Reference Material 5: Management Status of Solid Radioactive Waste (Solid Waste Storage) by Fiscal Year (FY2003-FY2012)

(1) Commercial Nuclear Power Reactor Facilities

(Unit: equivalent number of drums)

| (1) Commercial Nuclear Po | wer Reactor Facilities | | | | | | | (| Onit: equiva | lent numbe | of druins) |
|---|--|---------|-------------|---------|-------------|---------|---------|-------------|---------------|---------------|------------|
| Power Station | | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Hokkaido Electric Power Co., Inc., Tomari Power Station | Generation in this fiscal year | 307 | 436 | 516 | 387 | 412 | 845 | 796 | 884 | 825 | 667 |
| | Reduction in this fiscal year | 135 | 0 | 1 | 0 | 0 | 801 | 30 | 1 | 95 | 182 |
| | Reduction in the station | 135 | 0 | 1 | 0 | 0 | 65 | 30 | 1 | 95 | 182 |
| | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 736 | 0 | 0 | 0 | 0 |
| | Storage at the end of this fiscal year | 4,007 | *1 4,442 | 4,957 | *1 5,343 | 5,755 | 5,799 | *1 6,564 | *1 7,446 | 8,176 | 8,661 |
| | Storage equipment capacity | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 |
| | Generation in this fiscal year | 2,692 | 3,876 | 3,116 | 2,704 | 3,720 | 5,320 | 4,532 | 7,097 | 3,128 | 6,296 |
| TILL EL .: D. C. | Reduction in this fiscal year | 1,664 | 532 | 1,520 | 3,648 | 2,844 | 3,012 | 5,540 | 6,637 | 3,604 | 6,044 |
| Tohoku Electric Power Co., Inc., | Reduction in the station | 1,664 | 532 | 1,520 | 3,648 | 1,852 | 2,052 | 4,900 | 6,317 | 3,604 | 6,044 |
| Onagawa Nuclear Power | Reduction outside the station | 0 | 0 | 0 | 0 | 992 | 960 | 640 | 320 | 0 | 0 |
| Station | Storage at the end of this fiscal year | 20,436 | 23,780 | 25,376 | 24,432 | 25,308 | 27,616 | 26,608 | 27,068 | 26,592 | 26,844 |
| | Storage equipment capacity | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,132 |
| | Generation in this fiscal year | | 0 | 580 | 720 | 1,224 | 2,144 | 2,028 | 1,164 | 1,168 | 392 |
| Tohoku Electric Power Co., | Reduction in this fiscal year | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Inc., | Reduction in the station | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Higashidori Nuclear Power | Reduction outside the station | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Station | Storage at the end of this fiscal year | | 0 | 580 | 1,300 | 2,524 | 4,668 | 6,696 | 7,860 | 9,028 | 9,420 |
| | Storage equipment capacity | | 9,000 | 9,000 | 9,000 | 9,000 | 9,000 | 9,000 | 9,000 | 9,120 | 18,360 |
| Tokyo Electric Power Co., | Generation in this fiscal year | 19,835 | 18,397 | 20,169 | 18,129 | 16,694 | 16,626 | 16,938 | *2 11,850 | *3 | 0 |
| | Reduction in this fiscal year | 22,441 | 19,691 | 13,574 | 16,448 | 11,484 | 14,549 | 13,615 | *2 10,893 | *3 0 | 0 |
