9 20:00	ND	0.09	0.73
2016/11/9 21:00	ND	0.07	0.78
2016/11/9 22:00	ND	0.10	0.75
2016/11/9 23:00	9.73	0.09	0.79
Average	9.46	0.09	0.77

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/10 0:00	ND	0.08	0.90
2016/11/10 1:00	ND	0.11	0.81
2016/11/10 2:00	ND	0.08	0.89
2016/11/10 3:00	ND	0.10	0.81
2016/11/10 4:00	ND	0.08	0.89
2016/11/10 5:00	ND	0.09	0.88
2016/11/10 6:00	ND	0.12	0.81
2016/11/10 7:00	ND	0.11	0.91
2016/11/10 8:00	ND	0.11	0.85
2016/11/10 9:00	ND	0.11	0.94
2016/11/10 10:00	ND	0.11	0.87
2016/11/10 11:00	ND	0.11	0.86
2016/11/10 12:00	ND	0.09	0.78
2016/11/10 13:00	ND	0.10	0.77
2016/11/10 14:00	ND	0.08	0.79
2016/11/10 15:00	ND	0.09	0.78
2016/11/10 16:00	ND	0.08	0.91
2016/11/10 17:00	ND	0.11	1.04
2016/11/10 18:00	ND	0.15	1.15
2016/11/10 19:00	ND	0.15	1.08
2016/11/10 20:00	ND	0.13	1.16
2016/11/10 21:00	ND	0.07	0.77
2016/11/10 22:00	ND	0.06	0.71
2016/11/10 23:00	ND	0.09	0.65
Average	ND	0.10	0.88

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/11 0:00	ND	0.10	0.69
2016/11/11 1:00	ND	0.10	0.75
2016/11/11 2:00	ND	0.10	0.82
2016/11/11 3:00	ND	0.09	0.81
2016/11/11 4:00	ND	0.10	0.88
2016/11/11 5:00	ND	0.10	0.77
2016/11/11 6:00	ND	0.08	0.88
2016/11/11 7:00	ND	0.10	0.88
2016/11/11 8:00	ND	0.12	0.91
2016/11/11 9:00	ND	0.12	0.97
2016/11/11 10:00	ND	0.10	0.96
2016/11/11 11:00	ND	0.13	0.89
2016/11/11 12:00	ND	0.15	0.86
2016/11/11 13:00	ND	0.10	0.83
2016/11/11 14:00	ND	0.08	0.78
2016/11/11 15:00	ND	0.08	0.80
2016/11/11 16:00	ND	0.11	0.89
2016/11/11 17:00	ND	0.12	0.98
2016/11/11 18:00	ND	0.08	0.82
2016/11/11 19:00	ND	0.12	0.86
2016/11/11 20:00	ND	0.12	0.89
2016/11/11 21:00	ND	0.12	0.94
2016/11/11 22:00	ND	0.11	0.84
2016/11/11 23:00	ND	0.10	0.80
Average	ND	0.10	0.85

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/12 0:00	ND	0.10	0.91
2016/11/12 1:00	ND	0.10	0.85
2016/11/12 2:00	ND	0.11	0.84
2016/11/12 3:00	ND	0.10	0.88
2016/11/12 4:00	ND	0.10	0.96
2016/11/12 5:00	ND	0.13	1.07
2016/11/12 6:00	ND	0.13	1.10
2016/11/12 7:00	ND	0.11	0.94
2016/11/12 8:00	ND	0.11	0.83
2016/11/12 9:00	ND	0.10	0.86
2016/11/12 10:00	ND	0.09	0.91
2016/11/12 11:00	ND	0.09	0.88
2016/11/12 12:00	ND	0.08	0.73
2016/11/12 13:00	ND	0.09	0.71
2016/11/12 14:00	9.45	0.09	0.76
2016/11/12 15:00	9.04	0.09	0.78
2016/11/12 16:00	ND	0.07	0.78
2016/11/12 17:00	ND	0.08	0.70
2016/11/12 18:00	ND	0.06	0.72
2016/11/12 19:00	ND	0.07	0.71
2016/11/12 20:00	ND	0.08	0.71
2016/11/12 21:00	ND	0.07	0.79
2016/11/12 22:00	ND	0.08	0.82
2016/11/12 23:00	ND	0.10	0.81
Average	9.25	0.09	0.84

