

Detailed Analysis Results in the Port, around Discharge Channel and Bank Protection of Fukushima Daiichi NPS (As of August 1)

Groundwater observation hole No.1 (Bq/L)

Sampling date	2012/12/8 ^{*2}	2013/5/24	2013/5/31	2013/6/7 (1)	2013/6/7 (2)	2013/6/14 (1)	2013/6/14 (2)	2013/6/21	2013/6/25	2013/6/28	2013/7/1
Sampling time	11:00 AM	4:19 PM	3:01 PM	3:45 PM	3:45 PM	2:29 PM	2:29 PM	9:01 AM	1:39 PM	5:50 PM	3:05 PM
Cs-134	ND (0.59)	ND (0.45)	0.53	ND (0.42)	ND (0.40)	ND (0.37)	ND (0.37)	ND (0.36)	ND (0.39)	ND (0.40)	1.1
Cs-137	ND (0.72)	ND (0.45)	0.57	ND (0.53)	0.49	ND (0.43)	0.51	0.53	ND (0.49)	ND (0.43)	1.5
Ru-106	ND	26	19	19	21	18	19	16	20	16	ND
Mn-54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Co-60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sb-125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
All β	150	1,900	1,300	1,700	1,600	1,200	1,300	1,500	1,400	1,400	1,300
H-3	29,000	500,000	460,000	500,000	470,000	450,000	440,000	430,000	450,000	430,000	420,000
Sr-90	8.6	1,000	890	1,200	1,200	Under measuremen	Under measuremen	Under measuremen	—	—	—

*1 "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

*2 As of γ nuclide measurement, the amount is lower than true value since the high BG is in use.

Sampling date	2013/7/4	2013/7/8	2013/7/11	2013/7/15	2013/7/19	2013/7/22	2013/7/25	2013/7/29
Sampling time	11:50 AM	1:30 PM	12:51 PM	1:00 PM	8:02 AM	1:21 PM	1:15 PM	11:50 AM
Cs-134	ND (0.64)	ND (0.50)	ND (0.61)	ND (0.43)	ND (0.48)	ND (0.42)	ND (0.42)	ND (0.46)
Cs-137	ND (0.47)	ND (0.47)	1.0	ND (0.49)	0.73	ND (0.45)	ND (0.55)	ND (0.51)
Ru-106	24	16	15	18	17	ND	12	17
Mn-54	ND	ND	ND	ND	ND	ND	ND	ND
Co-60	ND	ND	ND	ND	0.50	ND	ND	ND
Sb-125	ND	ND	1.7	ND	ND	ND	ND	ND
All β	1,500	1,800	1,600	1,500	1,400	1,400	1,400	1,300
H-3	430,000	410,000	390,000	400,000	420,000	430,000	430,000	Under measuremen
Sr-90	—	—	—	—	—	—	Under measuremen	—

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.1-1 (Bq/L)

Sampling date	2013/6/28	2013/7/1	2013/7/5	2013/7/8
Sampling time	4:40 PM	4:05 PM	11:00 AM	2:35 PM
Cs-134	ND (0.41)	ND (0.44)	ND (0.42)	1.9
Cs-137	ND (0.51)	0.98	0.55	3.6
Ru-106	—	7.8	7.7	7.9
Mn-54	0.52	0.92	1.0	0.78
Co-60	ND	ND	ND	ND
Sb-125	ND	ND	ND	ND
All β	3,000	4,300	3,800	4,400
H-3	430,000	510,000	600,000	630,000
Sr-90	Under measuremen	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.1-2 (Bq/L)