| Inc., | Reduction in the station | 16,481 | 15,691 | 10,374 | 12,448 | 11,484 | 12,629 | 10,607 | *2 8,845 | *3 0 | 0 |
| Fukushima Daiichi Nuclear | Reduction outside the station | 5,960 | 4,000 | 3,200 | 4,000 | 0 | 1,920 | 3,008 | *2 2,048 | *3 0 | 0 |
| Power Station | Storage at the end of this fiscal year | 167,101 | 165,807 | 172,402 | 174,083 | 179,293 | 181,370 | 184,693 | *2 185,650 | *3 185,650 | 185,650 |
| | Storage equipment capacity | 284,500 | 284,500 | 284,500 | 284,500 | 284,500 | 284,500 | 284,500 | *2 284,500 | *3 284,500 | 284,500 |
| | Generation in this fiscal year | 3,390 | 3,566 | 4,760 | 2,871 | 3,259 | 2,302 | 2,471 | 2,397 | 71 | 1,191 |
| Tokyo Electric Power Co., | Reduction in this fiscal year | 6,161 | 5,101 | 2,860 | 1,794 | 1,257 | 3,021 | 1,285 | 3,472 | 0 | 0 |
| Inc., | Reduction in the station | 4,161 | 3,101 | 1,900 | 1,794 | 1,257 | 1,021 | 1,285 | 1,472 | 0 | 0 |
| Fukushima Daini Nuclear | Reduction outside the station | 2,000 | 2,000 | 960 | 0 | 0 | 2,000 | 0 | 2,000 | 0 | 0 |
| Power Station | Storage at the end of this fiscal year | 14,474 | 12,939 | 14,839 | 15,916 | 17,918 | 17,199 | 18,385 | 17,310 | 17,381 | 18,572 |
| | Storage equipment capacity | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 |
| Tokyo Electric Power Co., Inc., Kashiwazaki-Kariwa Nuclear Power Station | Generation in this fiscal year | 980 | 2,114 | 4,127 | 3,474 | 691 | 2,083 | 4,224 | 3,387 | 3,141 | 4,525 |
| | Reduction in this fiscal year | 50 | 0 | 18 | 13 | 27 | 53 | 56 | 40 | 2,066 | 5,007 |
| | Reduction in the station | 50 | 0 | 18 | 13 | 27 | 53 | 56 | 40 | 2,066 | 3,607 |
| | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,400 |
| | Storage at the end of this fiscal year | 12,030 | 14,144 | 18,253 | 21,714 | 22,378 | 24,408 | 28,576 | 31,923 | 32,998 | 32,516 |
| | Storage equipment capacity | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 45,000 | 45,000 | 45,000 | 45,000 | 45,000 |
| Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station | Generation in this fiscal year | 4,157 | 3,436 | 3,506 | 4,280 | 3,736 | 5,300 | 5,444 | 5,284 | 3,632 | 4,908 |
| | Reduction in this fiscal year | 4,412 | 3,876 | 3,592 | 3,682 | 3,282 | 5,880 | 5,712 | 5,664 | 4,040 | 4,956 |
| | Reduction in the station | 3,332 | 2,900 | 2,512 | 2,602 | 2,202 | 4,800 | 4,632 | 4,464 | 2,840 | 3,756 |
| | Reduction outside the station | 1,080 | 976 | 1,080 | 1,080 | 1,080 | 1,080 | 1,080 | 1,200 | 1,200 | 1,200 |
| | Storage at the end of this fiscal year | 35,512 | 35,072 | 34,986 | 35,584 | 36,038 | 35,458 | 35,190 | 34,810 | 34,402 | 34,354 |
| | Storage equipment capacity | 42,000 | 42,000 | 42,000 | 42,000 | 42,000 | | | 42,000 | | 42,000 |

