The result of seawater nuclide analysis

Sampling Time & Date	6:30am, 22nd March			
Sampling Location	Southern discharge canal of 1F (Approximately 330m south of Unit1,2,3,4 discharge canal)			
Measuring method	500ml of the sample was taken to F2 for the measurement by germanium semiconductor detector.			
Measuring time	1,000 sec.			
Detected nuclide	①Concentration (Bq/cm^3)	②Concentration limit for detection (Bq/cm^3)	③Concentration limit noticed by the Nuclear Reactor Regulation Law Bq/cm^3 (Appendix 2, Section 6; Concentration limit of water outside of the monitoring periphery)	Concentration ratio(①/③)
Co-58	1.668E-02	2.138E-02	1E+00	0.0
I-131	1.190E+00	2.293E-02	4E-02	29.8
I-132	1.362E+00	7.721E-02	3E+00	0.5
Cs-134	1.504E-01	1.769E-02	6E-02	2.5
Cs-136	2.350E-02	1.056E-02	3E-01	0.1
Cs-137	1.535E-01	1.626E-02	9E-02	1.7

The result of seawater nuclide analysis

Sampling Time & Date	12:38am, 22nd March			
Sampling Location	2F, at the mouth of Tomioka river (Approximately 2,000m north of Unit 3,4 discharge canal)			
Measuring method	500ml of the sample measured by germanium semiconductor detector.			
Measuring time	1,000 sec.			
Detected nuclide	①Concentration (Bq/cm^3)	②Concentration limit for detection (Bq/cm^3)	③Concentration limit noticed by the Nuclear Reactor Regulation Law Bq/cm^3 (Appendix 2, Section 6; Concentration limit of water outside of the monitoring periphery)	Concentration ratio(①/③)
Co-58	1.028E-02	1.253E-02	1E+00	0.0
I-131	3.211E+00	1.694E-02	4E-02	80.3
I-132	8.761E-01	4.236E-02	3E+00	0.3
Cs-134	7.535E-02	1.102E-02	6E-02	1.3
Cs-136	1.159E-02	7.718E-03	3E-01	0.0
Cs-137	7.760E-02	1.186E-02	9E-02	0.9

The result of seawater nuclide analysis

Sampling Time & Date	11:15pm, 21st March			
Sampling Location	Northern discharge canal of 2F (Around unit 3 and 4 discharge canal) (Approximately 10,000m from 1F)			
Measuring method	500ml of the sample measured by germanium semiconductor detector.			
Measuring time	1,000 sec.			
Detected nuclide	①Concentration (Bq/cm^3)	②Concentration limit for detection (Bq/cm^3)	③Concentration limit noticed by the Nuclear Reactor Regulation Law Bq/cm^3 (Appendix 2, Section 6; Concentration limit of water outside of the monitoring periphery)	Concentration ratio(①/③)
Co-58	5.704E-03	7.570E-03	1E+00	0.0
I-131	1.085E+00	1.284E-02	4E-02	27.1
I-132	1.597E-01	4.392E-02	3E+00	0.1
Cs-134	4.815E-02	9.213E-03	6E-02	0.8
Cs-136	6.682E-03	4.722E-03	3E-01	0.0
Cs-137	5.283E-02	8.822E-03	9E-02	0.6

The result of seawater nuclide analysis

Sampling Time & Date	11:45pm, 21st March			
Sampling Location	2F Iwasawa Coast (At approximately 7,000m south of unit 1 and 2 discharge canal) (Approximately 16,000m from 1F)			
Measuring method	500ml of the sample measured by germanium semiconductor detector.			
Measuring time	1,000 sec.			
Detected nuclide	①Concentration (Bq/cm^3)	②Concentration limit for detection (Bq/cm^3)	③Concentration limit noticed by the Nuclear Reactor Regulation Law Bq/cm^3 (Appendix 2, Section 6; Concentration limit of water outside of the monitoring periphery)	Concentration ratio(①/③)
Co-58	検出限界以下	6.845E-03	1E+00	-
I-131	6.558E-01	1.226E-02	4E-02	16.4
I-132	1.205E-01	4.146E-02	3E+00	0.0
Cs-134	3.110E-02	8.657E-03	6E-02	0.5
Cs-136	5.474E-03	4.840E-03	3E-01	0.0
Cs-137	3.292E-02	8.303E-03	9E-02	0.4