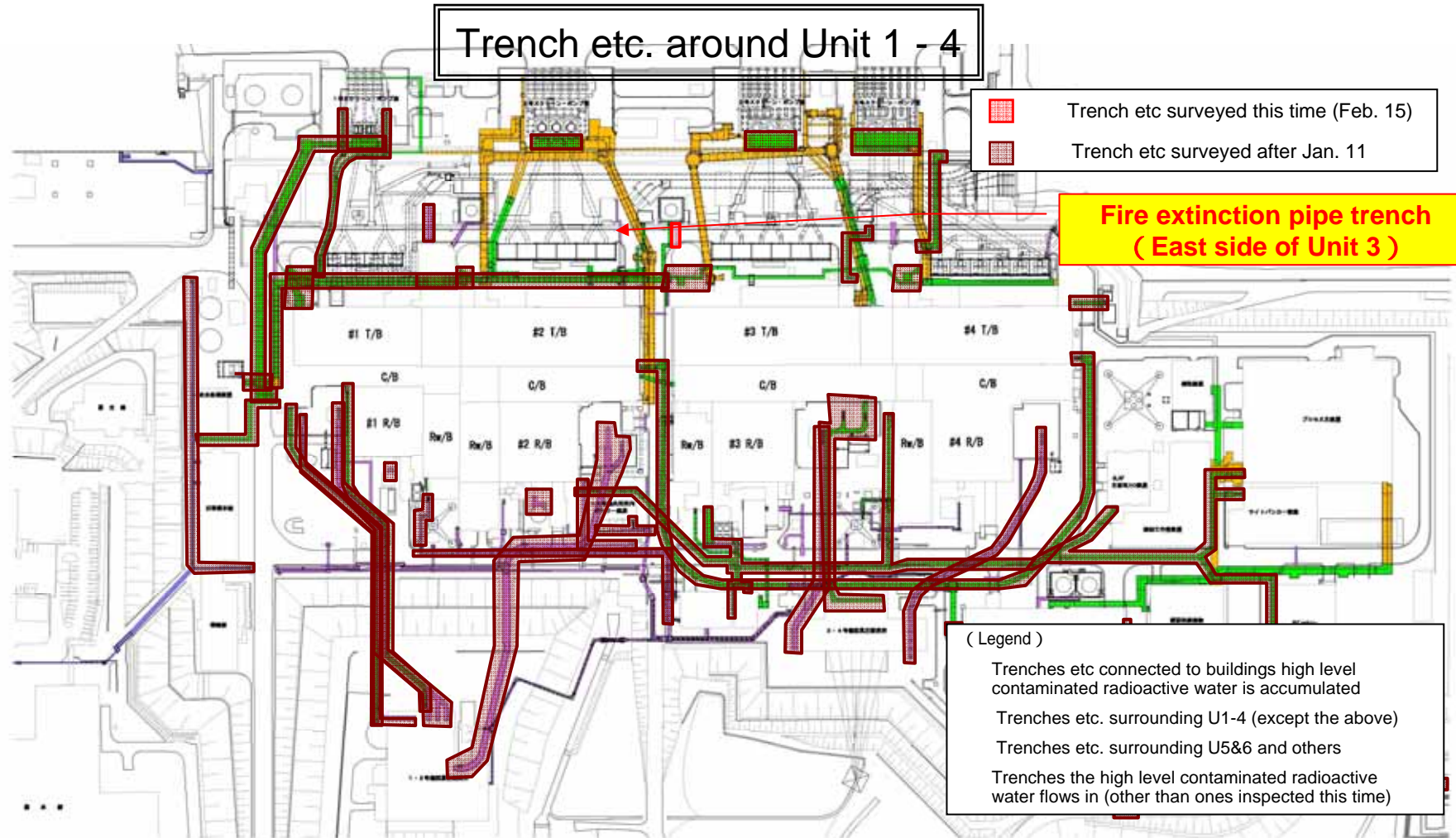
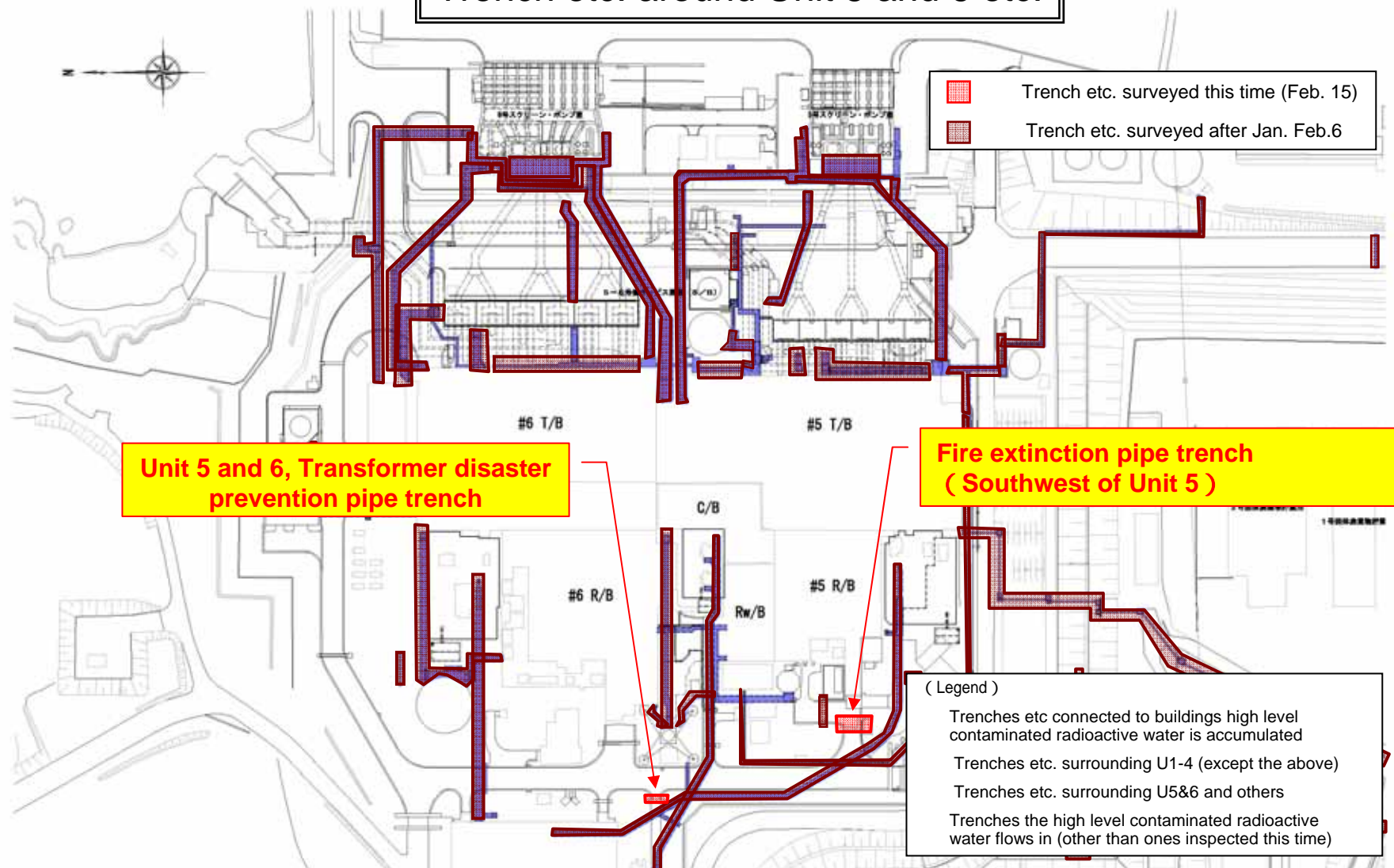