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/13 0:00	ND	0.07	0.82
2016/11/13 1:00	ND	0.08	0.79
2016/11/13 2:00	ND	0.09	0.77
2016/11/13 3:00	ND	0.06	0.85
2016/11/13 4:00	ND	0.08	0.77
2016/11/13 5:00	ND	0.09	0.78
2016/11/13 6:00	ND	0.08	0.82
2016/11/13 7:00	ND	0.11	0.85
2016/11/13 8:00	ND	0.11	0.92
2016/11/13 9:00	ND	0.09	0.89
2016/11/13 10:00	ND	0.10	0.81
2016/11/13 11:00	ND	0.09	0.81
2016/11/13 12:00	ND	0.11	0.77
2016/11/13 13:00	ND	0.08	0.81
2016/11/13 14:00	ND	0.11	0.81
2016/11/13 15:00	ND	0.09	0.85
2016/11/13 16:00	ND	0.10	0.88
2016/11/13 17:00	ND	0.11	0.84
2016/11/13 18:00	ND	0.11	0.94
2016/11/13 19:00	ND	0.14	1.00
2016/11/13 20:00	ND	0.10	0.96
2016/11/13 21:00	ND	0.11	1.13
2016/11/13 22:00	ND	0.12	1.05
2016/11/13 23:00	ND	0.14	0.98
Average	ND	0.10	0.87

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/14 0:00	ND	0.11	1.04
2016/11/14 1:00	ND	0.11	0.97
2016/11/14 2:00	ND	0.11	0.93
2016/11/14 3:00	ND	0.13	0.96
2016/11/14 4:00	ND	0.12	1.05
2016/11/14 5:00	ND	0.14	1.16
2016/11/14 6:00	ND	0.13	1.19
2016/11/14 7:00	ND	0.15	1.20
2016/11/14 8:00	ND	0.14	1.19
2016/11/14 9:00	ND	0.14	1.26
2016/11/14 10:00	ND	0.12	1.09
2016/11/14 11:00	Inspection	Inspection	Inspection
2016/11/14 12:00	Inspection	Inspection	Inspection
2016/11/14 13:00	Inspection	Inspection	Inspection
2016/11/14 14:00	ND	0.12	0.94
2016/11/14 15:00	ND	0.09	0.96
2016/11/14 16:00	ND	0.10	0.92
2016/11/14 17:00	ND	0.10	0.93
2016/11/14 18:00	ND	0.11	0.89
2016/11/14 19:00	ND	0.11	0.91
2016/11/14 20:00	ND	0.12	0.90
2016/11/14 21:00	ND	0.10	0.96
2016/11/14 22:00	ND	0.11	1.00
2016/11/14 23:00	ND	0.13	0.91
Average	ND	0.12	1.02

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/15 0:00	ND	0.12	0.90
2016/11/15 1:00	ND	0.11	0.95
2016/11/15 2:00	ND	0.12	0.88
2016/11/15 3:00	ND	0.13	0.89
2016/11/15 4:00	ND	0.10	0.93
2016/11/15 5:00	8.77	0.09	0.90
2016/11/15 6:00	ND	0.11	0.89
2016/11/15 7:00	10.7	0.10	1.05
2016/11/15 8:00	ND	0.12	1.02
2016/11/15 9:00	ND	0.11	1.00
2016/11/15 10:00	ND	0.11	1.01
2016/11/15 11:00	ND	0.12	1.00
2016/11/15 12:00	9.73	0.12	0.96
2016/11/15 13:00	12.5	0.12	0.91
2016/11/15 14:00	ND	0.12	0.89
2016/11/15 15:00	ND	0.13	0.94
2016/11/15 16:00	14.5	0.14	1.13
2016/11/15 17:00	ND	0.14	1.18
2016/11/15 18:00	ND	0.14	1.07
2016/11/15 19:00	9.73	0.15	0.94
2016/11/15 20:00	ND	0.12	1.01
2016/11/15 21:00	ND	0.12	1.05
2016/11/15 22:00	ND	0.14	1.08
2016/11/15 23:00	ND	0.13	1.08
Average	11.0	0.12	0.99

