

Exposure Dose Distribution

1. Exposure dose

The distribution of external exposure dose of the workers who engaged in the emergency works during the past 3 months (numbers of workers who entered each area every month) is shown in Table 1.

Table 1

Classification (mSv)	February 2012			March 2012			April 2012		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	0	0	0	0	0	0	0	0	0
Over 200 – 250 or less	0	0	0	0	0	0	0	0	0
Over 150 – 200 or less	0	0	0	0	0	0	0	0	0
Over 100 – 150 or less	0	0	0	0	0	0	0	0	0
Over 50 – 100 or less	0	0	0	0	0	0	0	0	0
Over 20 – 50 or less	0	0	0	0	0	0	0	1	1
Over 10 – 20 or less	6	87	93	2	38	40	3	47	50
10 or less	1,104	4,507	5,611	1,114	4,494	5,608	886	4,191	5,077
Total	1,110	4,594	5,704	1,116	4,532	5,648	889	4,239	5,128
Maximum (mSv)	16.50	18.81	18.81	11.40	19.06	19.06	16.38	23.53	23.53
Average (mSv)	0.90	1.41	1.31	0.82	1.25	1.16	0.73	1.14	1.07

* We use integrated value of APD data that measured every time when enter into the area. These data sometimes fluctuate due to replacing these data to monthly dose data measured by integral dosimeter

2. Total of external exposure and internal exposure doses combined

The accumulative exposure dose at the end of March (March 11, 2011 to March 31, 2012) and at the end of April (Mach 11, 2011 to April 30, 2012) of the workers who engaged in the emergency works is shown in Table 2.

Table 2

Classification (mSv)	March 2011 - March 2012			March 2011 - April 2012			Fluctuation		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	6	0	6	6	0	6	0	0	0
Over 200 – 250 or less	1	2	3	1	2	3	0	0	0
Over 150 – 200 or less	22	2	24	22	2	24	0	0	0
Over 100 – 150 or less	117	17	134	117	17	134	0	0	0
Over 50 – 100 or less	441	364	805	449	376	825	8	12	20
Over 20 – 50 or less	619	2,357	2,976	614	2,428	3,042	-5	71	66
Over 10 – 20 or less	482	2,812	3,294	493	2,893	3,386	11	81	92
10 or less	1,700	12,048	13,748	1,715	12,499	14,214	15	451	466
Total	3,388	17,602	20,990	3,417	18,217	21,634	29	615	644
Maximum (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Average (mSv)	24.80	9.59	12.04	24.77	9.53	11.94	-	-	-

* We use integrated value of APD data that measured every time when enter into the area. These data sometimes fluctuate due to replacing these data to monthly dose data measured by integral dosimeter

3. Total of external exposure and internal exposure doses of specific workers under high radiation dose combined

Distribution of the accumulative exposure dose of the Specific workers under high radiation dose*1 is shown in Table 3.

Table 3

Classification (mSv)	February 2012	March 2012	April 2012	March 2011 - April 2012
Over 250	0	0	0	0
Over 200 – 250 or less	0	0	0	0
Over 150 – 200 or less	0	0	0	0
Over 100 – 150 or less	0	0	0	0
Over 50 – 100 or less	0	0	0	242
Over 20 – 50 or less	0	0	0	163
Over 10 – 20 or less	8	2	3	47
10 or less	493	503	511	62
Total	501	505	514	514
Maximum (mSv)	17.11	11.58	16.38	93.65
Average (mSv)	1.45	1.33	1.07	46.04

(108 workers in April did not have the entrance record)

*1: Specific workers under high radiation dose

The workers who applied Emergency dose limit (100mSv) shown in “Ordinance on Prevention of Ionizing Radiation Hazards, chapter 7.”

Specifically, it means the workers who engaged in the work to maintain the function that cooling reactor facility or spent fuel tank at the area where the radiation dose exceed 0.1 mSv /h and reactor facility, steam turbine and related facilities and surrounding area in the power plant or the work to maintain the function to control or prevent release of huge amount radioactive material due to trouble or break of reactor facility.

Until now, all Specific workers under high radiation dose are TEPCO Employees.

4. Total of external exposure and internal exposure doses of workers who applied provisional measures combined

Distribution of the accumulative exposure dose of workers who applied provisional measure *2 after the Specific workers under high radiation dose abolished is shown in Table 4.

Table 4

Classification (mSv)	February 2012	March 2012	April 2012	March 2011 - April 2012
Over 250	0	0	0	0
Over 200 – 250 or less	0	0	0	0
Over 150 – 200 or less	0	0	0	8
Over 100 – 150 or less	0	0	0	33
Over 50 – 100 or less	0	0	0	0
Over 20 – 50 or less	0	0	0	0
Over 10 – 20 or less	0	0	0	0
10 or less	42	42	41	0
Total	42	42	41	41
Maximum (mSv)	2.51	2.91	5.52	197.97
Average (mSv)	0.33	0.29	0.79	130.58

(25 workers in April did not have the entrance record.)

*2: Workers who applied provisional measure

The workers who are applied dose limit (250mSv) based on ministerial ordinance relating to special provision of “Ordinance on Prevention of Ionizing Radiation Hazards, chapter 7” until April 30, 2012 even after repealing of the ministerial ordinance on December 16, 2011. As of the end of January, all workers who applied provisional measure are TEPCO employees.