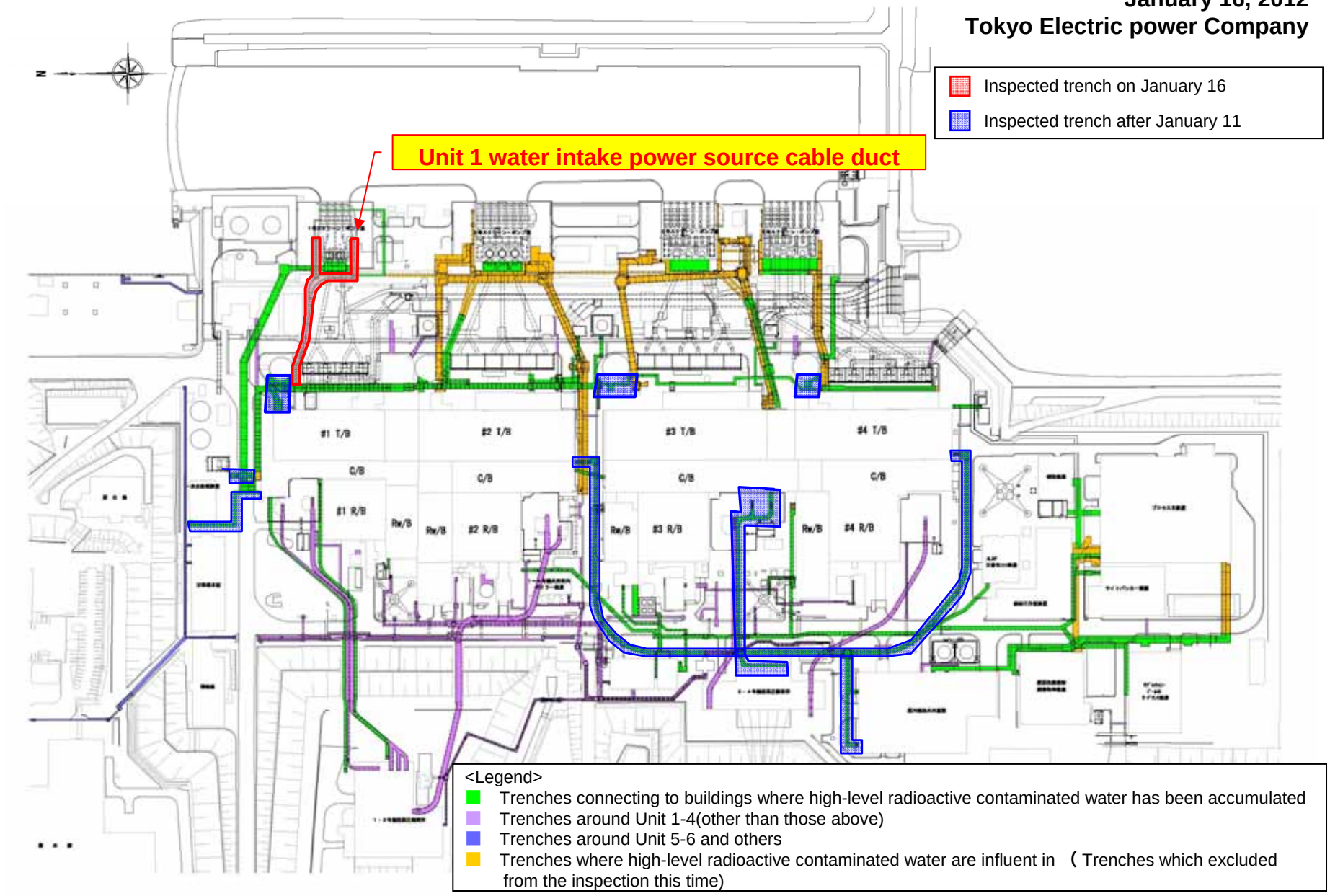
Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result, January 16, 2012)

January 16, 2012
Tokyo Electric power Company



Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station
(Preliminary Result in the Unit 1 Water Intake Power Source Cable Duct, January 16, 2012)

January 16, 2012
Tokyo Electric Power Company

【Result】
We found a puddle at today's inspection.

【Date】
At 9:40 am, on January 16, 2012

【Place】
In the Unit 1 Water Intake Power Source Cable Duct

【 Amount of the puddle 】
Under evaluation

【Surface dose rate of the container of detected water】
Around 5.5 μSv/h

【Preliminary Nuclide Analysis Results】
The nuclide analysis results of detected water is as follows.

Nuclide	Radioactivity Concentration (Bq/cm3)	Measurable Limits (Bq/cm3)	Half-life
I-131	ND	5.2×10^{-2}	Around 8 days
Cs-134	2.3×10^{0}	7.1×10^{-2}	Around 2 years
Cs-137	3.2×10^{0}	7.7×10^{-2}	Around 30 years

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

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【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}