Sampling date	2013/7/5	2013/7/8	2013/7/8 (Filtration)	2013/7/9	2013/7/9 (Filtration)	2013/7/9 (Residue)	2013/7/11	2013/7/11 (Filtration)	2013/7/15	2013/7/15 (Filtration)
Sampling time	12:10 PM	2:00 PM	2:00 PM	1:00 PM	1:00 PM	1:00 PM	1:25 PM	1:25 PM	1:23 PM	1:23 PM
Cs-134	99	9,000	94	11,000	130	10,000	8,200	98	5,900	ND (21)
Cs-137	210	18,000	190	22,000	270	20,000	17,000	150	12,000	ND (21)
Ru-106	95	ND	/	ND	/	/	ND	/	ND	/
Mn-54	62	25	/	ND	/	/	ND	/	ND	/
Co-60	1.2	3.1	/	ND	/	/	ND	/	ND	/
Sb-125	35	ND	/	ND	/	/	ND	/	250	/
All β	900,000	890,000	920,000	900,000	890,000	/	890,000	/	890,000	/
H-3	380,000	360,000	/	370,000	/	/	380,000	/	350,000	/
Sr-90	Under measurement	—	/	—	/	/	—	/	—	/

* "ND" indicates that the measurement result is below the detection limit.

Sampling date	2013/7/18	2013/7/18 (Filtration)	2013/7/22	2013/7/22 (Filtration)	2013/7/25	2013/7/25 (Filtration)	2013/7/29	2013/7/29 (Filtration)
Sampling time	1:23 PM	1:23 PM	1:47 PM	1:47 PM	2:00 PM	2:00 PM	12:10 PM	12:10 PM
Cs-134	5,400	ND (25)	3,500	50	2,600	ND (22)	1,300	ND (18)
Cs-137	11,000	ND (25)	7,300	71	5,400	25	2,700	ND (21)
Ru-106	ND	/	ND	/	ND	/	ND	/
Mn-54	ND	/	ND	/	ND	/	ND	/
Co-60	ND	/	ND	/	ND	/	ND	/
Sb-125	ND	/	ND	/	ND	/	180	/
All β	880,000	/	880,000	/	880,000	/	870,000	/
H-3	350,000	/	350,000	/	370,000	/	Under measurement	/
Sr-90	—	/	—	/	—	/	—	/

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.1-3 (Bq/L)

Sampling date	2013/7/12	2013/7/15	2013/7/18	2013/7/22	2013/7/25	2013/7/29
Sampling time	12:20 PM	1:20 PM	12:36 PM	12:33 PM	12:45 PM	11:26 AM
Cs-134	ND (0.66)	ND (0.46)	ND (0.39)	ND (0.46)	ND (0.44)	ND (0.44)
Cs-137	1.4	ND (0.54)	0.53	ND (0.58)	ND (0.62)	ND (0.47)
Ru-106	16	14	15	17	11	16
Mn-54	ND	ND	ND	ND	ND	ND
Co-60	ND	ND	ND	ND	ND	ND
Sb-125	1.4	ND	ND	ND	ND	ND
All β	92,000	100,000	120,000	150,000	150,000	150,000
H-3	290,000	250,000	270,000	260,000	260,000	Under measurement
Sr-90	Under measurement	—	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.1-4 (Bq/L)

Sampling date	2013/7/8	2013/7/11	2013/7/15	2013/7/18	2013/7/22	2013/7/25	2013/7/29
Sampling time	3:30 PM	12:25 PM	11:55 AM	12:03 PM	12:18 PM	12:00 PM	10:51 AM
Cs-134	1.5	0.91	ND (0.41)	0.67	ND (0.43)	0.49	0.48
Cs-137	3.6	2.0	0.67	1.0	1.1	0.88	1.1
Ru-106	ND	ND	ND	ND	ND	ND	ND
Mn-54	ND	ND	ND	ND	ND	ND	ND
Co-60	ND	ND	ND	ND	ND	ND	ND
Sb-125	ND	ND	ND	ND	ND	ND	ND
All β	330	250	67	50	110	110	78
H-3	69,000	98,000	60,000	42,000	46,000	50,000	Under measurement
Sr-90	Under measurement	—	—	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.1-5 (Bq/L)