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/16 0:00	ND	0.14	0.96
2016/11/16 1:00	8.77	0.13	1.02
2016/11/16 2:00	11.0	0.13	1.01
2016/11/16 3:00	ND	0.12	0.99
2016/11/16 4:00	ND	0.11	0.95
2016/11/16 5:00	ND	0.13	0.93
2016/11/16 6:00	ND	0.13	0.92
2016/11/16 7:00	ND	0.14	1.03
2016/11/16 8:00	ND	0.13	1.06
2016/11/16 9:00	ND	0.16	1.13
2016/11/16 10:00	ND	0.13	1.20
2016/11/16 11:00	ND	0.15	1.22
2016/11/16 12:00	ND	0.16	1.14
2016/11/16 13:00	ND	0.12	1.02
2016/11/16 14:00	ND	0.10	0.92
2016/11/16 15:00	ND	0.12	0.87
2016/11/16 16:00	ND	0.13	0.89
2016/11/16 17:00	ND	0.10	0.96
2016/11/16 18:00	ND	0.08	0.94
2016/11/16 19:00	ND	0.10	0.94
2016/11/16 20:00	ND	0.14	0.92
2016/11/16 21:00	ND	0.14	1.18
2016/11/16 22:00	10.5	0.17	1.15
2016/11/16 23:00	ND	0.15	1.10
Average	10.1	0.13	1.02

ND: The measured value is below the detection limit.

**For Remarks**  
 Detection Limits:  
 • Cesium 134: 0.02 Bq/L  
 • Cesium 137: 0.05 Bq/L  
 • Gross β: 8.7 Bq/L

**For Reference**  
 The following are the regulatory notification limits set according to the rules for security of nuclear facilities and protection of specific nuclear fuel at Fukushima Daiichi Nuclear Power Station:  
 • Cesium 134: 60 Bq/L  
 • Cesium 137: 90 Bq/L

**Radioactive Concentrations measured by Seawater Radiation Monitor near Fukushima Daiichi Nuclear Power Station (from November 17 to November 24, 2016)**

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/17 0:00	ND	0.15	1.17
2016/11/17 1:00	ND	0.16	1.21
2016/11/17 2:00	ND	0.12	1.18
2016/11/17 3:00	ND	0.11	1.06
2016/11/17 4:00	ND	0.11	1.01
2016/11/17 5:00	ND	0.14	0.89
2016/11/17 6:00	ND	0.13	0.88
2016/11/17 7:00	ND	0.09	1.00
2016/11/17 8:00	ND	0.11	0.93
2016/11/17 9:00	ND	0.12	0.96
2016/11/17 10:00	10.0	0.11	1.04
2016/11/17 11:00	ND	0.12	1.09
2016/11/17 12:00	ND	0.14	1.09
2016/11/17 13:00	ND	0.14	0.98
2016/11/17 14:00	ND	0.13	1.02
2016/11/17 15:00	ND	0.15	0.97
2016/11/17 16:00	ND	0.13	0.95
2016/11/17 17:00	11.2	0.11	0.95
2016/11/17 18:00	ND	0.13	0.96
2016/11/17 19:00	ND	0.13	0.98
2016/11/17 20:00	ND	0.11	1.14
2016/11/17 21:00	ND	0.12	1.08
2016/11/17 22:00	ND	0.15	1.17
2016/11/17 23:00	ND	0.18	1.32
Average	10.6	0.13	1.04

