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

(1) Commercial Nuclear Power Reactor Facilities

| (1) Commercial Nuclear Power Reactor Facilities (Unit: equivalent) | | | | | | | | valent numb | er of drums) | | |
|--|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------|
| Power Station | Item | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 |
| Hokkaido Electric Power Co., | Production in this fiscal year | 356 | 307 | 436 | 516 | 387 | 412 | 845 | 796 | 884 | 825 |
| | Reduction in this fiscal year | 100 | 135 | 0 | 1 | 0 | 0 | 801 | 30 | 1 | 95 |
| Inc., | Reduction in the station | 100 | 135 | 0 | 1 | 0 | 0 | 65 | 30 | 1 | 95 |
| Tomari Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 736 | 0 | 0 | 0 |
| | Storage at the end of this fiscal year | 3,835 | 4,007 | *1 4,442 | 4,957 | *1 5,343 | 5,755 | 5,799 | *1 6,564 | *1 7,446 | 8,176 |
| | Storage equipment capacity | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 | 18,000 |
| | Production in this fiscal year | 2,912 | 2,692 | 3,876 | 3,116 | 2,704 | 3,720 | 5,320 | 4,532 | 7,097 | 3,128 |
| Tohoku Electric Power Co., | Reduction in this fiscal year | 1,500 | 1,664 | 532 | 1,520 | 3,648 | 2,844 | 3,012 | 5,540 | 6,637 | 3,604 |
| Inc., | Reduction in the station | 1,500 | 1,664 | 532 | 1,520 | 3,648 | 1,852 | 2,052 | 4,900 | 6,317 | 3,604 |
| Onagawa Nuclear Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 992 | 960 | 640 | 320 | 0 |
| onagawa racical i owei station | Storage at the end of this fiscal year | 19,408 | 20,436 | 23,780 | 25,376 | 24,432 | 25,308 | 27,616 | 26,608 | 27,068 | 26,592 |
| | Storage equipment capacity | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 |
| | Production in this fiscal year | | | 0 | 580 | 720 | 1,224 | 2,144 | 2,028 | 1,164 | 1,168 |
| Tohoku Electric Power Co., | Reduction in this fiscal year | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Inc., | Reduction in the station | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Higashidori Nuclear Power | Reduction outside the station | | | 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 |
| | Storage equipment capacity | | | 9,000 | 9,000 | 9,000 | 9,000 | 9,000 | 9,000 | 9,000 | 9,120 |
| | Production in this fiscal year | 15,618 | 19,835 | 18,397 | 20,169 | 18,129 | 16,694 | 16,626 | 16,938 | *2 | *2 |
| Tokyo Electric Power Co., Inc., | Reduction in this fiscal year | 16,187 | 22,441 | 19,691 | 13,574 | 16,448 | 11,484 | 14,549 | 13,615 | *2 | *2 |
| Tokyo Electric Tower Co., inc., | Reduction in the station | 12,347 | 16,481 | 15,691 | 10,374 | 12,448 | 11,484 | 12,629 | 10,607 | *2 | *2 |
| Fukushima Daiichi Nuclear | Reduction outside the station | 3,840 | 5,960 | 4,000 | 3,200 | 4,000 | 0 | 1,920 | 3,008 | *2 | *2 |
| Power Station | Storage at the end of this fiscal year | 169,707 | 167,101 | 165,807 | 172,402 | Í | 179,293 | 181,370 | 184,693 | *2 | *2 |
| | Storage equipment capacity | | | , | | 174,083 | | Í | , | *2 | *2 |
| | Production in this fiscal year | 284,500 | 284,500 | 284,500 | 284,500 | 284,500 | 284,500 | 284,500 | 284,500 | 2 207 | 71 |
| | Reduction in this fiscal year | 3,281 | 3,390 | 3,566 | 4,760 | 2,871 | 3,259 | 2,302 | 2,471 | 2,397 | 71 |
| Tokyo Electric Power Co., Inc., | Reduction in the station | 6,607 4,607 | 6,161 4,161 | 5,101 3,101 | 2,860 1,900 | 1,794 1,794 | 1,257 1,257 | 3,021 1,021 | 1,285 1,285 | 3,472 1,472 | 0 |
| Fukushima Daini Nuclear | Reduction outside the station | 2,000 | 2,000 | 2,000 | 960 | 0 | | | 0 | 2,000 | 0 |
| Power Station | Storage at the end of this fiscal year | 17,245 | 14,474 | 12,939 | 14,839 | 15,916 | 17,918 | 17,199 | 18,385 | 17,310 | 17,381 |
| | Storage equipment capacity | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 | 32,000 |
| | Production in this fiscal year | 761 | 980 | 2,114 | 4,127 | 3,474 | 691 | 2,083 | 4,224 | 3,387 | 3,141 |
| Tokyo Electric Power Co., Inc., Kashiwazaki-Kariwa Nuclear Power Station | Reduction in this fiscal year | 24 | 50 | 0 | 18 | 13 | 27 | 53 | 56 | 40 | 2,066 |
| | Reduction in the station | 24 | 50 | 0 | 18 | 13 | 27 | 53 | 56 | 40 | 2,066 |
| | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Storage at the end of this fiscal year | 11,100 | 12,030 | 14,144 | 18,253 | 21,714 | 22,378 | 24,408 | 28,576 | 31,923 | 32,998 |
| | Storage equipment capacity | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 30,000 | 45,000 | 45,000 | 45,000 | 45,000 |
| Chubu Electric Power Co., Inc., Hamaoka Nuclear Power Station | Production in this fiscal year | 1,876 | 4,157 | 3,436 | 3,506 | 4,280 | 3,736 | 5,300 | 5,444 | 5,284 | 3,632 |
| | Reduction in this fiscal year | 1,380 | 4,412 | 3,876 | 3,592 | 3,682 | 3,282 | 5,880 | 5,712 | 5,664 | 4,040 |
| | Reduction in the station | 340 | 3,332 | 2,900 | 2,512 | 2,602 | 2,202 | 4,800 | 4,632 | 4,464 | 2,840 |
| | Reduction outside the station | 1,040 | 1,080 | 976 | 1,080 | 1,080 | 1,080 | 1,080 | 1,080 | 1,200 | 1,200 |
| | Storage at the end of this fiscal year | 35,767 | 35,512 | 35,072 | 34,986 | 35,584 | 36,038 | 35,458 | 35,190 | 34,810 | 34,402 |
| | Storage equipment capacity | 42,000 | 42,000 | | 42,000 | | 42,000 | 42,000 | 42,000 | 42,000 | 42,000 |
| | | 42,000 | 42,000 | 42,000 | 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:} Currently undergoing evaluation by the licensee associated with the Tohoku District – off the Pacific Ocean Earthquake