Sampling date	2013/7/31
Sampling time	1:05 PM
Cs-134	21
Cs-137	44
Ru-106	ND
Mn-54	ND
Co-60	ND
Sb-125	ND
All β	1,200
H-3	28,000
Sr-90	Under measurement

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.2 (Bq/L)

Sampling date	2012/12/8 ²	2013/5/24	2013/5/31	2013/6/7 (1)	2013/6/7 (2)	2013/6/21	2013/6/26	2013/7/1	2013/7/4	2013/7/8	2013/7/9
Sampling time	11:00 AM	4:12 PM	3:16 PM	4:05 PM	4:05 PM	5:44 PM	2:30 PM	4:55 PM	1:05 PM	1:00 PM	12:25 PM
Cs-134	ND (0.61)	ND (0.37)	ND (0.41)	0.47	ND (0.37)	ND (0.32)	ND (0.40)	0.48	ND (0.39)	ND (0.49)	0.50
Cs-137	ND (0.81)	ND (0.41)	0.95	0.73	ND (0.48)	ND (0.37)	ND (0.48)	0.66	ND (0.46)	0.74	0.74
Ru-106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mn-54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Co-60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sb-125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
All β	55	53	76	ND (18)	ND (18)	53	170	260	93	1,700	910
H-3	410	380	340	390	340	560	850	740	530	730	670
Sr-90	8.2	28	54	5.2	5.1	Under measurement	—	—	—	—	—

*1 "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

*2 As of γ nuclide measurement, the amount is lower than true value since the high BG is in use.

Sampling date	2013/7/11	2013/7/15	2013/7/18	2013/7/22	2013/7/25	2013/7/29
Sampling time	11:30 AM	10:50 AM	11:22 AM	11:37 AM	11:04 AM	11:30 AM
Cs-134	ND (0.47)	ND (0.37)	ND (0.36)	ND (0.44)	ND (0.39)	ND (0.40)
Cs-137	1.2	ND (0.44)	0.50	ND (0.53)	0.46	ND (0.47)
Ru-106	ND	ND	ND	ND	ND	ND
Mn-54	ND	ND	ND	ND	ND	ND
Co-60	ND	ND	ND	ND	ND	ND
Sb-125	ND	ND	ND	ND	ND	ND
All β	1,400	49	1,100	430	330	400
H-3	410	530	540	710	500	Under measurement
Sr-90	—	—	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.2-1 (Bq/L)

Sampling date	2013/7/25	2013/7/29
Sampling time	11:28 AM	10:53 AM
Cs-134	ND (0.42)	ND (0.43)
Cs-137	0.69	1.0
Ru-106	ND	ND
Mn-54	ND	ND
Co-60	ND	ND
Sb-125	ND	ND
All β	ND (17)	380
H-3	120	Under measurement
Sr-90	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

Groundwater observation hole No.3 (Bq/L)

Sampling date	2012/12/12 ²	2013/5/24	2013/5/31	2013/6/7 ⁽¹⁾	2013/6/7 ⁽²⁾	2013/6/21	2013/6/26	2013/7/4	2013/7/11	2013/7/18	2013/7/25
Sampling time	11:00 AM	4:52 PM	3:32 PM	3:58 PM	3:58 PM	5:01 PM	3:50 PM	2:00 PM	10:55 AM	10:45 AM	1:30 PM
Cs-134	ND (0.60)	0.87	1.6	0.9	0.5	1.7	0.96	1.5	1.9	1.2	3.5
Cs-137	ND (0.79)	1.4	2.7	2.0	1.6	2.9	2.9	2.8	4.8	3.1	3.9
Ru-106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mn-54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Co-60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sb-125	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
All β	41	18	ND (17)	ND (18)	ND (18)	ND (17)	ND (21)	ND (18)	1,400	76	ND (17)
H-3	3,200	2,200	1,800	1,800	1,800	1,600	1,600	1,500	1,700	1,700	1,700
Sr-90	8.3	ND (1.0)	0.25	ND (0.24)	ND (0.27)	Under measurement	—	—	—	—	—

*1 "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

*2 As of γ nuclide measurement, the amount is lower than true value since the high BG is in use.