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/18 0:00	ND	0.15	1.42
2016/11/18 1:00	9.45	0.16	1.19
2016/11/18 2:00	ND	0.15	1.09
2016/11/18 3:00	ND	0.12	1.00
2016/11/18 4:00	ND	0.11	1.03
2016/11/18 5:00	ND	0.13	0.92
2016/11/18 6:00	ND	0.11	0.97
2016/11/18 7:00	ND	0.11	0.99
2016/11/18 8:00	ND	0.13	1.02
2016/11/18 9:00	ND	0.13	1.15
2016/11/18 10:00	ND	0.12	1.12
2016/11/18 11:00	ND	0.13	1.16
2016/11/18 12:00	ND	0.13	1.18
2016/11/18 13:00	ND	0.15	1.12
2016/11/18 14:00	ND	0.10	1.04
2016/11/18 15:00	ND	0.11	0.99
2016/11/18 16:00	ND	0.11	1.02
2016/11/18 17:00	ND	0.12	0.96
2016/11/18 18:00	ND	0.10	1.03
2016/11/18 19:00	ND	0.13	0.98
2016/11/18 20:00	ND	0.11	1.07
2016/11/18 21:00	ND	0.14	1.12
2016/11/18 22:00	ND	0.12	1.19
2016/11/18 23:00	ND	0.14	1.07
Average	9.45	0.12	1.08

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/19 0:00	ND	0.13	1.11
2016/11/19 1:00	ND	0.15	0.99
2016/11/19 2:00	ND	0.12	1.00
2016/11/19 3:00	ND	0.11	1.01
2016/11/19 4:00	ND	0.14	0.98
2016/11/19 5:00	ND	0.10	1.04
2016/11/19 6:00	ND	0.13	0.90
2016/11/19 7:00	ND	0.12	0.99
2016/11/19 8:00	8.77	0.16	0.95
2016/11/19 9:00	ND	0.13	1.13
2016/11/19 10:00	ND	0.14	1.25
2016/11/19 11:00	ND	0.14	1.18
2016/11/19 12:00	ND	0.18	1.18
2016/11/19 13:00	14.9	0.20	1.14
2016/11/19 14:00	ND	0.16	1.24
2016/11/19 15:00	ND	0.16	1.17
2016/11/19 16:00	ND	0.19	1.20
2016/11/19 17:00	ND	0.21	1.03
2016/11/19 18:00	ND	0.13	0.94
2016/11/19 19:00	ND	0.13	0.97
2016/11/19 20:00	10.0	0.13	0.92
2016/11/19 21:00	ND	0.13	1.01
2016/11/19 22:00	ND	0.10	1.08
2016/11/19 23:00	ND	0.11	1.15
Average	11.2	0.14	1.06

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/20 0:00	9.18	0.17	1.11
2016/11/20 1:00	ND	0.14	1.12
2016/11/20 2:00	ND	0.14	1.03
2016/11/20 3:00	ND	0.13	1.14
2016/11/20 4:00	ND	0.15	1.04
2016/11/20 5:00	ND	0.14	0.95
2016/11/20 6:00	ND	0.12	1.04
2016/11/20 7:00	ND	0.11	1.00
2016/11/20 8:00	ND	0.15	0.90
2016/11/20 9:00	ND	0.11	1.00
2016/11/20 10:00	ND	0.13	0.98
2016/11/20 11:00	ND	0.15	0.95
2016/11/20 12:00	9.18	0.15	0.98
2016/11/20 13:00	ND	0.13	1.19
2016/11/20 14:00	ND	0.16	1.17
2016/11/20 15:00	ND	0.16	1.12
2016/11/20 16:00	ND	0.14	1.14
2016/11/20 17:00	ND	0.16	1.15
2016/11/20 18:00	ND	0.14	1.25
2016/11/20 19:00	11.1	0.12	1.35
2016/11/20 20:00	ND	0.17	1.21
2016/11/20 21:00	ND	0.17	1.20
2016/11/20 22:00	ND	0.16	1.21
2016/11/20 23:00	ND	0.17	1.19
Average	9.82	0.14	1.10

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/21 0:00	ND	0.17	1.16
2016/11/21 1:00	ND	0.16	1.25
2016/11/21 2:00	ND	0.18	1.21
2016/11/21 3:00	ND	0.16	1.18
2016/11/21 4:00	ND	0.16	1.16
2016/11/21 5:00	ND	0.16	1.08
2016/11/21 6:00	ND	0.16	1.05
2016/11/21 7:00	ND	0.15	1.06
2016/11/21 8:00	ND	0.14	1.03
2016/11/21 9:00	ND	0.16	1.11
2016/11/21 10:00	ND	0.17	1.20
2016/11/21 11:00	Inspection	Inspection	Inspection
2016/11/21 12:00	Inspection	Inspection	Inspection
2016/11/21 13:00	Inspection	Inspection	Inspection
2016/11/21 14:00	Inspection	Inspection	Inspection
2016/11/21 15:00	Inspection	Inspection	Inspection
2016/11/21 16:00	Inspection	Inspection	Inspection
2016/11/21 17:00	ND	0.05	0.58
2016/11/21 18:00	ND	0.07	0.59
2016/11/21 19:00	9.32	0.07	0.58
2016/11/21 20:00	ND	0.06	0.56
2016/11/21 21:00	ND	0.08	0.60
2016/11/21 22:00	ND	0.09	0.62
2016/11/21 23:00	ND	0.07	0.76
Average	9.32	0.12	0.93

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/22 0:00	ND	0.08	0.78
2016/11/22 1:00	ND	0.08	0.85
2016/11/22 2:00	ND	0.10	0.64
2016/11/22 3:00	ND	0.08	0.53
2016/11/22 4:00	8.77	0.08	0.50
2016/11/22 5:00	13.4	0.04	0.57
2016/11/22 6:00	ND	0.08	0.41
2016/11/22 07:00	*	*	*
2016/11/22 08:00	*	*	*
2016/11/22 09:00	Inspection	Inspection	Inspection
2016/11/22 10:00	Inspection	Inspection	Inspection
2016/11/22 11:00	Inspection	Inspection	Inspection
2016/11/22 12:00	Inspection	Inspection	Inspection
2016/11/22 13:00	Inspection	Inspection	Inspection
2016/11/22 14:00	Inspection	Inspection	Inspection
2016/11/22 15:00	Inspection	Inspection	Inspection
2016/11/22 16:00	Inspection	Inspection	Inspection
2016/11/22 17:00	Inspection	Inspection	Inspection
2016/11/22 18:00	Inspection	Inspection	Inspection
2016/11/22 19:00	Inspection	Inspection	Inspection
2016/11/22 20:00	Inspection	Inspection	Inspection
2016/11/22 21:00	Inspection	Inspection	Inspection
2016/11/22 22:00	Inspection	Inspection	Inspection
2016/11/22 23:00	Inspection	Inspection	Inspection
Average	11.1	0.08	0.61

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/23 00:00	Inspection	Inspection	Inspection
2016/11/23 01:00	Inspection	Inspection	Inspection
2016/11/23 02:00	Inspection	Inspection	Inspection
2016/11/23 03:00	Inspection	Inspection	Inspection
2016/11/23 04:00	Inspection	Inspection	Inspection
2016/11/23 05:00	Inspection	Inspection	Inspection
2016/11/23 06:00	Inspection	Inspection	Inspection
2016/11/23 07:00	Inspection	Inspection	Inspection
2016/11/23 08:00	Inspection	Inspection	Inspection
2016/11/23 09:00	Inspection	Inspection	Inspection
2016/11/23 10:00	Inspection	Inspection	Inspection
2016/11/23 11:00	Inspection	Inspection	Inspection
2016/11/23 12:00	Inspection	Inspection	Inspection
2016/11/23 13:00	Inspection	Inspection	Inspection
2016/11/23 14:00	Inspection	Inspection	Inspection
2016/11/23 15:00	Inspection	Inspection	Inspection
2016/11/23 16:00	Inspection	Inspection	Inspection
2016/11/23 17:00	Inspection	Inspection	Inspection
2016/11/23 18:00	Inspection	Inspection	Inspection
2016/11/23 19:00	Inspection	Inspection	Inspection
2016/11/23 20:00	Inspection	Inspection	Inspection
2016/11/23 21:00	Inspection	Inspection	Inspection
2016/11/23 22:00	Inspection	Inspection	Inspection
2016/11/23 23:00	Inspection	Inspection	Inspection
Average	Inspection	Inspection	Inspection

