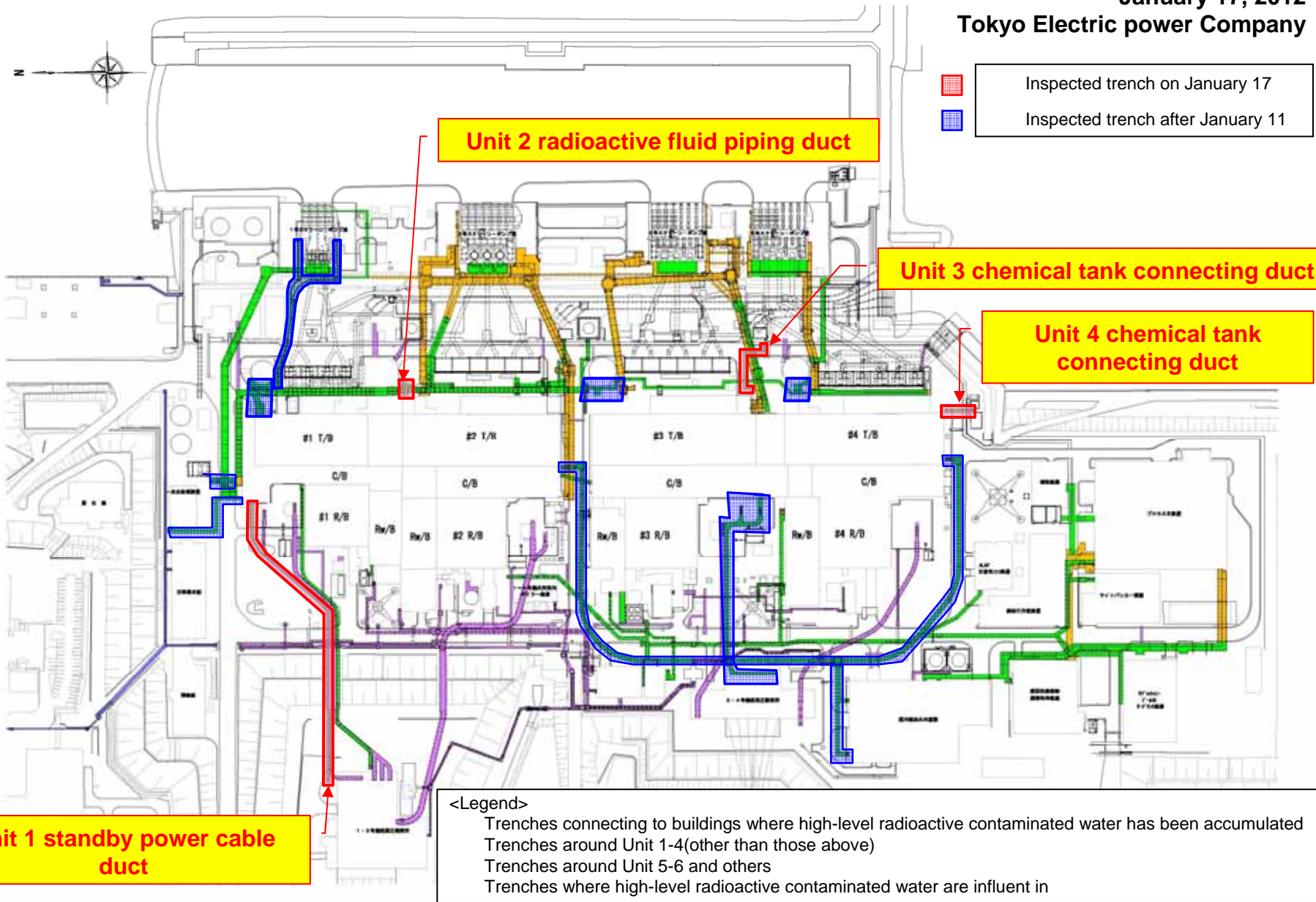


Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result, January 17, 2012)

January 17, 2012

Tokyo Electric power Company



Inspected trench on January 17
 Inspected trench after January 11

Unit 2 radioactive fluid piping duct

Unit 3 chemical tank connecting duct

Unit 4 chemical tank connecting duct

Unit 1 standby power cable duct

<Legend>
 Trenches connecting to buildings where high-level radioactive contaminated water has been accumulated
 Trenches around Unit 1-4 (other than those above)
 Trenches around Unit 5-6 and others
 Trenches where high-level radioactive contaminated water are influent in

Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result of the Unit 1 Standby Power Cable Duct, January 17, 2012)

January 17, 2012
Tokyo Electric Power Company

【Result】

We found a puddle in today's inspection.

【Date】

Around 10:20 am, on January 17, 2012

【Place】

The Unit 1 Standby power cable duct

【Amount of the puddle】

Under evaluation

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

Around 0.010mSv/h (Around 10 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	4.0 X 10 ⁻²	Around 8 days
Cs-134	5.4 X 10 ⁻¹	6.5 X 10 ⁻²	Around 2 years
Cs-137	8.0 X 10 ⁻¹	7.6 X 10 ⁻²	Around 30 years

Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result of the Unit 2 Radioactive Fluid Piping Duct, January 17, 2012)

J a n u a r y 1 7 , 2 0 1 2
Tokyo Electric Power Company

【Result】

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

【Date】

Around 10:30 am, on January 17, 2012

【Place】

The Unit 2 radioactive fluid piping duct

Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result of the Unit 3 Chemical Tank Connecting Duct, January 17, 2012)

J a n u a r y 1 7 , 2 0 1 2
Tokyo Electric Power Company

【Result】

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

【Date】

Around 9:10 am, on January 17, 2012

【Place】

The Unit 3 chemical tank connecting duct

Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result of the Unit 4 Chemical Tank Connecting Duct, January 17, 2012)

January 17, 2012
Tokyo Electric Power Company

【Result】

We found a puddle in today's inspection.

【Date】

Around 9:40 am, on January 17, 2012

【Place】

The Unit 4 chemical tank connecting duct

【Amount of the puddle】

Under evaluation

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

Around 0.003mSv/h (Around 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	4.5X10 ⁻²	Around 8 days
Cs-134	1.3X10 ⁰	6.6X10 ⁻²	Around 2 years
Cs-137	1.7X10 ⁰	7.4X10 ⁻²	Around 30 years

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

J a n u a r y 1 7 , 2 0 1 2
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