Groundwater observation hole No.3-1 (Bq/L)

Sampling date	2013/7/23	2013/7/25
Sampling time	11:10 AM	3:15 PM
Cs-134	1.1	1.2
Cs-137	2.2	2.2
Ru-106	ND	ND
Mn-54	ND	ND
Co-60	ND	ND
Sb-125	ND	ND
All β	ND (19)	ND (18)
H-3	290	310
Sr-90	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

North side of Unit 5,6 discharge channel (Bq/L)

Sampling date	2013/6/21	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	7:25 AM	11:25 AM	6:55 AM	6:15 AM	6:05 AM	5:50 AM	5:55 AM
Cs-134	1.8	ND (1.9)	ND (1.2)	1.4	ND (1.2)	ND (1.3)	ND (0.92)
Cs-137	2.1	3.3	1.2	2.5	1.5	2.5	ND (1.4)
All β	—	ND (22)	ND (17)	ND (19)	ND (22)	ND (23)	ND (19)
H-3	—	8.6	4.9	3.7	5.5	ND (3.2)	Under measurement
Sr-90	—	5.8	—	—	—	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

In front of Unit 6 water intake channel, seawater (Bq/L)

Sampling date	2013/6/25	2013/7/2	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	7:15 AM	6:25 AM	6:30 AM	6:15 AM	5:50 AM	6:15 AM
Cs-134	ND (3.3)	ND (1.7)	ND (2.2)	ND (1.6)	ND (1.4)	ND (2.4)
Cs-137	ND (2.1)	2.6	ND (1.9)	3.1	ND (1.3)	ND (2.3)
All β	ND (18)	20	ND (17)	ND (22)	ND (21)	ND (19)
H-3	6.0	8.2	ND (3.1)	11	ND (3.2)	Under measurement
Sr-90	—	—	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

In front of shallow draft quay, seawater (Bq/L)

Sampling date	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	6:06 AM	6:03 AM	5:31 AM	5:30 AM	5:25 AM	5:34 AM
Cs-134	ND (1.8)	1.9	ND (1.8)	ND (2.3)	ND (1.9)	ND (1.7)
Cs-137	2.3	5.6	5.1	5.7	ND (2.2)	2.2
All β	ND (18)	40	19	35	ND (21)	ND (19)
H-3	340	ND (120)	ND (120)	ND (120)	ND (120)	Under measurement
Sr-90	7.4	—	—	—	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

North side of Unit 1-4 water intake channel, seawater (Bq/L)

Sampling date	2013/1/14	2013/2/11	2013/3/11	2013/4/15	2013/5/13	2013/6/10	2013/6/21	2013/6/24	2013/6/26	2013/6/28	2013/7/1
Sampling time	7:00 AM	6:32 AM	6:27 AM	6:12 AM	5:59 AM	6:01 AM	6:18 AM	5:50 PM	6:13 AM	6:27 AM	6:26 AM
Cs-134	3.5	3.7	31	ND (2.5)	9.2	7.3	12	—	18	15	13
Cs-137	5.7	10	56	6.0	16	14	28	—	28	33	28
All β	170	260	230	140	490	290	310	—	260	230	420
H-3	110	170	120	110	290	500	1,100	1,500	760	760	2,200
Sr-90	—	—	—	—	—	—	Under measurement	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Sampling date	2013/7/3	2013/7/5	2013/7/7	2013/7/9	2013/7/11	2013/7/14	2013/7/16	2013/7/18	2013/7/21	2013/7/23	2013/7/25
Sampling time	6:08 AM	6:17 AM	6:11 AM	6:09 AM	6:46 AM	6:11 AM	6:08 AM	6:06 AM	5:51 AM	6:23 AM	6:11 AM
Cs-134	13	6.3	8.0	11	12	14	19	14	16	18	18
Cs-137	23	17	18	24	29	32	43	35	29	40	32
All β	310	130	160	230	220	330	500	380	250	240	470
H-3	2,300	490	760	930	940	2,200	2,300	1,900	1,100	990	1,300
Sr-90	—	—	—	—	—	—	—	—	—	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

Sampling date	2013/7/28	2013/7/30
Sampling time	6:13 AM	6:04 AM
Cs-134	24	21
Cs-137	46	49
All β	660	480
H-3	3,100	Under measurement
Sr-90	—	—

* "ND" indicates that the measurement result is below the detection limit.

