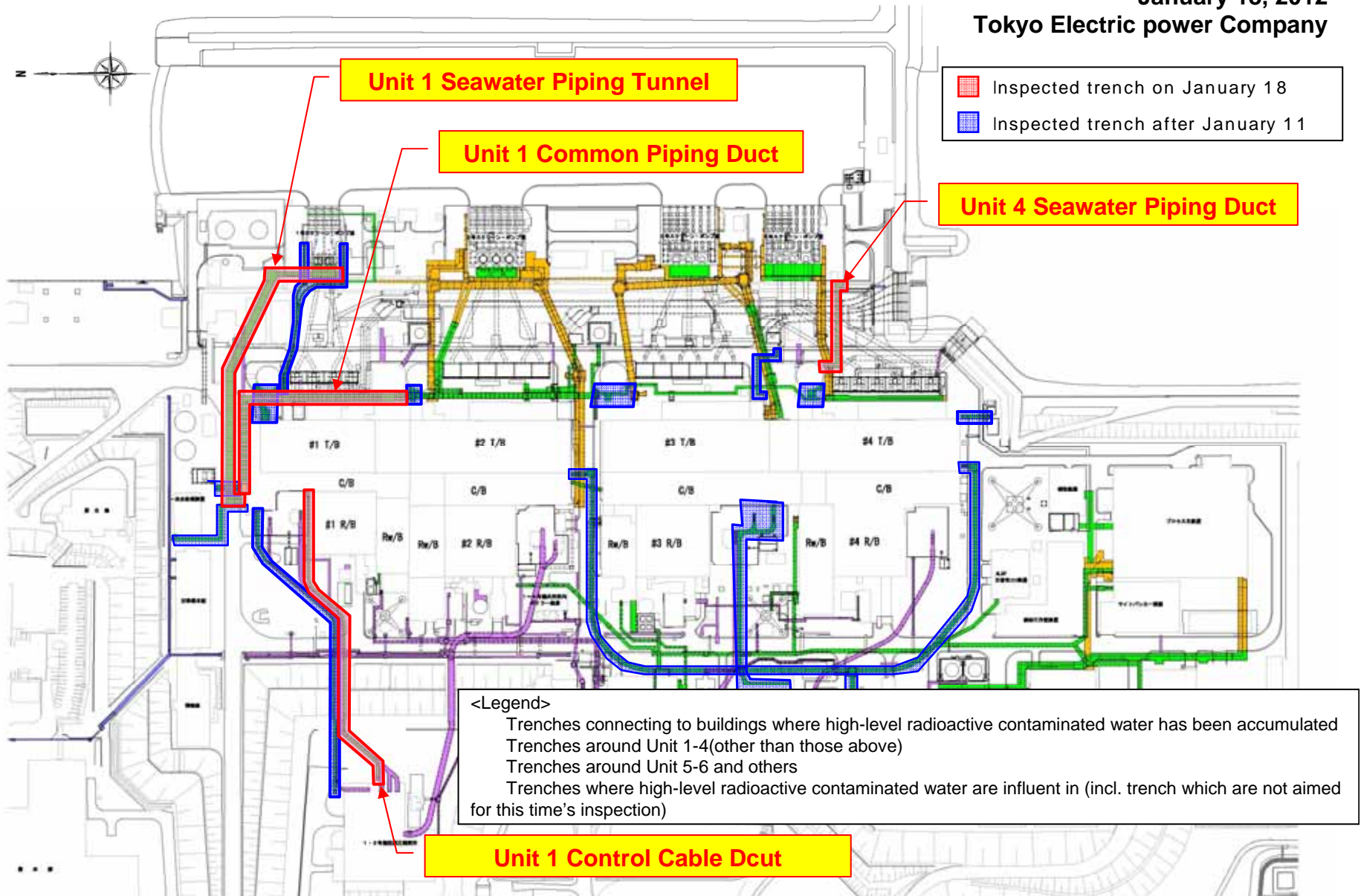


Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result, January 18, 2012)

January 18, 2012
Tokyo Electric power Company



Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result of the Unit 1 Seawater Piping Tunnel, January 18, 2012)

January 18, 2012
Tokyo Electric Power Company

【Result】

We found a puddle in today's inspection.

【Date】

Around 10:50 am, on January 18, 2012

【Place】

The Unit 1 Seawater Piping Tunnel

【Amount of the puddle】

Under evaluation

【Surface dose rate of the container of the collected water】

Around 0.0013mSv/h (Around 1.3 μ Sv/h)

【Preliminary nuclide analysis results】

The nuclide analysis results of the collected water are as follows.