Survey Status of Trenches etc. at Fukushima Daiichi Nuclear Power Station (Preliminary Report on February 15, 2012)



Surveyed on	Place	Accumulated water	Dose rate at the surface of vessels containing samples	Nuclide analysis results (Bq/cm ³)		
				I - 131	C s - 134	C s - 137
2 / 15	Inside the fire extinction pipe trench (Unit 3, east side)	Yes	Approx. 6.5 μSV/h	ND	3.4 × 10 ⁰	4.8 × 10 ⁰

Trench etc. around Unit 5 and 6 etc.



Unit 5 and 6, Transformer disaster prevention pipe trench

Fire extinction pipe trench (Southwest of Unit 5)

(Legend)
 Trenches etc connected to buildings high level contaminated radioactive water is accumulated
 Trenches etc. surrounding U1-4 (except the above)
 Trenches etc. surrounding U5&6 and others
 Trenches the high level contaminated radioactive water flows in (other than ones inspected this time)

Surveyed on	Place	Accumulated water	Dose rate at the surface of vessels containing samples	Nuclide analysis results (Bq/cm ³)		
				I - 131	C s - 134	C s - 137
2 / 15	Inside Unit 5 and 6, Transformer disaster prevention pipe trench	Yes	Approx. 7.0 μ Sv/h	ND	1.0 × 10 ⁻¹	9.3 × 10 ⁻²
	Fire extinction pipe trench (Southwest of Unit 5)	Yes	Approx. 5.5 μ Sv/h	ND	1.4 × 10 ⁻¹	1.6 × 10 ⁻¹

Fukushima Daiichi Nuclear Power Station: List of result of survey on trenches etc.

February 15, 2012
Tokyo Electric Power Company

【Survey area 】 Trenches connected to Buildings of U1-4, Centralized Radioactive Waste Treatment Facilities

【Survey area 】 Trenches etc. surrounding U1-4 (except trenches etc in area)