North side of Unit 1-4 water intake channel (north side of the east seawall break), seawater (Bq/L)

Sampling date	2013/6/27	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	9:50 AM	6:50 AM	6:17 AM	6:12 AM	6:14 AM	6:15 AM
Cs-134	6.1	3.3	ND (1.4)	7.7	ND (1.8)	ND (2.5)
Cs-137	13	8.2	ND (1.7)	18	ND (1.8)	ND (1.9)
All β	200	99	22	250	ND (21)	21
H-3	180	140	ND (120)	460	ND (120)	Under measurement
Sr-90	Under measurement	—	—	—	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

Unit 1 screen (inside the silt fence), seawater (Bq/L)

Sampling date	2013/6/21	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	6:23 AM	6:18 AM	6:13 AM	5:45 AM	5:43 AM	5:38 AM	5:44 AM
Cs-134	6.9	8.9	5.4	3.4	17	4.8	16
Cs-137	15	20	13	12	37	8.4	34
All β	160	170	140	89	320	79	330
H-3	480	530	420	180	1,300	320	Under measurement
Sr-90	Under measurement	—	—	—	—	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

Between the water intake channel of Unit 1 and Unit 2, seawater (Surface layer) (Bq/L)

Sampling date	2013/6/14	2013/6/21	2013/6/24	2013/6/26 Surface layer	2013/6/28 Surface layer	2013/7/1 Surface layer	2013/7/3 Surface layer	2013/7/5 Surface layer	2013/7/7 Surface layer	2013/7/9 Surface layer	2013/7/11 Surface layer
Sampling time	1:20 PM	11:00 AM	6:00 PM	4:55 PM	11:34 AM	6:04 AM	6:15 AM	6:25 AM	6:22 AM	6:18 AM	6:58 AM
Cs-134	—	9.4	—	6.2	8.5	4.9	5.3	5.6	6.8	ND (2.1)	5.6
Cs-137	—	19	—	11	19	11	9.3	12	15	3.4	13
All β	—	330	—	260	180	200	130	150	180	65	110
H-3	600	910	420	200	230	170	230	330	570	170	ND (120)
Sr-90	—	Under measurement	—	—	—	—	—	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Sampling date	2013/7/14 Surface layer	2013/7/16 Surface layer	2013/7/18 Surface	2013/7/21 Surface	2013/7/23 Surface	2013/7/25 Surface	2013/7/28 Surface	2013/7/30 Surface
Sampling time	6:20 AM	6:16 AM	6:14 AM	5:59 AM	6:33 AM	6:26 AM	6:22 AM	6:13 AM
Cs-134	7.9	11	9.5	3.3	15	14	15	17
Cs-137	20	25	23	8.5	27	27	38	35
All β	200	310	320	96	120	290	330	340
H-3	560	800	420	390	580	880	1,800	Under measurement
Sr-90	—	—	—	—	Under measurement	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Between the water intake channel of Unit 1 and Unit 2, seawater (Lower layer) (Bq/L)