^{*1:} The sum of the amount of storage at the end of the previous fiscal year and the amount generated in this fiscal year do not precisely match due to rounding error after performing the conversion.

^{*2:} They were undergoing evaluation by the licensee associated with the influence of Tohoku District-off the Pacific Ocean Earthquake. On April 26, 2013, they were reported.

The data was summed up by the 3rd quarter in FY 2010.

^{*3:} They were undergoing evaluation by the licensee associated with the influence of Tohoku District-off the Pacific Ocean Earthquake. On April 26, 2013, they were reported.

(Unit: equivalent number of drums)

| | (Unit: equivalent number of drums | | | | | | | | | | r of drums) |
|---|--|--------------|--------|--------------|--------------|--------|--------------|--------------|--------|--------------|--------------|
| Power Station | | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Hokuriku Electric Power Co., | Generation in this fiscal year | 268 | 420 | 460 | 744 | 993 | 1,000 | 1,162 | 1,388 | 1,364 | 1,080 |
| | Reduction in this fiscal year | 0 | 0 | 0 | 392 | 477 | 768 | 476 | 1,056 | 648 | 868 |
| Inc., | Reduction in the station | 0 | 0 | 0 | 392 | 477 | 368 | 476 | 576 | 648 | 388 |
| Shika Nuclear Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 480 | 0 | 480 |
| Sinka Pacical Tower Station | Storage at the end of this fiscal year | 2,536 | 2,956 | 3,416 | 3,768 | 4,284 | 4,516 | 5,202 | 5,534 | 6,250 | 6,462 |
| | Storage equipment capacity | 5,000 | 5,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| | Generation in this fiscal year | 4,337 | 2,698 | 3,260 | 3,856 | 3,235 | 4,444 | 4,086 | 5,388 | 3,963 | 4,209 |
| The Kansai Electric Power | Reduction in this fiscal year | 5,527 | 3,143 | 3,008 | 3,431 | 3,544 | 3,729 | 3,715 | 4,759 | 4,219 | 4,750 |
| Co., Inc., | Reduction in the station | 3,983 | 1,703 | 1,576 | 2,191 | 2,344 | 2,369 | 2,515 | 3,399 | 2,779 | 2,806 |
| Mihama Power Station | Reduction outside the station | 1,544 | 1,440 | 1,432 | 1,240 | 1,200 | 1,360 | 1,200 | 1,360 | 1,440 | 1,944 |
| | Storage at the end of this fiscal year | 27,258 | 26,813 | 27,065 | 27,490 | 27,181 | 27,897 | *1 28,267 | 28,896 | 28,640 | *1 28,100 |
| | Storage equipment capacity | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 |
| | Generation in this fiscal year | 1,724 | 1,893 | 3,557 | 3,721 | 2,706 | 3,810 | 4,563 | 3,244 | 2,440 | 1,658 |
| The Kansai Electric Power | Reduction in this fiscal year | 606 | 653 | 2,027 | 1,280 | 1,256 | 1,711 | 1,201 | 1,844 | 2,817 | 2,736 |
| Co., Inc., | Reduction in the station | 606 | 653 | 2,027 | 1,280 | 1,256 | 1,711 | 1,201 | 1,844 | 2,377 | 2,736 |
| Takahama Dawan Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 440 | 0 |
| Takahama Power Station | Storage at the end of this fiscal year | 33,116 | 34,356 | 35,886 | 38,327 | 39,777 | 41,876 | 45,238 | 46,638 | *1 46,262 | 45,184 |
| | Storage equipment capacity | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 |
| | Generation in this fiscal year | 3,377 | 3,592 | 3,344 | 3,336 | 3,329 | 3,544 | 5,490 | 4,750 | 3,729 | 2,570 |
| The Kansai Electric Power | Reduction in this fiscal year | 3,934 | 3,891 | 3,673 | 3,476 | 1,580 | 1,375 | 1,615 | 2,992 | 3,449 | 3,189 |
| Co., Inc., | Reduction in the station | 2,582 | 2,395 | 2,177 | 1,980 | 1,580 | 1,375 | 1,615 | 1,576 | 1,449 | 1,157 |
| Ohi Power Station | Reduction outside the station | 1,352 | 1,496 | 1,496 | 1,496 | 0 | 0 | 0 | 1,416 | 2,000 | 2,032 |
| | Storage at the end of this fiscal year | 24,257 | 23,958 | *1 23,628 | *1 23,488 | 25,237 | *1 27,407 | *1 31,283 | 33,041 | 33,321 | 32,702 |
| | Storage equipment capacity | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 |
| | Generation in this fiscal year | 4,434 | 4,075 | 2,674 | 4,312 | 4,128 | 3,350 | 3,286 | 3,984 | 3,461 | 3,276 |
| The Chugoku Electric Power | Reduction in this fiscal year | 3,585 | 4,297 | 4,313 | 4,614 | 3,373 | 3,462 | 4,074 | 2,767 | 3,596 | 3,877 |
| Co., Inc., | Reduction in the station | 3,585 | 3,409 | 3,033 | 3,334 | 2,333 | 3,462 | 2,794 | 2,767 | 2,316 | 3,261 |
| Shimane Nuclear Power Station | Reduction outside the station | 0 | 888 | 1,280 | 1,280 | 1,040 | 0 | 1,280 | 0 | 1,280 | 616 |
| | Storage at the end of this fiscal year | 28,807 | 28,585 | 26,946 | 26,644 | 27,399 | 27,287 | 26,499 | 27,716 | 27,581 | 26,980 |
| | Storage equipment capacity | 35,500 | 35,500 | 35,500 | 35,500 | 35,500 | 35,500 | 35,500 | 35,500 | 35,500 | 35,500 |
| Shikoku Electric Power Co., Inc., Ikata Power Station | Generation in this fiscal year | 2,233 | 3,509 | 4,253 | 2,804 | 2,492 | 2,632 | 2,625 | 3,124 | 3,138 | 3,219 |
| | Reduction in this fiscal year | 1,264 | 1,080 | 845 | 1,357 | 2,247 | 1,326 | 2,456 | 2,600 | 3,333 | 4,251 |
| | Reduction in the station | 1,264 | 1,080 | 845 | 1,357 | 1,367 | 1,326 | 1,872 | 2,600 | 2,693 | 3,291 |
| | Reduction outside the station | 0 | 0 | 0 | 0 | 880 | 0 | 584 | 0 | 640 | 960 |
| | Storage at the end of this fiscal year | *1 20,492 | 22,921 | 26,329 | 27,776 | 28,021 | 29,327 | *1 29,495 | 30,019 | 29,824 | 28,792 |
| | Storage equipment capacity | 38,500 | 38,500 | 38,500 | 38,500 | 38,500 | 38,500 | 38,500 | 38,500 | 38,500 | 38,500 |
| | | | | | | | | | | | |