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/24 00:00	Inspection	Inspection	Inspection
2016/11/24 01:00	Inspection	Inspection	Inspection
2016/11/24 02:00	Inspection	Inspection	Inspection
2016/11/24 03:00	Inspection	Inspection	Inspection
2016/11/24 04:00	Inspection	Inspection	Inspection
2016/11/24 05:00	Inspection	Inspection	Inspection
2016/11/24 06:00	Inspection	Inspection	Inspection
2016/11/24 07:00	Inspection	Inspection	Inspection
2016/11/24 08:00	Inspection	Inspection	Inspection
2016/11/24 09:00	Inspection	Inspection	Inspection
2016/11/24 10:00	Inspection	Inspection	Inspection
2016/11/24 11:00	Inspection	Inspection	Inspection
2016/11/24 12:00	Inspection	Inspection	Inspection
2016/11/24 13:00	Inspection	Inspection	Inspection
2016/11/24 14:00	ND	0.15	0.90
2016/11/24 15:00	ND	0.14	0.72
2016/11/24 16:00	ND	0.07	0.91
2016/11/24 17:00	ND	0.07	1.06
2016/11/24 18:00	ND	0.10	1.11
2016/11/24 19:00	ND	0.12	1.06
2016/11/24 20:00	ND	0.08	1.13
2016/11/24 21:00	ND	0.13	0.93
2016/11/24 22:00	ND	0.09	0.97
2016/11/24 23:00	ND	0.09	0.93
Average	ND	0.10	0.97

ND: The measured value is below the detection limit.

For Remarks  
 Detection Limits:  
 • Cesium 134: 0.02 Bq/L  
 • Cesium 137: 0.05 Bq/L  
 • Gross β: 8.7 Bq/L

For Reference  
 The following are the regulatory notification limits set according to the rules for security of nuclear facilities and protection of specific nuclear fuel at Fukushima Daiichi Nuclear Power Station:  
 • Cesium 134: 60 Bq/L  
 • Cesium 137: 90 Bq/L  
 \* The monitor automatically stopped its operations due to tidal variation from Tsunami, caused by the earthquake.

**Radioactive Concentrations measured by Seawater Radiation Monitor near Fukushima Daiichi Nuclear Power Station (from November 25 to November 30, 2016)**

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/25 0:00	9.73	0.10	0.95
2016/11/25 1:00	ND	0.12	0.82
2016/11/25 2:00	ND	0.07	0.89
2016/11/25 3:00	ND	0.09	0.94
2016/11/25 4:00	ND	0.10	1.00
2016/11/25 5:00	ND	0.11	0.97
2016/11/25 6:00	ND	0.13	1.18
2016/11/25 7:00	ND	0.11	1.10
2016/11/25 8:00	ND	0.10	1.01
2016/11/25 9:00	ND	0.14	0.88
2016/11/25 10:00	ND	0.09	0.94
2016/11/25 11:00	ND	0.08	0.74
2016/11/25 12:00	ND	0.06	0.74
2016/11/25 13:00	ND	0.04	0.76
2016/11/25 14:00	11.2	0.06	0.70
2016/11/25 15:00	ND	0.09	0.69
2016/11/25 16:00	ND	0.09	0.78
2016/11/25 17:00	ND	0.09	0.88
2016/11/25 18:00	ND	0.12	0.82
2016/11/25 19:00	ND	0.06	0.82
2016/11/25 20:00	ND	0.04	0.81
2016/11/25 21:00	ND	0.09	0.63
2016/11/25 22:00	ND	0.08	0.66
2016/11/25 23:00	ND	0.08	0.68
Average	10.5	0.09	0.85