Surveyed on	Place	Accumulated water	Dose rate at the surface of vessels containing samples (μSv/h)	Nuclide analysis results (Bq/cm ³)			Surveyed on	Place	Accumulated water	Dose rate at the surface of vessels containing samples (μSv/h)	Nuclide analysis results (Bq/cm ³)		
				I-131	Cs-134	Cs-137					I-131	Cs-134	Cs-137
1 / 11	In duct connecting U2 to 4 DG	Yes	9.0	ND	1.9 × 10 ⁰	2.6 × 10 ⁰	1 / 24	In trench connecting U1 boiler room and electricity room	Yes	1.0	ND	7.9 × 10 ⁻¹	1.0 × 10 ⁰
	In duct connecting water treatment building to U1 T/B	Yes	1.5	ND	8.8 × 10 ⁻¹	1.3 × 10 ⁰		In trench U3&4 Oil pipes	No	-	-	-	-
1 / 12	In U1 chemical tank connection duct	Yes	1.2	ND	2.4 × 10 ⁰	3.5 × 10 ⁰	1 / 25	In duct for U4 main transformer cables	Yes	1.0	ND	7.5 × 10 ⁻¹	1.0 × 10 ⁰
	In duct for U3 start-up transformer cables	Yes	1.6	ND	4.9 × 10 ¹	6.9 × 10 ¹		In connection duct for U1 water surge tank	Yes	2.0	ND	1.2 × 10 ¹	1.5 × 10 ¹
	In duct for U3 radioactive liquid pipes	No	-	-	-	-		In duct for U1 main transformer cables	Yes	2.0	ND	1.5 × 10 ⁰	2.3 × 10 ⁰
1 / 13	In duct for U1 radioactive liquid pipes	Yes	9.0	ND	1.4 × 10 ⁰	1.9 × 10 ⁰	1 / 26	In trench for fire extinction pipes	Yes	4.0	ND	ND	1.0 × 10 ⁻¹
	In duct for U4 radioactive liquid pipes	Yes	2.5	ND	2.2 × 10 ¹	2.8 × 10 ¹		In duct for U1 off gas pipes	Yes	3.0	ND	5.5 × 10 ⁻¹	8.9 × 10 ⁻¹
1 / 16	In duct for U1 intake power cables	Yes	5.5	ND	2.3 × 10 ⁰	3.2 × 10 ⁰	1 / 26	In duct for holding up activated charcoal, U1	Yes	1.8	ND	1.6 × 10 ⁻¹	2.7 × 10 ⁻¹
1 / 17	In duct for U1 backup power cables	Yes	10	ND	5.4 × 10 ⁻¹	8.0 × 10 ⁻¹		In duct for U2 main transformer cables	Yes	1.2	ND	8.1 × 10 ⁻¹	1.1 × 10 ⁰
	In duct for U2 radioactive liquid pipes	No	-	-	-	-		In connection duct for U2 water surge tank	No	-	-	-	-
	In U3 chemical tank connection duct	No	-	-	-	-		In trench for in house common boiler for U2&3	No	-	-	-	-
	In U4 chemical tank connection duct	Yes	3.0	ND	1.3 × 10 ⁰	1.7 × 10 ⁰	In duct for U3 main transformer cables	Yes	1.8	ND	1.4 × 10 ⁰	1.8 × 10 ⁰	
1 / 18	In tunnel for U1 seawater pipes	Yes	1.3	ND	2.9 × 10 ⁻¹	4.4 × 10 ⁻¹	1 / 30	In trench for U2 transformer fire prevention	Yes	9.5	ND	2.1 × 10 ⁰	3.0 × 10 ⁰
	In duct for U1 common pipes	Yes	1.0	ND	1.0 × 10 ¹	1.5 × 10 ¹	1 / 31	In duct for U1 start-up transformer cables	Yes	1.3	ND	2.2 × 10 ⁰	3.0 × 10 ⁰
	In duct for U1 control cables	Yes	4.5	ND	4.8 × 10 ⁻¹	7.1 × 10 ⁻¹		In trench to the north of former admin. building	No	-	-	-	-
	In tunnel for U4 seawater pipes	No	-	-	-	-	1 / 19	In tunnel for U2 common pipes	No	-	-	-	-
In circular pump discharge valve pit for in U2 pump room	Yes	45	ND	7.1 × 10 ³	9.1 × 10 ³	In circular pump discharge valve pit for in U3 pump room		Yes	21	ND	3.8 × 10 ²	4.8 × 10 ²	
In circular pump discharge valve pit for in U3 pump room	Yes	21	ND	3.8 × 10 ²	4.8 × 10 ²	In duct for common pipes for wastes of Centralized environment Facilities		Yes	5.0	ND	7.3 × 10 ⁻¹	9.4 × 10 ⁻¹	
1 / 20	In duct for U3 off gas pipes	Yes	4.0	ND	3.1 × 10 ¹	4.1 × 10 ¹	1 / 20	In duct for U3 off gas pipes	Yes	4.0	ND	3.1 × 10 ¹	4.1 × 10 ¹
1 / 31	In circular pump discharge valve pit for in U4 pump room*	Yes	1.3	ND	4.5 × 10 ⁰	6.3 × 10 ⁰							

* Surveyed again since the sampling spot was not correct.

Fukushima Daiichi Nuclear Power Station: List of result of survey on trenches etc.

