

Exposure Dose Distribution

1. External Exposure Dose of Radiation Workers at the Fukushima Daiichi Nuclear Power Station

Table 1 shows what levels of external radiation exposure the workers who were involved in radiation work at the Fukushima Daiichi Nuclear Power Station from February 2015 to April 2015 received.

Table 1

Dose Ranges (mSv)	February 2015			March 2015			April 2015		
	TEPCO's Employees	Contractors	Total	TEPCO's Employees	Contractors	Total	TEPCO's Employees	Contractors	Total
Above 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	36	36	0	118	118	0	24	24
5-10	6	285	291	3	555	558	0	202	202
1-5	74	2214	2288	79	2464	2543	59	2372	2431
1or less	1096	8497	9593	1060	8034	9094	963	7698	8661
Total	1176	11032	12208	1142	11171	12313	1022	10296	11318
Max. (mSv)	8.00	16.80	16.80	6.40	19.90	19.90	4.37	17.05	17.05
Ave. (mSv)	0.33	0.89	0.83	0.32	1.22	1.13	0.25	0.86	0.80

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are times when APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Main Anti-earthquake Building) need to be updated in the table after the publication of the data.

2. External and Internal Exposure Doses of Radiation Workers at the Fukushima Daiichi Nuclear Power Station

Table 2 shows what levels of both external and internal radiation exposure the workers who were involved in radiation work at the Fukushima Daiichi Nuclear Power Station received during the two different periods of time, from March 11, 2011 to March 31, 2015 and from March 11, 2011 to April 30, 2015, comparing the figures of the two periods to indicate whether they increased, decreased or were the same.

Table 3 lists data on the radiation exposure dose of the workers engaged in radiation work in April 2015.

Table 2

Dose Ranges (mSv)	March 2011 - March 2015			March 2011 - April 2015			Difference		
	TEPCO's Employees	Contractors	Total	TEPCO's Employees	Contractors	Total	TEPCO's Employees	Contractors	Total
Above 250	6	0	6	6	0	6	0	0	0
200-250	1	2	3	1	2	3	0	0	0
150-200	26	2	28	26	2	28	0	0	0
100-150	117	20	137	117	20	137	0	0	0
75-100	293	196	489	295	203	498	2	7	9
50-75	331	1363	1694	332	1398	1730	1	35	36
20-50	620	5701	6321	622	5833	6455	2	132	134
10-20	596	5379	5975	597	5461	6058	1	82	83
5-10	493	5013	5506	493	5069	5562	0	56	56
1-5	828	9057	9885	832	9082	9914	4	25	29
1or less	1119	11470	12589	1155	11643	12798	36	173	209
Total	4430	38203	42633	4476	38713	43189	46	510	556
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave. (mSv)	23.15	11.05	12.31	22.97	11.14	12.36	-	-	-

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are times when APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Main Anti-earthquake Building) need to be updated in the table after the publication of the data.

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

Table 3

Dose Ranges (mSv)	April 2015		
	TEPCO's Employees	Contractors	Total
Above 100	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	24	24
5-10	0	202	202
1-5	59	2372	2431
1 or less	963	7698	8661
Total	1022	10296	11318
Max. (mSv)	4.37	17.05	17.05
Ave. (mSv)	0.25	0.86	0.80

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are times when APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Main Anti-earthquake Building) need to be updated in the table after the publication of the data.

3. External and Internal Exposure Doses of “Workers Exposed to Especially High Radiation”

Table 4 shows what levels of both external and internal radiation exposure “workers exposed to especially high radiation”^{*1} received.^{*2}

Table 4

Dose Ranges (mSv)	February 2015	March 2015	April 2015	March 2011 - April 2015
Above 100	0	0	0	1
75-100	0	0	0	182
50-75	0	0	0	229
20-50	0	0	0	253
10-20	0	0	0	172
5-10	0	3	0	131
1-5	67	71	49	141
1 or less	546	541	515	27
Total	613	615	564	1136
Max. (mSv)	3.80	6.40	4.37	102.69
Ave. (mSv)	0.42	0.47	0.33	37.31

(The number of “workers exposed to especially high radiation” in April 2015 was 600, and 36 among them did not work at the site.)

1. “Workers exposed to especially high radiation” means workers who are involved in operations in which they could be exposed to the emergency dose limit (100mSv), which is stipulated in “Ordinance on Prevention of Ionizing Radiation Hazards, chapter 7.” In more detail, they are workers engaged in the work to maintain the function of the reactor facility or the cooling facility to cool down the spent fuel tank in the reactor facility, the steam turbine and its related facilities or the surrounding area where the radiation doses exceed 0.1mSv/h. Or they are workers who would engage in keeping running the function to control or prevent the release of a large number of radioactive materials should it be likely to occur due to malfunction or damage of the reactor facility.

So far workers who have worked as “workers exposed to especially high radiation” are all TEPCO’s employees.

2. The number of “workers exposed to especially high radiation” each month is the number of the workers who applied to work as such workers in a given month and were engaged in that work. The figures in the cumulative data during the period from March 2011 to April 2015 in Table 4 above include the number of workers who used to be “workers exposed to especially high radiation” as well.

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are times when APD data are replaced with monthly dose data measured by integral dosimeters. Or the dose data of workers who wore only an integral dosimeter

(ex., workers who entered only the Main Anti-earthquake Building) need to be updated in the table after the publication of the data.

- The figure shown in the dose range ,“Above 100mSv,” in the cumulative data during the period from March 2011 to April 2015 is the figure when the March 2011 data of the internal exposure dose were reexamined in July 2013.