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/26 0:00	ND	0.08	0.59
2016/11/26 1:00	ND	0.11	0.57
2016/11/26 2:00	ND	0.09	0.62
2016/11/26 3:00	ND	0.10	0.65
2016/11/26 4:00	ND	0.06	0.81
2016/11/26 5:00	ND	0.13	0.80
2016/11/26 6:00	ND	0.12	0.84
2016/11/26 7:00	ND	0.07	1.04
2016/11/26 8:00	ND	0.11	0.95
2016/11/26 9:00	ND	0.09	0.88
2016/11/26 10:00	ND	0.09	0.78
2016/11/26 11:00	ND	0.07	0.83
2016/11/26 12:00	ND	0.06	0.68
2016/11/26 13:00	ND	0.03	0.72
2016/11/26 14:00	ND	0.07	0.55
2016/11/26 15:00	ND	0.06	0.49
2016/11/26 16:00	ND	0.07	0.56
2016/11/26 17:00	9.45	0.05	0.75
2016/11/26 18:00	ND	0.11	0.79
2016/11/26 19:00	8.77	0.11	0.76
2016/11/26 20:00	ND	0.10	0.80
2016/11/26 21:00	ND	0.10	0.74
2016/11/26 22:00	ND	0.11	0.74
2016/11/26 23:00	ND	0.08	0.66
Average	9.11	0.09	0.73

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/27 0:00	ND	0.08	0.64
2016/11/27 1:00	ND	0.08	0.61
2016/11/27 2:00	ND	0.07	0.56
2016/11/27 3:00	ND	0.08	0.64
2016/11/27 4:00	ND	0.07	0.74
2016/11/27 5:00	ND	0.09	0.78
2016/11/27 6:00	ND	0.08	0.77
2016/11/27 7:00	ND	0.10	0.77
2016/11/27 8:00	ND	0.11	0.73
2016/11/27 9:00	ND	0.07	0.91
2016/11/27 10:00	ND	0.08	0.70
2016/11/27 11:00	ND	0.09	0.70
2016/11/27 12:00	ND	0.08	0.72
2016/11/27 13:00	ND	0.06	0.59
2016/11/27 14:00	ND	0.09	0.53
2016/11/27 15:00	ND	0.07	0.51
2016/11/27 16:00	ND	0.07	0.53
2016/11/27 17:00	ND	0.07	0.48
2016/11/27 18:00	ND	0.08	0.65
2016/11/27 19:00	ND	0.07	0.55
2016/11/27 20:00	ND	0.05	0.72
2016/11/27 21:00	ND	0.07	0.55
2016/11/27 22:00	ND	0.07	0.55
2016/11/27 23:00	ND	0.07	0.53
Average	ND	0.08	0.64

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/28 0:00	ND	0.07	0.54
2016/11/28 1:00	ND	0.09	0.53
2016/11/28 2:00	ND	0.05	0.62
2016/11/28 3:00	ND	0.09	0.51
2016/11/28 4:00	ND	0.06	0.67
2016/11/28 5:00	ND	0.07	0.54
2016/11/28 6:00	ND	0.05	0.76
2016/11/28 7:00	ND	0.07	0.62
2016/11/28 8:00	10.3	0.11	0.64
2016/11/28 9:00	8.77	0.09	0.66
2016/11/28 10:00	ND	0.10	0.63
2016/11/28 11:00	9.73	0.10	0.66
2016/11/28 12:00	ND	0.07	0.60
2016/11/28 13:00	ND	0.04	0.67
2016/11/28 14:00	ND	0.05	0.51
2016/11/28 15:00	ND	0.06	0.65
2016/11/28 16:00	ND	0.08	0.55
2016/11/28 17:00	ND	0.08	0.68
2016/11/28 18:00	ND	0.09	0.73
2016/11/28 19:00	ND	0.11	0.71
2016/11/28 20:00	ND	0.06	0.86
2016/11/28 21:00	ND	0.12	0.85
2016/11/28 22:00	ND	0.09	1.05
2016/11/28 23:00	ND	0.09	0.88
Average	9.60	0.08	0.67