(Unit: equivalent number of drums)

| D 0: -: | | | | | | | | | | | r of drums) |
|---|--|---------------|---------------|---------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Power Station | | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
| Kyushu Electric Power Co., | Generation in this fiscal year | 2,347 | 4,066 | 3,078 | 2,259 | 2,242 | 3,266 | 4,140 | 5,362 | 5,359 | 5,170 |
| | Reduction in this fiscal year | 1,801 | 1,051 | 845 | 611 | 402 | 641 | 923 | 2,275 | 3,791 | 6,113 |
| Inc., | Reduction in the station | 1,801 | 1,051 | 845 | 611 | 402 | 641 | 923 | 1,955 | 3,351 | 5,073 |
| Genkai Nuclear Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 320 | 440 | 1,040 |
| | Storage at the end of this fiscal year | 20,480 | 23,495 | 25,728 | 27,376 | 29,216 | 31,841 | 35,058 | 38,145 | 39,713 | 38,770 |
| | Storage equipment capacity | 29,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 |
| | Generation in this fiscal year | 1,170 | 1,005 | 1,039 | 1,504 | 2,580 | 3,485 | 1,533 | 1,541 | 2,112 | 723 |
| Kyushu Electric Power Co., | Reduction in this fiscal year | 147 | 438 | 1,031 | 1,301 | 649 | 228 | 594 | 642 | 771 | 610 |
| Inc., | Reduction in the station | 147 | 438 | 1,031 | 1,301 | 649 | 228 | 594 | 642 | 451 | 610 |
| Sendai Nuclear Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 320 | 0 |
| | Storage at the end of this fiscal year | 11,173 | 11,740 | 11,748 | 11,951 | 13,882 | 17,139 | 18,078 | 18,977 | 20,318 | 20,431 |
| | Storage equipment capacity | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 | 37,000 | 37,000 | 37,000 | 37,000 | 37,000 |
| | Generation in this fiscal year | 280 | 651 | 4,730 | 799 | 2,167 | 2,000 | 1,253 | 780 | 648 | 959 |
| | Reduction in this fiscal year | 156 | 879 | 3,794 | 795 | 1,770 | 2,012 | 1,233 | 748 | 680 | 905 |
| The Japan Atomic Power Company Co., Ltd., | Reduction in the station *4 | 156 | 879 | 3,794 | 639 | 1,678 | 1,784 | 1,233 | 748 | 680 | 825 |
| Tokai Power Station | Reduction outside the station | 0 | 0 | 0 | *5 156 | *5 92 | *5 228 | 0 | 0 | 0 | *5 80 |
| | Storage at the end of this fiscal year | 284 | 56 | 992 | 996 | 1,393 | 1,381 | 1,401 | 1,433 | 1,401 | 1,455 |
| | Storage equipment capacity | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 |
| | Generation in this fiscal year | 1,660 | 1,264 | 1,702 | 1,585 | 1,277 | 2,587 | 4,821 | 3,135 | 3,599 | 2,565 |
| | Reduction in this fiscal year | 700 | 0 | 26 | 1,812 | 2,420 | 2,714 | 5,039 | 2,748 | 2,677 | 2,705 |
| The Japan Atomic Power Company Co., Ltd., | Reduction in the station *6 | 700 | 0 | 26 | 1,812 | 2,420 | 2,498 | 4,519 | 2,284 | 2,677 | 2,629 |