Sampling date	2013/6/26 Lower layer	2013/6/28 Lower layer	2013/7/1 Lower layer	2013/7/3 Lower layer	2013/7/5 Lower layer	2013/7/7 Lower layer	2013/7/9 Lower layer	2013/7/11 Lower layer	2013/7/14 Lower layer	2013/7/16 Lower layer	2013/7/18 Lower layer
Sampling time	4:55 PM	11:36 AM	6:04 AM	6:15 AM	6:25 AM	6:22 AM	6:18 AM	6:58 AM	6:20 AM	6:16 AM	6:14 AM
Cs-134	6.2	7.5	5.7	3.0	6.8	4.9	2.0	2.6	9.6	7.5	7.0
Cs-137	9.3	17	14	8.9	14	6.9	3.6	8.0	18	13	14
All β	210	180	180	120	180	220	51	58	180	450	320
H-3	360	340	ND (120)	ND (120)	170	210	ND (120)	500	460	390	420
Sr-90	Under measurement	—	—	—	—	—	—	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Sampling date	2013/7/21 Lower layer	2013/7/23 Lower layer	2013/7/25 Lower layer	2013/7/28 Lower layer	2013/7/30 Lower layer
Sampling time	5:59 AM	6:33 AM	6:26 AM	6:22 AM	6:13 AM
Cs-134	ND (1.6)	9.9	4.3	2.3	2.5
Cs-137	3.2	19	6.8	8.6	8.4
All β	19	100	170	93	97
H-3	ND (120)	370	230	690	Under measurement
Sr-90	—	Under measurement	—	—	—

* "ND" indicates that the measurement result is below the detection limit.

Unit 2 screen (inside the silt fence), seawater (Bq/L)

Sampling date	2013/6/21	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	6:29 AM	6:24 AM	6:27 AM	5:51 AM	5:48 AM	5:45 AM	5:50 AM
Cs-134	7.1	11	16	ND (1.8)	14	ND (1.9)	6.8
Cs-137	14	23	34	5.1	27	ND (1.9)	18
All β	230	260	220	26	250	ND (21)	140
H-3	290	320	250	ND (120)	440	ND (120)	Under measurement
Sr-90	Under measurement	—	—	—	—	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

Between the water intake channel of Unit 2 and Unit 3, seawater (Bq/L)

Sampling date	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	6:51 AM	6:30 AM	5:56 AM	5:53 AM	5:49 AM	5:54 AM
Cs-134	8.8	6.0	4.6	9.3	ND (1.7)	8.4
Cs-137	18	14	15	18	ND (1.8)	23
All β	220	140	40	250	ND (21)	160
H-3	350	ND (120)	ND (120)	460	ND (120)	Under measurement
Sr-90	Under measurement	—	—	—	Under measurement	—

* "ND" indicates that the measurement result is below the detection limit.

Unit 3 screen (inside the silt fence), seawater (Bq/L)

Sampling date	2013/6/21	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/16	2013/7/22	2013/7/29
Sampling time	6:33 AM	6:30 AM	6:36 AM	6:01 AM	5:59 AM	6:32 AM	11:13 AM	5:57 AM
Cs-134	64	59	32	8.3	350	190	31	7.6
Cs-137	110	120	68	16	770	380	63	19
All β	270	310	230	72	1,000	610	120	96
H-3	220	190	ND (120)	ND (120)	ND (120)	-	ND (120)	Under measurement
Sr-90	Under measurement	-	-	-	-	-	Under measurement	-

* "ND" indicates that the measurement result is below the detection limit.

Between the water intake channel of Unit 3 and Unit 4, seawater (Bq/L)

Sampling date	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	6:47 AM	6:38 AM	6:06 AM	6:00 AM	6:02 AM	6:02 AM
Cs-134	9.9	7.3	2.6	12	ND (2.0)	11
Cs-137	23	16	7.0	26	ND (2.0)	22
All β	230	130	18	260	ND (21)	120
H-3	250	ND (120)	ND (120)	430	ND (120)	Under measurement
Sr-90	Under measurement	-	-	-	Under measurement	-

* "ND" indicates that the measurement result is below the detection limit.