February 15, 2012
Tokyo Electric Power Company

【Survey area 】 Trenches etc. surrounding U5&6 and others

Surveyed on	Place	Accumulated water	Dose rate at the surface of vessels containing samples (μSv/h)	Nuclide analysis results (Bq/cm ³)		
				I-131	Cs-134	Cs-137
2/6	In circular pump discharge valve pit for in U5 pump room	Yes	5.0	ND	1.0 × 10 ⁻¹	1.6 × 10 ⁻¹
	In circular pump discharge valve pit for in U6 pump room	Yes	4.0	ND	1.1 × 10 ⁻¹	1.4 × 10 ⁻¹
	In duct for U5 off gas pipes	No	-	-	-	-
	In duct for U6 off gas pipes	Yes	1.0	ND	1.2 × 10 ⁻¹	1.9 × 10 ⁻¹
	In oil pipe trench (southeast of U5)	No	-	-	-	-
2/7	In duct for U5 intake power cables	Yes	8.0	ND	1.4 × 10 ⁻¹	2.0 × 10 ⁻¹
	In tunnel for U5 seawater pipes	Yes	8.0	ND	8.2 × 10 ⁻²	1.1 × 10 ⁻¹
	In duct for U5 main transformer cables	Yes	10	ND	7.3 × 10 ⁻²	1.3 × 10 ⁻¹
	In duct for U5 start-up transformer cables	Yes	8.0	ND	2.0 × 10 ⁻¹	2.9 × 10 ⁻¹
2/8	In duct for U6 intake power cables	Yes	3.0	ND	1.0 × 10 ⁻¹	8.3 × 10 ⁻²
	In trench for U5&6 storm drain pipes	Yes	4.0	ND	1.7 × 10 ⁻¹	2.5 × 10 ⁻¹
	In duct for U5 radioactive liquid pipes	Yes	3.0	ND	8.0 × 10 ⁻²	1.3 × 10 ⁻¹
	In trench for east of U5 heavy oil pipes	Yes	4.0	ND	2.0 × 10 ⁻¹	2.8 × 10 ⁻¹
2/9	In duct for U6 main transformer cables	Yes	3.0	ND	2.8 × 10 ⁻¹	4.3 × 10 ⁻¹
	In communication cables of U5&6	Yes	4.0	ND	ND	7.2 × 10 ⁻²
	Duct for emergency gas processing pipes	Yes	1.0	ND	4.6 × 10 ⁻¹	6.7 × 10 ⁻¹
	Duct for U5 chemical tank connection	No	-	-	-	-
	In suppression pool water pipe trenches	No	-	-	-	-
	In common suppression pool water surge pipe duct	No	-	-	-	-
	In trench for fire extinction pipes (west to Unit 5)	No	-	-	-	-
	In trench for fire extinction pipes (west to Unit 6)	No	-	-	-	-
2/10	In trench for fire extinction pipes (south to Unit 5)	No	-	-	-	-
	In seawater pipe duct of U6 (SW system)	Yes	2.0	ND	2.1 × 10 ⁻¹	3.4 × 10 ⁻¹
	In seawater pipe duct of U5 (SW system)	Yes	2.0	ND	1.4 × 10 ⁻¹	1.5 × 10 ⁻¹
	In light oil pipe trenches, No.6	Yes	1.6	ND	2.5 × 10 ⁻¹	3.7 × 10 ⁻¹
	In pipe duct of U6 (pump room ~ MG set building)	Yes	1.6	ND	1.1 × 10 ⁻¹	2.0 × 10 ⁻¹
	In seawater pipe duct of U6 (for north emergency system)	Yes	1.6	ND	ND	1.2 × 10 ⁻¹
2/13	In seawater pipe duct of U6 (for south emergency system)	Yes	1.2	ND	1.4 × 10 ⁻¹	2.0 × 10 ⁻¹
	In water treatment pipe trenches (east to Administration Office Building)	Yes	6.0	ND	2.2 × 10 ⁰	3.3 × 10 ⁰
	In water treatment pipe trenches (east to filtered water tank)	No	-	-	-	-

Surveyed on	Place	Accumulated water	Dose rate at the surface of vessels containing samples (μSv/h)	Nuclide analysis results (Bq/cm ³)		
				I-131	Cs-134	Cs-137
2/14	In duct for U5 common pipes	No	-	-	-	-
	In duct for U6 common pipes	No	-	-	-	-
	In duct for U6 radioactive liquid pipe	Yes	2.0	ND	2.2 × 10 ⁻¹	2.8 × 10 ⁻¹