| Tokai No. 2 Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | *8 216 | *8 520 | 464 | 0 | 76 |
| | Storage at the end of this fiscal year*7 | 43,366 | 45,509 | 50,979 | 51,391 | 51,926 | 53,583 | 54,598 | 55,733 | 57,335 | 58,020 |
| | Storage equipment capacity | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 |
| | Generation in this fiscal year | 1,920 | 2,272 | 2,290 | 1,952 | 2,321 | 2,884 | 3,033 | 3,482 | 5,621 | 3,016 |
| The Japan Atomic Power Company Co., Ltd., Tsuruga Power station | Reduction in this fiscal year | 3,860 | 1,384 | 2,080 | 1,256 | 1,333 | 2,468 | 1,948 | 2,024 | 3,592 | 3,107 |
| | Reduction in the station | 2,748 | 1,384 | 1,784 | 1,256 | 1,333 | 2,084 | 1,948 | 2,024 | 3,400 | 3,107 |
| | Reduction outside the station | 1,112 | 0 | 296 | 0 | 0 | 384 | 0 | 0 | 192 | 0 |
| | Storage at the end of this fiscal year | 62,339 | 63,227 | 63,437 | 64,133 | 65,121 | 65,537 | 66,622 | 68,080 | 70,109 | 70,018 |
| | Storage equipment capacity | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 | 85,000 |
| Grand Total | Generation in this fiscal year | 55,111 | 57,270 | 67,161 | 59,437 | 57,206 | 67,622 | 72,425 | 68,241 | 47,399 | 46,424 |
| | Reduction in this fiscal year | 56,287 | 45,137 | 39,413 | 45,271 | 36,267 | 45,966 | 48,279 | 50,414 | 38,698 | 48,475 |
| | Reduction in the station *9 | 43,239 | 34,337 | 29,669 | 36,019 | 30,983 | 36,682 | 39,967 | 40,806 | 30,746 | 38,647 |
| | Reduction outside the station | 13,048 | 10,800 | 9,744 | *10 9,252 | *10 5,284 | *10 9,284 | *10 8,312 | *10 9,608 | 7,952 | *10 9,828 |
| | Storage at the end of this fiscal year | *1 527,668 | *1 539,800 | *1 567,547 | *1 | 602,651 | *1 624,309 | *1 648,453 | *1 666,279 | *1 674,981 | *1 672,931 |
| | Storage equipment capacity | 845,600 | 874,600 | 879,600 | | | | 914,600 | 914,600 | | 924,092 |
| * 4. Reduction achieved by | transferming weets to the Tel | | | | , | , | . , | . , | . , | . , | , |

^{* 4:} Reduction achieved by transferring waste to the Tokai No.2 Power Station

^{* 5:} Reduction achieved by clearance treatment

^{* 6:} Includes the reduction achieved at the Tokai Power Station.

 $[\]ast$ 7: Includes the waste transferred from the Tokai Power Station.

^{* 8:} The amount of shipped waste for burial includes the waste from the Tokai Power Station. (72 drums in FY 2008, 72 drums in FY 2009)

^{* 9:} Does not include the reduction achieved by transfer from the Tokai Power Station to Tokai No.2 Power Station.

^{*10:} Includes the reduction achieved by clearance treatment at the Tokai Power Station

 $^{(156\} drums\ in\ FY\ 2006,\ 92\ drums\ in\ FY\ 2007,\ 252\ drums\ in\ FY\ 2008,\ 336\ drums\ in\ FY\ 2009,\ 144\ drums\ in\ FY\ 2010,\ and\ 156\ drums\ in\ FY\ 2012)$