Unit 4 screen (inside the silt fence), seawater (Bq/L)

Sampling date	2013/6/21	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	6:37 AM	6:35 AM	6:42 AM	6:04 AM	6:02 AM	11:16 AM	6:00 AM
Cs-134	31	34	17	46	43	12	30
Cs-137	70	65	36	93	89	26	64
All β	250	220	160	130	300	49	200
H-3	ND (210)	260	ND (120)	ND (120)	180	ND (120)	Under measurement
Sr-90	Under measurement	-	-	-	-	Under measurement	-

* "ND" indicates that the measurement result is below the detection limit.

Around the south discharge channel (Bq/L)

Sampling date	2013/6/21	2013/6/26	2013/7/3	2013/7/8	2013/7/15	2013/7/22	2013/7/29
Sampling time	7:15 AM	11:15 AM	5:10 AM	5:15 AM	10:45 AM	5:15 AM	5:15 AM
Cs-134	ND (1.0)	ND (1.1)	ND (1.2)	ND (0.93)	ND (1.2)	ND (1.2)	ND (1.0)
Cs-137	2.0 (1.3)	ND (1.3)	ND (1.2)	ND (1.1)	3.0 (1.1)	ND (1.4)	ND (1.3)
All β	ND (19)	ND (22)	ND (18)	ND (18)	ND (21)	ND (20)	ND (21)
H-3	-	ND (2.9)	ND (3.0)	ND (3.1)	ND (2.9)	ND (3.2)	Under measurement
Sr-90	-	0.36	-	-	-	Under measurement	-

* "ND" indicates that the measurement result is below the detection limit.

Port entrance, seawater (Bq/L)

Sampling date	2013/6/20	2013/6/26	2013/7/4	2013/7/9	2013/7/17	2013/7/22	2013/7/31
Sampling time	1:18 PM	2:19 PM	3:19 PM	10:29 AM	12:20 PM	11:32 AM	7:38 AM
Cs-134	ND (1.3)	ND (1.9)	ND (1.7)	ND (2.0)	ND (2.2)	ND (1.9)	ND (2.1)
Cs-137	ND (1.2)	3.7	ND (2.0)	ND (2.6)	ND (2.0)	ND (2.0)	ND (1.9)
All β	15	31	ND (22)	ND (19)	ND (20)	ND (18)	ND (20)
H-3	5.0	29	ND (3.6)	4.2	4.8	ND (3.0)	Under measurement
Sr-90	3.5	-	-	-	-	Under measurement	-

* "ND" indicates that the measurement result is below the detection limit.

East side in the port, seawater (Bq/L)

Sampling date	2013/6/26	2013/7/4	2013/7/9	2013/7/17	2013/7/22	2013/7/31
Sampling time	2:22 PM	10:32 AM	10:34 AM	2:40 PM	11:41 AM	7:43 AM
Cs-134	ND (2.4)	ND (2.3)	ND (2.0)	ND (1.7)	ND (2.3)	ND (1.6)
Cs-137	ND (2.4)	3.3	ND (2.4)	ND (2.5)	ND (2.1)	ND (2.4)
All β	33	40	ND (19)	ND (20)	ND (18)	ND (20)
H-3	14	44	ND (2.9)	7.0	ND (3.0)	Under measurement
Sr-90	Under measurement	-	-	-	-	-

* "ND" indicates that the measurement result is below the detection limit.

West side in the port, seawater (Bq/L)

Sampling date	2013/6/26	2013/7/4	2013/7/9	2013/7/17	2013/7/22	2013/7/31
Sampling time	2:25 PM	10:37 AM	10:38 AM	2:47 PM	11:50 AM	7:48 AM
Cs-134	ND (2.5)	ND (2.2)	ND (2.0)	ND (2.2)	ND (2.2)	ND (1.5)
Cs-137	3.3	ND (2.6)	ND (1.9)	2.4	ND (2.2)	ND (2.4)
All β	43	60	ND (19)	ND (20)	ND (18)	ND (20)
H-3	26	37	4.7	20	ND (3.0)	Under measuremen
Sr-90	Under measuremen	—	—	—	—	—

* "ND" indicates that the measurement result is below the detection limit.