

Exposure Dose Distribution

1. Exposure Dose

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

Table 1

Classification (mSv)	July 2014			August 2014			September 2014		
	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	49	49	0	9	9	0	16	16
5-10	1	258	259	0	214	214	1	248	249
1-5	39	1728	1767	39	1338	1377	41	1540	1581
1 or less	1092	7292	8384	1062	7806	8868	951	7619	8570
Total	1132	9327	10459	1101	9367	10468	993	9423	10416
Max. (mSv)	5.40	18.69	18.69	3.40	17.13	17.13	5.08	16.37	16.37
Ave.(mSv)	0.27	0.89	0.82	0.25	0.72	0.67	0.22	0.77	0.72

*The numbers of dose and workers are subject to change, due to replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

2. Total of external exposure and internal exposure doses combined

The accumulative exposure doses of the workers who engaged in the radiation works at the end of August (March 11, 2011 to August 31, 2014) and at the end of September (March 11, 2011 to September 30, 2014) is shown in Table 2. The exposure dose distributions at the end of at the end of August (April 2014 to August 2014) and at the end of September (April 2014 to September 2014) are shown in Table 3.

Table 2

Classification (mSv)	March 2011-August 2014			March 2011-September 2014			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	25	2	27	25	2	27	0	0	0
100-150	118	20	138	118	20	138	0	0	0
75-100	281	160	441	281	163	444	0	3	3
50-75	320	1106	1426	320	1133	1453	0	27	27
20-50	619	4928	5547	620	5035	5655	1	107	108
10-20	566	4535	5101	566	4652	5218	0	117	117
5-10	466	4412	4878	476	4462	4938	10	50	60
1-5	760	8147	8907	760	8275	9035	0	128	128
1 or less	1146	10120	11266	1160	10377	11537	14	257	271
Total	4308	33432	37740	4333	34121	38454	25	689	714
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave.(mSv)	23.13	10.77	12.18	23.05	10.76	12.15	-	-	-

* The numbers of dose and workers are subject to change, due to replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

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

Table 3

Classification (mSv)	April 2014-August 2014			April 2014-September 2014			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	0	175	175	1	269	270	1	94	95
10-20	7	786	793	10	998	1008	3	212	215
5-10	47	1467	1514	63	1684	1747	16	217	233
1-5	430	4254	4684	478	4540	5018	48	286	334
1 or less	968	6196	7164	950	6371	7321	-18	175	157
Total	1452	12878	14330	1502	13862	15364	50	984	1034
Max. (mSv)	17.63	39.85	39.85	20.55	39.85	39.85	-	-	-
Ave.(mSv)	1.17	2.98	2.80	1.28	3.29	3.10	-	-	-

* The numbers of dose and workers are subject to change, due to replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

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*1 is shown in Table 4.

Table 4

Classification (mSv)	July 2014	August 2014	September 2014	March 2011-September 2014
Over 100	0	0	0	1
75-100	0	0	0	170
50-75	0	0	0	214
20-50	0	0	0	255
10-20	0	0	0	151
5-10	1	0	1	123
1-5	38	37	40	137
1 or less	585	576	522	43
Total	624	613	563	1094
Max. (mSv)	5.40	3.40	5.08	102.69
Ave.(mSv)	0.37	0.35	0.28	36.77

(61 workers out of 624 did not enter the site in September)

*1 Specific workers under high radiation dose

Regarding the workers that have the Emergency dose limit (100 mSv), shown in "Ordinance on Prevention of Ionizing Radiation Hazards, chapter 7", applied; it specifically refers to the workers engaged in the work to maintain the function of the cooling reactor facility or spent fuel tank at an area where the radiation dose exceeds 0.1 mSv/h as well as the reactor facility, steam turbine, related facilities and surrounding area in the power plant or work to maintain function to control or prevent the release of huge amounts of radioactive material due to malfunction or breakage of reactor facility. Until now, all specific workers under high radiation dose are TEPCO employees.

*2 Definition of the specific workers under high radiation dose is changed to the workers who were applied as specific workers under high radiation dose for each month. However, workers who are no longer the specific workers under high radiation dose are included in the figures from March 2011 to September 2014.

*3 The numbers of dose and workers are subject to change, due to the replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

*4 The number calculated for the maximum dose value (over 100 mSv) during the period between March 2011 and September 2014 is associated with the revision made in July 2013 to the internal radiation exposure in March 2011.

The End