Nuclide	Radioactivity Concentration (Bq/cm ³)	Measurable Limits (Bq/cm ³)	Half-life
I-131	ND	3.2 X 10 ⁻²	Around 8 days
Cs-134	2.9 X 10 ⁻¹	5.8 X 10 ⁻²	Around 2 years
Cs-137	4.4 X 10 ⁻¹	7.1 X 10 ⁻²	Around 30 years

Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result of the Unit 1 Common Piping Duct, January 18, 2012)

January 18, 2012
Tokyo Electric Power Company

【Result】

We found a puddle in today's inspection.

【Date】

Around 10:50 am, on January 18, 2012

【Place】

The Unit 1 Common Piping Duct

【Amount of the puddle】

Under evaluation

【Surface dose rate of the container of the collected water】

Around 0.0010mSv/h (Around 1.0 μ Sv/h)

【Preliminary nuclide analysis results】

The nuclide analysis results of the collected water are as follows.

Nuclide	Radioactivity Concentration (Bq/cm ³)	Measurable Limits (Bq/cm ³)	Half-life
I-131	ND	1.1 X 10 ⁻¹	Around 8 days
Cs-134	1.0 X 10 ⁻¹	1.1 X 10 ⁻¹	Around 2 years
Cs-137	1.5 X 10 ⁻¹	9.9 X 10 ⁻²	Around 30 years

Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result of the Unit 1 Control Cable Duct, January 18, 2012)

January 18, 2012
Tokyo Electric Power Company

【Result】

We found a puddle in today's inspection.

【Date】

Around 10:10 am, on January 18, 2012

【Place】

The Unit 1 Control Cable Duct

【Amount of the puddle】

Under evaluation

【Surface dose rate of the container of the collected water】

Around 0.0045mSv/h (Around 4.5 μ Sv/h)

【Preliminary nuclide analysis results】

The nuclide analysis results of the collected water are as follows.

Nuclide	Radioactivity Concentration (Bq/cm ³)	Measurable Limits (Bq/cm ³)	Half-life
I-131	ND	3.4 X 10 ⁻²	Around 8 days
Cs-134	4.8 X 10 ⁻¹	6.3 X 10 ⁻²	Around 2 years
Cs-137	7.1 X 10 ⁻¹	7.5 X 10 ⁻²	Around 30 years

**Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power
Station (Preliminary Result of the Unit 4 Seawater Piping Duct, January 18, 2012)**

January 18, 2012
Tokyo Electric Power Company

【Result】

We Confirmed that there was no puddle in today's inspection.

【Date】

Around 9:40 am, on January 18, 2012

【Place】

The Unit 4 Seawater Piping Duct

Inspection Status View of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result)

January 18, 2012
Tokyo Electric Power Company

【 Inspection area 】

Fukushima Daiichi Nuclear Power Station Unit 1-4, trenches etc. connected to the centralized radiation waste treatment facility building

Date of Inspection	Place	Puddle	Surface dose rate	Result of nuclide analysis (Bq/cm ³)		
				I-131	Cs-134	Cs-137
Jan. 11	DG connecting duct of Unit 2-4	Discovered	9.0μSv/h	ND	1.9 × 10 ⁰	2.6 × 10 ⁰
	Connecting duct between water treatment building – Unit 1 T/B	Discovered	1.5μSv/h	ND	8.8 × 10 ⁻¹	1.3 × 10 ⁰
Jan. 12	Unit 1 chemical tank connecting duct	Discovered	1.2μSv/h	ND	2.4 × 10 ⁰	3.5 × 10 ⁰
	Unit 3 cable duct for start-up transformer	Discovered	1.6μSv/h	ND	4.9 × 10 ¹	6.9 × 10 ¹
	Unit 3 Radioactive Fluid Piping Duct	Not discovered	-	-	-	-
Jan. 13	Unit 1 Radioactive Fluid Piping Duct	Discovered	9.0μSv/h	ND	1.4 × 10 ⁰	1.9 × 10 ⁰
	Unit 4 Radioactive Fluid Piping Duct	Discovered	2.5μSv/h	ND	2.2 × 10 ¹	2.8 × 10 ¹
Jan. 16	Unit 1 Water Intake Power Cable Duct	Discovered	5.5μSv/h	ND	2.3 × 10 ⁰	3.2 × 10 ⁰
Jan. 17	Unit 1 Standby Power Cable Duct	Discovered	10 μSv/h	ND	5.4 × 10 ⁻¹	8.0 × 10 ⁻¹
	Unit 2 Radioactive Fluid Piping Duct	Not discovered	-	-	-	-
	Unit 3 Chemical Tank Connection Duct	Not discovered	-	-	-	-
	Unit 4 Chemical Tank Connecting Duct	Discovered	3.0 μ3Sv/h	ND	1.3 × 10 ⁰	1.7 × 10 ⁰