

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)	April 2012			May 2012			June 2012		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	0	0	0	0	0	0	0	0	0
200-250	0	0	0	0	0	0	0	0	0
150-200	0	0	0	0	0	0	0	0	0
100-150	0	0	0	0	0	0	0	0	0
50-100	0	0	0	0	0	0	0	0	0
20-50	0	1	1	0	0	0	0	0	0
10-20	3	47	50	1	37	38	2	8	10
10 or less	1,059	4,192	5,251	1,037	4,433	5,470	882	4,905	5,787
Total	1,062	4,240	5,302	1,038	4,470	5,508	884	4,913	5,797
Max. (mSv)	13.00	23.53	23.53	10.20	16.85	16.85	10.76	12.11	12.11
Ave. (mSv)	0.76	1.14	1.06	0.66	1.29	1.17	0.71	1.10	1.04

* 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 May (March 11, 2011 to May 31, 2012) and at the end of June (March 11, 2011 to June 30, 2012) of the workers who engaged in the emergency works is shown in Table 2. The exposure dose distributions of May and June are shown in Table 3.

Table 2

Classification (mSv)	March 2011-May 2012			March 2011-June 2012			Fluctuation		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	6	0	6	6	0	6	0	0	0
200-250	1	2	3	1	2	3	0	0	0
150-200	22	2	24	22	2	24	0	0	0
100-150	117	17	134	117	17	134	0	0	0
50-100	463	348	811	475	370	845	12	22	34
20-50	612	2,585	3,197	606	2,659	3,265	-6	74	68
10-20	489	2,922	3,411	489	2,950	3,439	0	28	28
10 or less	1,742	12,847	14,589	1,761	13,345	15,106	19	498	517
Total	3,452	18,723	22,175	3,477	19,345	22,822	25	622	647
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave. (mSv)	24.80	9.49	11.87	24.80	9.47	11.80	-	-	-

* 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

Table 3

Classification (mSv)	April-May 2012			April-June 2012			Fluctuation		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	0	0	0	0	0	0	0	0	0
200-250	0	0	0	0	0	0	0	0	0
150-200	0	0	0	0	0	0	0	0	0
100-150	0	0	0	0	0	0	0	0	0
50-100	0	0	0	0	0	0	0	0	0
20-50	0	34	34	4	75	79	4	41	45
10-20	13	140	153	24	191	215	11	51	62
10 or less	1,171	5,192	6,363	1,215	6,111	7,326	44	919	963
Total	1,184	5,366	6,550	1,243	6,377	7,620	59	1,011	1,070
Max. (mSv)	19.90	30.12	30.12	24.78	36.49	36.49	-	-	-
Ave. (mSv)	1.26	1.97	1.84	1.71	2.51	2.38	-	-	-

* 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 4.

Table 4

Classification (mSv)	April 2012	May 2012	June 2012	March 2011- June 2012
Over 250	0	0	0	0
200-250	0	0	0	0
150-200	0	0	0	0
100-150	0	0	0	0
50-100	0	0	0	257
20-50	0	0	0	172
10-20	3	1	1	41
10 or less	511	526	540	71
Total	514	527	541	541
Max. (mSv)	16.38	10.15	10.40	93.65
Ave. (mSv)	1.07	0.88	0.98	46.00

(109 workers in June 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.

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