

## 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)	September 2012			October 2012			November 2012		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 100	0	0	0	0	0	0	0	0	0
75-100	0	0	0	0	0	0	0	0	0
50-75	0	0	0	0	0	0	0	0	0
20-50	0	0	0	0	0	0	0	0	0
10-20	0	27	27	0	20	20	0	15	15
5-10	9	151	160	7	120	127	7	118	128
1-5	123	1,098	1,221	144	1,196	1,340	135	1,136	1,271
1 or less	848	3,392	4,240	828	3,320	4,148	705	3,196	3,901
Total	980	4,668	5,648	979	4,656	5,635	847	4,465	5,312
Max. (mSv)	8.20	18.57	18.57	6.30	16.94	16.94	9.53	19.28	19.28
Ave. (mSv)	0.57	1.03	0.95	0.60	1.00	0.93	0.57	1.00	0.93

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

Table 2

Classification (mSv)	March 2011-October 2012			March 2011-November 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
75-100	212	62	274	217	65	282	5	3	8
50-75	296	399	695	300	415	715	4	16	20

20-50	603	2,929	3,532	600	2,973	3,573	-3	44	41
10-20	702	3,122	3,824	705	3,263	3,968	3	141	144
5-10	165	2,831	2,996	162	2,836	2,998	-3	5	2
1-5	797	5,608	6,405	814	5,710	6,524	17	102	119
1 or less	687	5,999	6,686	671	6,042	6,713	-16	43	27
Total	3,608	20,971	24,579	3,615	21,325	24,940	7	354	361
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave. (mSv)	24.61	9.66	11.85	24.69	9.71	11.88	-	-	-

\* 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

\* There has been no significant internal radiation exposure reported since October 2011.

Table 3

Classification (mSv)	April-October 2012			April-November 2012			Fluctuation		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 100	0	0	0	0	0	0	0	0	0
75-100	0	0	0	0	0	0	0	0	0
50-75	0	0	0	0	0	0	0	0	0
20-50	26	206	232	34	242	276	8	36	44
10-20	68	832	900	74	1,015	1,089	6	183	189
5-10	190	1,464	1,654	208	1,557	1,765	18	93	111
1-5	604	2,899	3,503	610	2,933	3,543	6	34	40
1 or less	608	3,483	4,091	588	3,618	4,206	-20	135	115
Total	1,496	8,884	10,380	1,514	9,365	10,879	18	481	499
Max. (mSv)	35.40	40.62	40.62	39.93	40.62	40.62	-	-	-
Ave. (mSv)	3.12	3.99	3.86	3.40	4.26	4.14	-	-	-

\* 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

Distribution of the accumulative exposure dose of the Specific workers under high radiation dose\*<sup>1</sup> is shown in Table 4.

Table 4

Classification (mSv)	September 2012	October 2012	November 2012	March 2011- November 2012
Over 100	0	0	0	0
75-100	0	0	0	97
50-75	0	0	0	178
20-50	0	0	0	171
10-20	0	0	0	53
5-10	9	7	7	36

1-5	103	122	119	38
1 or less	466	449	457	10
Total	578	578	583	583
Max. (mSv)	8.20	6.30	9.53	93.35
Ave. (mSv)	0.86	0.89	0.85	45.21

(148 workers did not enter the site in November.)

\*<sup>1</sup> 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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