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/29 0:00	ND	0.07	0.81
2016/11/29 1:00	ND	0.09	0.61
2016/11/29 2:00	12.9	0.07	0.64
2016/11/29 3:00	ND	0.03	0.79
2016/11/29 4:00	ND	0.04	0.79
2016/11/29 5:00	ND	0.07	0.93
2016/11/29 6:00	ND	0.12	0.86
2016/11/29 7:00	ND	0.11	0.88
2016/11/29 8:00	ND	0.12	0.87
2016/11/29 9:00	ND	0.11	0.89
2016/11/29 10:00	ND	0.09	1.03
2016/11/29 11:00	ND	0.09	1.03
2016/11/29 12:00	ND	0.10	0.88
2016/11/29 13:00	ND	0.09	0.72
2016/11/29 14:00	ND	0.06	0.85
2016/11/29 15:00	ND	0.10	0.71
2016/11/29 16:00	ND	0.10	0.64
2016/11/29 17:00	ND	0.08	0.95
2016/11/29 18:00	ND	0.12	0.86
2016/11/29 19:00	ND	0.11	0.91
2016/11/29 20:00	ND	0.09	1.04
2016/11/29 21:00	ND	0.08	1.05
2016/11/29 22:00	ND	0.09	1.09
2016/11/29 23:00	ND	0.10	1.05
Average	12.9	0.09	0.87

ND: The measured value is below the detection limit.

(Unit: Bq/L)			
Date	Gross β	Cs134	Cs137
2016/11/30 0:00	ND	0.10	0.98
2016/11/30 1:00	ND	0.07	0.83
2016/11/30 2:00	ND	0.06	0.67
2016/11/30 3:00	ND	0.06	0.72
2016/11/30 4:00	ND	0.05	0.79
2016/11/30 5:00	ND	0.08	0.63
2016/11/30 6:00	ND	0.06	0.82
2016/11/30 7:00	ND	0.07	0.93
2016/11/30 8:00	ND	0.07	0.79
2016/11/30 9:00	ND	0.06	0.87
2016/11/30 10:00	ND	0.09	0.77
2016/11/30 11:00	ND	0.10	0.73
2016/11/30 12:00	ND	0.05	0.89
2016/11/30 13:00	ND	0.07	0.57
2016/11/30 14:00	ND	0.07	0.52
2016/11/30 15:00	ND	0.03	0.63
2016/11/30 16:00	ND	ND	0.70
2016/11/30 17:00	ND	0.04	0.63
2016/11/30 18:00	ND	0.04	0.64
2016/11/30 19:00	ND	0.04	0.70
2016/11/30 20:00	ND	0.05	0.74
2016/11/30 21:00	ND	0.05	0.88
2016/11/30 22:00	ND	0.07	0.90
2016/11/30 23:00	ND	0.05	0.88
Average	ND	0.06	0.76

ND: The measured value is below the detection limit.

For Remarks  
 Detection Limits:  
 •Cesium 134: 0.02 Bq/L  
 •Cesium 137: 0.05 Bq/L  
 •Gross β: 8.7 Bq/L

For Reference  
 The following are the regulatory notification limits set according to the rules for security of nuclear facilities and protection of specific nuclear fuel at Fukushima Daiichi Nuclear Power Station:  
 •Cesium 134: 60 Bq/L  
 •Cesium 137: 90 Bq/L