

Exposure Dose Distribution

1. Exposure Dose

The distribution of external exposure dose of the workers who engaged in the radiological 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 2014			May 2014			June 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	1	1	0	0	0
10-20	0	19	19	0	47	47	0	18	18
5-10	1	234	235	1	209	210	1	299	300
1-5	94	1743	1837	65	1794	1859	56	1664	1720
1 or less	999	5449	6448	1053	5974	7027	953	6513	7466
Total	1094	7445	8539	1119	8025	9144	1010	8494	9504
Max. (mSv)	5.70	16.00	16.00	5.60	20.70	20.70	6.29	14.99	14.99
Ave.(mSv)	0.38	0.98	0.91	0.31	0.95	0.87	0.27	0.89	0.83

*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 radiological works at the end of May (March 11, 2011 to May 31, 2014) and at the end of June (March 11, 2011 to June 30, 2014) is shown in Table 2. The exposure dose distributions at the end of May (April 2014) and at the end of June (April 2014 to June 2014) are shown in Table 3.

Table 2

Classification (mSv)	March 2011-May 2014			March 2011-June 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	275	137	412	277	143	420	2	6	8
50-75	321	1014	1335	321	1051	1372	0	37	37
20-50	608	4670	5278	611	4741	5352	3	71	74
10-20	563	4276	4839	562	4335	4897	-1	59	58
5-10	459	4042	4501	467	4227	4694	8	185	193
1-5	738	7750	8488	739	7907	8646	1	157	158
1 or less	1091	9074	10165	1100	9403	10503	9	329	338
Total	4205	30987	35192	4227	31831	36058	22	844	866
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave.(mSv)	23.47	10.86	12.37	23.41	10.81	12.29	-	-	-

* 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-May 2014			April 2014-June 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	5	5	0	25	25	0	20	20
10-20	0	186	186	3	401	404	3	215	218
5-10	9	564	573	12	915	927	3	351	354
1-5	219	2897	3116	310	3547	3857	91	650	741
1 or less	989	5442	6431	960	5609	6569	-29	167	138
Total	1217	9094	10311	1285	10497	11782	68	1403	1471
Max. (mSv)	9.30	28.82	28.82	11.92	37.55	37.55	-	-	-
Ave.(mSv)	0.63	1.65	1.53	0.81	2.15	2.00	-	-	-

* 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)	April 2014	May 2014	June 2014	March 2011- June 2014
Over 100	0	0	0	1
75-100	0	0	0	166
50-75	0	0	0	214
20-50	0	0	0	244
10-20	0	0	0	145
5-10	0	1	1	119
1-5	86	57	52	125
1 or less	520	560	533	34
Total	606	618	586	1048
Max. (mSv)	4.80	5.60	6.29	102.69
Ave.(mSv)	0.52	0.42	0.35	37.44

(44 workers out of 630 did not enter the site in June)

*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 June 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 June 2014 is associated with the revision made to the internal radiation exposure in March 2011

The End