

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) | May 2013 | | | June 2013 | | | July 2013 | | |
|-------------------------|----------|------------|-------|-----------|------------|-------|-----------|------------|-------|
| | 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 | 5 | 5 | 0 | 7 | 7 | 0 | 6 | 6 |
| 5-10 | 4 | 92 | 96 | 6 | 88 | 94 | 1 | 75 | 76 |
| 1-5 | 100 | 1141 | 1241 | 87 | 1184 | 1271 | 79 | 1109 | 1188 |
| 1 or less | 897 | 3920 | 4817 | 932 | 3707 | 4639 | 797 | 3716 | 4513 |
| Total | 1001 | 5158 | 6159 | 1025 | 4986 | 6011 | 877 | 4906 | 5783 |
| Max. (mSv) | 8.60 | 15.80 | 15.80 | 7.40 | 17.50 | 17.50 | 5.20 | 14.68 | 14.68 |
| Ave. (mSv) | 0.45 | 0.85 | 0.78 | 0.42 | 0.87 | 0.80 | 0.35 | 0.81 | 0.74 |

* Numbers 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 emergency works at the end of June (March 11, 2011 to June 30, 2013) and at the end of July (March 11, 2011 to July 31, 2013) is shown in Table 2. The exposure dose distributions at the end of June (April 2013 to June 2013) and at the end of July (April 2013 to July 2013) are shown in Table 3.

Table 2

| Classification (mSv) | March 2011-June 2013 | | | March 2011-July 2013 | | | 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 | 24 | 2 | 26 | 24 | 2 | 26 | 0 | 0 | 0 |
| 100-150 | 118 | 20 | 138 | 118 | 20 | 138 | 0 | 0 | 0 |
| 75-100 | 241 | 88 | 329 | 241 | 90 | 331 | 0 | 2 | 2 |
| 50-75 | 304 | 641 | 945 | 309 | 669 | 978 | 5 | 28 | 33 |
| 20-50 | 613 | 3798 | 4411 | 610 | 3833 | 4443 | -3 | 35 | 32 |
| 10-20 | 517 | 3555 | 4072 | 525 | 3557 | 4082 | 8 | 2 | 10 |
| 5-10 | 425 | 3323 | 3748 | 423 | 3378 | 3801 | -2 | 55 | 53 |
| 1-5 | 629 | 6344 | 6973 | 634 | 6414 | 7048 | 5 | 70 | 75 |
| 1 or less | 934 | 6995 | 7929 | 964 | 7150 | 8114 | 30 | 155 | 185 |
| Total | 3812 | 24768 | 28580 | 3855 | 25115 | 28970 | 43 | 347 | 390 |
| Max. (mSv) | 678.80 | 238.42 | 678.80 | 678.80 | 238.42 | 678.80 | - | - | - |
| Ave. (mSv) | 24.56 | 10.59 | 12.46 | 24.36 | 10.61 | 12.44 | - | - | - |

* Numbers 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.

* The accumulative exposure doses are fluctuated due to the reexamination of internal radiation exposure.

Table 3

| Classification (mSv) | April 2013-June 2013 | | | April 2013-July 2013 | | | 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 | 11 | 11 | 0 | 27 | 27 | 0 | 16 | 16 |
| 10-20 | 4 | 178 | 182 | 14 | 305 | 319 | 10 | 127 | 137 |
| 5-10 | 38 | 547 | 585 | 46 | 748 | 794 | 8 | 201 | 209 |
| 1-5 | 353 | 2362 | 2715 | 415 | 2614 | 3029 | 62 | 252 | 314 |
| 1 or less | 796 | 3640 | 4436 | 800 | 3753 | 4553 | 4 | 113 | 117 |
| Total | 1191 | 6738 | 7929 | 1275 | 7447 | 8722 | 84 | 709 | 793 |
| Max. (mSv) | 15.50 | 28.20 | 28.20 | 17.95 | 30.87 | 30.87 | - | - | - |
| Ave. (mSv) | 1.18 | 1.99 | 1.86 | 1.34 | 2.33 | 2.19 | - | - | - |

* Numbers 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) | May 2013 | June 2013 | July 2013 | March 2011- July 2013 |
|----------------------|----------|-----------|-----------|-----------------------|
| Over 100 | 0 | 0 | 0 | 1 |
| 75-100 | 0 | 0 | 0 | 133 |
| 50-75 | 0 | 0 | 0 | 198 |
| 20-50 | 0 | 0 | 0 | 227 |
| 10-20 | 0 | 0 | 0 | 97 |
| 5-10 | 2 | 5 | 1 | 79 |
| 1-5 | 79 | 77 | 75 | 71 |
| 1 or less | 395 | 387 | 457 | 44 |
| Total | 476 | 469 | 533 | 850 |
| Max. (mSv) | 8.60 | 7.40 | 5.20 | 102.69 |
| Ave. (mSv) | 0.61 | 0.63 | 0.45 | 39.99 |

(58 workers did not enter the site in July)

*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.

*² Definition of the specific workers under high radiation dose is changed to the workers who were applied as the specific workers under high radiation dose for each month. However, workers who are no longer are the specific workers under high radiation dose are included in the figures from March 2011 to July 2013.

*³ Numbers 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).

*⁴ A person who exposed the maximum dose rate (over 100mSv) in the figures from March 2011 to July 2013 has emerged due to the reexamination of internal radiation exposure in March 2011.

End