

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)	November, 2011			December, 2011			January, 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	3	3	3	1	4	0	0	0
Over 10 - 20 or less	10	76	86	13	56	69	12	62	74
10 or less	1,144	4,981	6,125	1,154	4,951	6,105	887	4,536	5,423
Total	1,154	5,060	6,214	1,170	5,008	6,178	899	4,598	5,497
Max. (mSv)	13.40	20.39	20.39	23.20	21.51	23.20	16.17	18.98	18.98
Ave. (mSv)	1.09	1.41	1.35	1.09	1.31	1.26	1.07	1.28	1.25

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 December (March 11 to December 31, 2011) and at the end of January (March 11, 2011 to January 31, 2012) of the workers who engaged in the emergency works is shown in Table 2.

Table 2

Classification (mSv)	Maruch to December, 2011			Mar. 2011 to Jan. 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	401	339	740	409	347	756	8	8	16
Over 20 - 50 or less	646	1,957	2,603	646	2,078	2,724	0	121	121
Over 10 - 20 or less	497	2,578	3,075	494	2,667	3,161	-3	89	86
10 or less	1,613	11,330	12,943	1,645	11,662	13,307	32	332	364
Total	3,303	16,225	19,528	3,340	16,775	20,115	37	550	587
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave. (mSv)	24.71	9.29	11.90	24.72	9.35	11.90	-	-	-

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)	Dec. 2011	Jan. 2012	Mar. 2011 - Jan. 2012
Over 250	0	0	0
Over 200 - 250 or less	0	0	0
Over 150 - 200 or less	0	0	0
Over 100 - 150 or less	0	0	0
Over 50 - 100 or less	0	0	205
Over 20 - 50 or less	2	0	165
Over 10 - 20 or less	6	11	22
10 or less	59	441	60
Total	67	452	452
Max. (mSv)	20.78	16.17	95.39
Ave. (mSv)	3.97	1.79	45.87

(57 workers in January 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.

As of the end of January, 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)	Dec. 2011	Jan. 2012	Mar. 2011 - Jan. 2012
Over 250	0	0	0
Over 200 - 250 or less	0	0	0
Over 150 - 200 or less	0	0	8
Over 100 - 150 or less	0	0	37
Over 50 - 100 or less	0	0	0
Over 20 - 50 or less	0	0	0
Over 10 - 20 or less	0	0	0
10 or less	45	45	0
Total	45	45	45
Max. (mSv)	1.43	1.73	197.95
Ave. (mSv)	0.17	0.28	127.56

(13 workers in January 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.