Attachment

# 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) | August 2012 | | | September 2012 | | | October 2012 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TEPCO | Contractor | Total | TEPCO | Contractor | Total | TEPCO | Contractor | Total |
| Over 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200-250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150-200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100-150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50-100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-20 | 0 | 0 | 0 | 0 | 27 | 27 | 0 | 20 | 20 |
| 10 or less | 995 | 4,717 | 5,712 | 980 | 4,641 | 5,621 | 864 | 4,636 | 5,500 |
| Total | 995 | 4,717 | 5,712 | 980 | 4,668 | 5,648 | 864 | 4,656 | 5,520 |
| Max. (mSv) | 7.20 | 9.92 | 9.92 | 8.20 | 18.57 | 18.57 | 6.14 | 16.94 | 16.94 |
| Ave. (mSv) | 0.61 | 0.89 | 0.85 | 0.57 | 1.03 | 0.95 | 0.51 | 1.00 | 0.92 |

* 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 September (March 11, 2011 to September 30, 2012) and at the end of October (March 11, 2011 to October 31, 2012) is shown in Table 2. The exposure dose distributions at the end of September (April - September 2012) and at the end of October (April - October 2012) are shown in Table 3.

Table 2

| Classification | March 2011-September 2012 | | | March 2011-October 2012 | | | Fluctuation | | |
|---|---|---|---|---|---|---|---|---|---|
| (mSv) | 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 |
| 50-100 | 500 | 444 | 944 | 504 | 461 | 965 | 4 | 17 | 21 |
| 20-50 | 602 | 2,868 | 3,470 | 604 | 2,929 | 3,533 | 2 | 61 | 63 |
| 10-20 | 489 | 3,086 | 3,575 | 493 | 3,122 | 3,615 | 4 | 36 | 40 |
| 10 or less | 1,821 | 14,139 | 15,960 | 1,857 | 14,438 | 16,295 | 36 | 299 | 335 |
| Total | 3,558 | 20,558 | 24,116 | 3,604 | 20,971 | 24,575 | 46 | 413 | 459 |
| Max. (mSv) | 678.80 | 238.42 | 678.80 | 678.80 | 238.42 | 678.80 | - | - | - |
| Ave. (mSv) | 24.78 | 9.63 | 11.86 | 24.59 | 9.66 | 11.85 | - | - | - |

* 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 | April-September 2012 | | | April-October 2012 | | | Fluctuation | | |
|---|---|---|---|---|---|---|---|---|---|
| (mSv) | TEPCO | Contractor | Total | TEPCO | Contractor | Total | TEPCO | Contractor | Total |
| Over 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200-250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150-200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 100-150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50-100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-50 | 17 | 167 | 184 | 26 | 206 | 232 | 9 | 39 | 48 |
| 10-20 | 58 | 659 | 717 | 63 | 832 | 895 | 5 | 173 | 178 |
| 10 or less | 1,334 | 7,443 | 8,777 | 1,400 | 7,846 | 9,246 | 66 | 403 | 469 |
| Total | 1,409 | 8,269 | 9,678 | 1,489 | 8,884 | 10,373 | 80 | 615 | 695 |
| Max. (mSv) | 33.70 | 36.49 | 36.49 | 35.18 | 40.62 | 40.62 | - | - | - |
| Ave. (mSv) | 2.89 | 3.72 | 3.60 | 3.03 | 3.99 | 3.85 | - | - | - |

* 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*[1] is shown in Table 4.

Table 4

| Classification (mSv) | August 2012 | September 2012 | October 2012 | March 2011-October 2012 |
|---|---|---|---|---|
| Over 250 | 0 | 0 | 0 | 0 |
| 200-250 | 0 | 0 | 0 | 0 |
| 150-200 | 0 | 0 | 0 | 0 |
| 100-150 | 0 | 0 | 0 | 0 |
| 50-100 | 0 | 0 | 0 | 267 |
| 20-50 | 0 | 0 | 0 | 171 |
| 10-20 | 0 | 0 | 0 | 56 |
| 10 or less | 575 | 578 | 578 | 84 |
| Total | 575 | 578 | 578 | 578 |
| Max. (mSv) | 7.20 | 8.20 | 6.14 | 93.35 |
| Ave. (mSv) | 0.92 | 0.86 | 0.76 | 44.76 |

(151 workers did not enter the site in October.)

*[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.

End