Reference Document: Exposure Dosage of Personnel Engaged in Radiation Work by Fiscal Year

(1) Dose at Hokkaido Electric Power Co., Inc., Tomari Power Station

| Items | Fiscal year | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of workers engaged in radiation work (number of personnel) | Employee | 358 | 343 | 307 | 301 | 297 | 294 | 289 | 292 | 376 | 377 |
| | Others | 1,646 | 1,644 | 1,240 | 1,662 | 1,699 | 1,508 | 1,226 | 1,729 | 2,885 | 2,637 |
| | Total | 2,004 | 1,987 | 1,547 | 1,963 | 1,996 | 1,802 | 1,515 | 2,021 | 3,261 | 3,014 |
| Total exposure dose (person-Sv) | Employee | 0.06 | 0.07 | 0.03 | 0.05 | 0.05 | 0.05 | 0.02 | 0.04 | 0.04 | 0.06 |
| | Others | 1.07 | 1.30 | 0.56 | 1.24 | 1.37 | 0.99 | 0.63 | 1.21 | 2.99 | 2.27 |
| | Total | 1.12 | 1.37 | 0.59 | 1.30 | 1.42 | 1.04 | 0.66 | 1.24 | 3.03 | 2.33 |
| Mean dose (mSv) | Employee | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| | Others | 0.6 | 0.8 | 0.5 | 0.8 | 0.8 | 0.7 | 0.5 | 0.7 | 1.0 | 0.9 |
| | Total | 0.6 | 0.7 | 0.4 | 0.7 | 0.7 | 0.6 | 0.4 | 0.6 | 0.9 | 0.8 |
| Number of reactors | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |

(2) Dose at Tohoku Electric Power Co., Inc., Onagawa Nuclear Power Station

| Items | Fiscal year | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of workers engaged in radiation work (number of personnel) | Employee | 437 | 451 | 420 | 407 | 404 | 443 | 451 | 425 | 475 | 461 |
| | Others | 2,131 | 2,963 | 2,827 | 2,324 | 3,033 | 2,782 | 2,401 | 3,139 | 4,190 | 3,877 |
| | Total | 2,568 | 3,414 | 3,247 | 2,731 | 3,437 | 3,225 | 2,852 | 3,564 | 4,665 | 4,338 |
| Total exposure dose (person-Sv) | Employee | 0.05 | 0.07 | 0.08 | 0.08 | 0.09 | 0.07 | 0.07 | 0.09 | 0.06 | 0.09 |
| | Others | 0.55 | 1.53 | 3.69 | 2.64 | 1.87 | 1.05 | 0.85 | 2.99 | 2.57 | 2.50 |
| | Total | 0.60 | 1.60 | 3.76 | 2.72 | 1.96 | 1.12 | 0.92 | 3.08 | 2.63 | 2.59 |
| Mean dose (mSv) | Employee | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 |
| | Others | 0.3 | 0.5 | 1.3 | 1.1 | 0.6 | 0.4 | 0.4 | 1.0 | 0.6 | 0.7 |
| | Total | 0.2 | 0.5 | 1.2 | 1.0 | 0.6 | 0.4 | 0.3 | 0.9 | 0.6 | 0.6 |
| Number of reactors | | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

(3) Dose at Tohoku Electric Power Co., Inc., Higashidori Nuclear Power Station

| Items | Fiscal year | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of workers engaged in radiation work (number of personnel) | Employee | – | – | – | – | 176 | 229 | 241 | 247 | 250 | 250 |
| | Others | – | – | – | – | 720 | 1,088 | 1,579 | 1,292 | 1,770 | 1,789 |
| | Total | – | – | – | – | 896 | 1,317 | 1,820 | 1,539 | 2,020 | 2,039 |
| Total exposure dose (person-Sv) | Employee | – | – | – | – | 0.00 | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 |
| | Others | – | – | – | – | 0.00 | 0.02 | 0.13 | 0.04 | 0.36 | 0.42 |
| | Total | – | – | – | – | 0.00 | 0.03 | 0.15 | 0.06 | 0.39 | 0.46 |
| Mean dose (mSv) | Employee | – | – | – | – | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| | Others | – | – | – | – | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.2 |
| | Total | – | – | – | – | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.2 |
| Number of reactors | | – | – | – | – | 1 | 1 | 1 | 1 | 1 | 1 |

(4) Dose at Tokyo Electric Power Co., Inc., Fukushima Daiichi Nuclear Power Station

| Items | Fiscal year | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of workers engaged in radiation work (number of personnel) | Employee | 872 | 861 | 840 | 921 | 923 | 1,018 | 1,071 | 1,080 | 1,096 | 1,108 |
| | Others | 9,144 | 8,280 | 8,703 | 8,988 | 7,285 | 7,580 | 8,159 | 8,707 | 9,260 | 9,195 |
| | Total | 10,016 | 9,141 | 9,543 | 9,909 | 8,208 | 8,598 | 9,230 | 9,787 | 10,356 | 10,303 |
| Total exposure dose (person-Sv) | Employee | 0.67 | 0.68 | 0.70 | 0.97 | 0.69 | 0.76 | 0.90 | 0.78 | 0.75 | 0.85 |
| | Others | 24.52 | 17.32 | 24.03 | 21.66 | 20.36 | 14.73 | 16.60 | 15.30 | 14.05 | 14.00 |
| | Total | 25.18 | 18.01 | 24.72 | 22.63 | 21.04 | 15.50 | 17.50 | 16.08 | 14.80 | 14.85 |
| Mean dose (mSv) | Employee | 0.8 | 0.8 | 0.8 | 1.0 | 0.7 | 0.7 | 0.8 | 0.7 | 0.7 | 0.8 |
| | Others | 2.7 | 2.1 | 2.8 | 2.4 | 2.8 | 1.9 | 2.0 | 1.8 | 1.5 | 1.5 |
| | Total | 2.5 | 2.0 | 2.6 | 2.3 | 2.6 | 1.8 | 1.9 | 1.6 | 1.4 | 1.4 |
| Number of reactors | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |