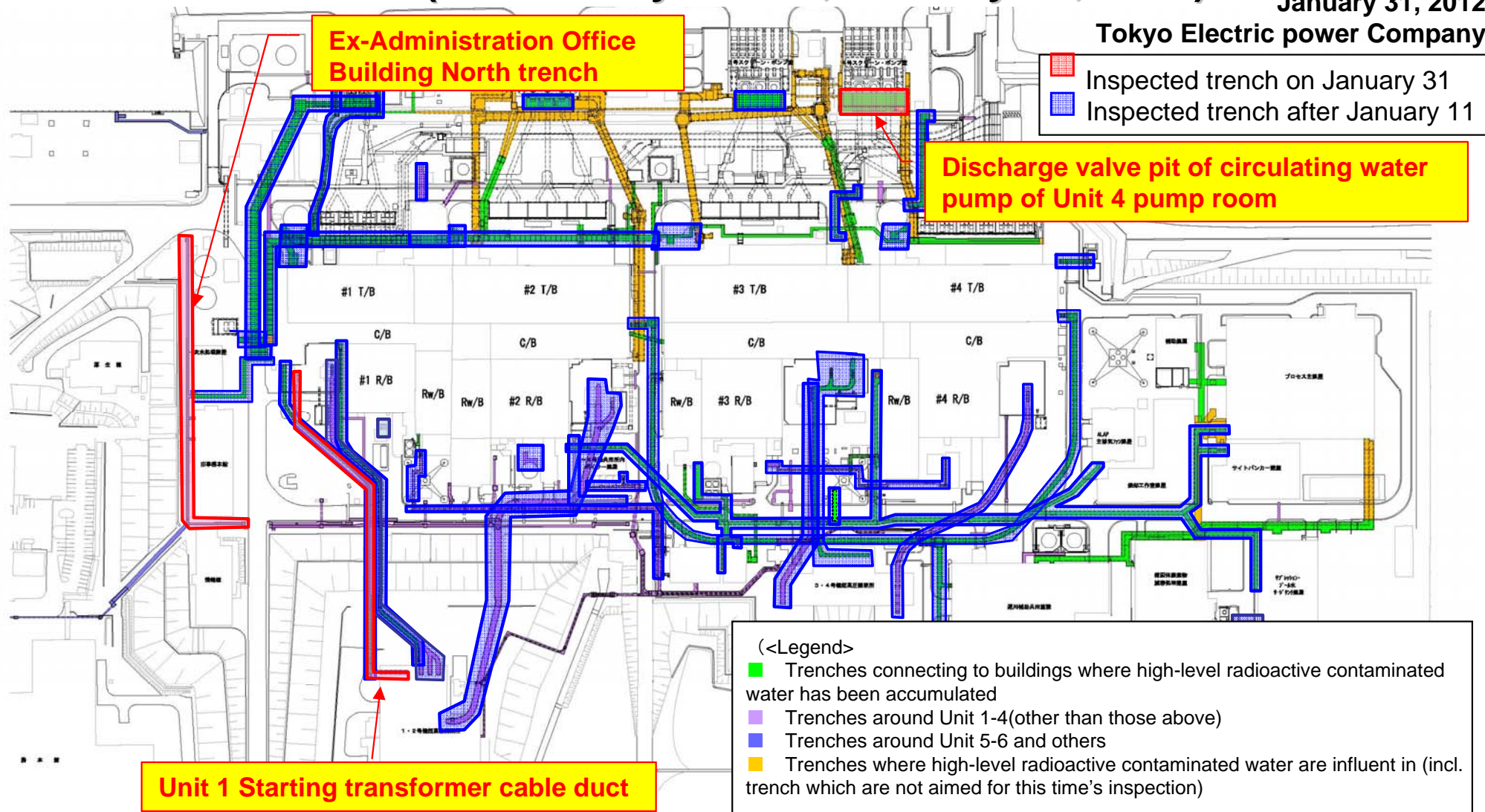


# Inspection Status of Trench, etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Result, January 31, 2012)

January 31, 2012

Tokyo Electric power Company



Date of inspection	Place	Puddle	Surface dose rate	Result of nuclide analysis (Bq/cm <sup>3</sup> )		
				I-131	Cs-134	Cs-137
Jan. 31	Unit 1 Starting transformer cable duct	Discovered	Approx. 1.3 μSv/h	ND	2.2 × 10 <sup>0</sup>	3.0 × 10 <sup>0</sup>
Jan. 31	Ex-Administration Office Building North trench	Not discovered	—	—	—	—
Jan. 31	Discharge valve pit of circulating water pump of Unit 4 pump room	Discovered	Approx. 1.3 μSv/h	ND	4.5 × 10 <sup>0</sup>	6.3 × 10 <sup>0</sup>

# Inspection Result of Trench, etc. at Fukushima Daiichi Nuclear Power Station

January 31, 2012

Tokyo Electric power Company

[Inspection Area 1]

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

[Inspection area 2]

Fukushima Daiichi Nuclear Power Station trenches etc.  
around Unit 1-4 building (Excluding trenches of Area 1 etc)

Date of Inspection	Place	Puddle	Surface dose rate	Result of nuclide analysis (Bq/cm <sup>3</sup> )		
				I-131	Cs-134	Cs-137
1/11	DG connecting duct of Unit 2-4	Discovered	9.0	ND	1.9×10 <sup>0</sup>	2.6×10 <sup>0</sup>
	Connecting duct between water treatment building – Unit 1 T/B	Discovered	1.5	ND	8.8×10 <sup>-1</sup>	1.3×10 <sup>0</sup>
1/12	Unit 1 chemical tank connecting duct	Discovered	1.2	ND	2.4×10 <sup>0</sup>	3.5×10 <sup>0</sup>
	Unit 3 cable duct for start-up transformer	Discovered	1.6	ND	4.9×10 <sup>1</sup>	6.9×10 <sup>1</sup>
	Unit 3 Radioactive Fluid Piping Duct	Not discovered	—	—	—	—
1/13	Unit 1 Radioactive Fluid Piping Duct	Discovered	9.0	ND	1.4×10 <sup>0</sup>	1.9×10 <sup>0</sup>
	Unit 4 Radioactive Fluid Piping Duct	Discovered	2.5	ND	2.2×10 <sup>1</sup>	2.8×10 <sup>1</sup>
1/16	Unit 1 Water Intake Power Cable Duct	Discovered	5.5	ND	2.3×10 <sup>0</sup>	3.2×10 <sup>0</sup>
1/17	Unit 1 Standby Power Cable Duct	Discovered	10	ND	5.4×10 <sup>-1</sup>	8.0×10 <sup>-1</sup>
	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	ND	1.3×10 <sup>0</sup>	1.7×10 <sup>0</sup>
1/18	Unit 1 Seawater Piping Tunnel	Discovered	1.3	ND	2.9×10 <sup>-1</sup>	4.4×10 <sup>-1</sup>
	Unit 1 Common Piping Duct	Discovered	1.0	ND	1.0×10 <sup>1</sup>	1.5×10 <sup>1</sup>
	Unit 1 Control Cable Duct	Discovered	4.5	ND	4.8×10 <sup>-1</sup>	7.1×10 <sup>-1</sup>
	Unit 4 Seawater Piping Duct	Not discovered	—	—	—	—
1/19	Unit 2 Common Piping Duct	Not discovered	—	—	—	—
	Unit 2 Pump Room Circulation Pump Discharge Valve Pit	Discovered	45	ND	7.1×10 <sup>3</sup>	9.1×10 <sup>3</sup>
	Unit 3 Pump Room Circulation Pump Discharge Valve Pit	Discovered	21	ND	3.8×10 <sup>2</sup>	4.8×10 <sup>2</sup>
	Unit 4 Pump Room Circulation Pump Discharge Valve Pit ※	Discovered	15	ND	9.1×10 <sup>0</sup>	1.2×10 <sup>1</sup>
	Centralized Radiation Waste Treatment Facility Building Common Piping Duct	Discovered	5.0	ND	7.3×10 <sup>-1</sup>	9.4×10 <sup>-1</sup>
1/20	Unit 3 Off gas Piping Duct	Discovered	4.0	ND	3.1×10 <sup>1</sup>	4.1×10 <sup>1</sup>

Date of Inspection	Place	Puddle	Surface dose rate	Result of nuclide analysis (Bq/cm <sup>3</sup> )		
				I-131	Cs-134	Cs-137
1/24	Connection trench between boiler room and electric equipment room of Unit 1	Discovered	1.0	ND	7.9×10 <sup>-1</sup>	1.0×10 <sup>0</sup>
	Unit 3-4 heavy oil pipe trench	Not discovered	—	—	—	—
	Unit 4 main transformer cable duct	Discovered	1.0	ND	7.5×10 <sup>-1</sup>	1.0×10 <sup>0</sup>
1/25	Unit 1, Waste liquid Surge tank connection duct	Discovered	2.0	ND	1.2×10 <sup>1</sup>	1.5×10 <sup>1</sup>
	Unit 1, Main transformer connection duct	Discovered	2.0	ND	1.5×10 <sup>0</sup>	2.3×10 <sup>0</sup>
	Extinguishing piping trench	Discovered	4.0	ND	ND	1.0×10 <sup>-1</sup>
1/26	Unit 1, Off-gas piping duct	Discovered	3.0	ND	5.5×10 <sup>-1</sup>	8.9×10 <sup>-1</sup>
	Unit 1, Activated coal holdup duct	Discovered	1.8	ND	1.6×10 <sup>-1</sup>	2.7×10 <sup>-1</sup>
	Unit 2, Main transformer cable duct	Discovered	1.2	ND	8.1×10 <sup>-1</sup>	1.1×10 <sup>0</sup>
	Unit 2, Waste liquid surge-tank connection duct	Not discovered	—	—	—	—
	Unit 2 and 3, Common boiler trench	Not discovered	—	—	—	—
1/30	Unit 3, Main transformer cable duct	Discovered	1.8	ND	1.4×10 <sup>0</sup>	1.8×10 <sup>0</sup>
	Unit 2, Main transformer emergency trench	Discovered	9.5	ND	2.1×10 <sup>0</sup>	3.0×10 <sup>0</sup>

※ Reinvestigation will be planned on January 31 because sampled point was different.