(Unit: equivalent number of drums)

| | 1 | | | | | | | | (Unit: equi | valent numb | er of arums |
|---------------------------------------|--|--------------|--------------|---------|--------------|--------------|---------|--------------|--------------|-------------|--------------|
| Power Station | Item | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 |
| Hokuriku Electric Power Co., Inc., | Production in this fiscal year | 324 | 268 | 420 | 460 | 744 | 993 | 1,000 | 1,162 | 1,388 | 1,364 |
| | Reduction in this fiscal year | 0 | 0 | 0 | 0 | 392 | 477 | 768 | 476 | 1,056 | 648 |
| | Reduction in the station | 0 | 0 | 0 | 0 | 392 | 477 | 368 | 476 | 576 | 648 |
| Shika Nuclear Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 400 | 0 | 480 | 0 |
| | Storage at the end of this fiscal year | 2,268 | 2,536 | 2,956 | 3,416 | 3,768 | 4,284 | 4,516 | 5,202 | 5,534 | 6,250 |
| | Storage equipment capacity | 5,000 | 5,000 | 5,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| | Production in this fiscal year | 3,135 | 4,337 | 2,698 | 3,260 | 3,856 | 3,235 | 4,444 | 4,086 | 5,388 | 3,963 |
| Kansai Electric Power Co., Inc. | Reduction in this fiscal year | 3,423 | 5,527 | 3,143 | 3,008 | 3,431 | 3,544 | 3,729 | 3,715 | 4,759 | 4,219 |
| | Reduction in the station | 2,703 | 3,983 | 1,703 | 1,576 | 2,191 | 2,344 | 2,369 | 2,515 | 3,399 | 2,779 |
| Mihama Power Station | Reduction outside the station | 720 | 1,544 | 1,440 | 1,432 | 1,240 | 1,200 | 1,360 | 1,200 | 1,360 | 1,440 |
| | Storage at the end of this fiscal year | 28,448 | 27,258 | 26,813 | 27,065 | 27,490 | 27,181 | 27,897 | *1 28,267 | 28,896 | 28,640 |
| | Storage equipment capacity | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 | 35,000 |
| | Production in this fiscal year | 1,440 | 1,724 | 1,893 | 3,557 | 3,721 | 2,706 | 3,810 | 4,563 | 3,244 | 2,440 |
| Kansai Electric Power Co., Inc. | Reduction in this fiscal year | 743 | 606 | 653 | 2,027 | 1,280 | 1,256 | 1,711 | 1,201 | 1,844 | 2,817 |
| Kansar Electric Fower Co., Inc., | Reduction in the station | 743 | 606 | 653 | 2,027 | 1,280 | 1,256 | 1,711 | 1,201 | 1,844 | 2,377 |
| Takahama Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 440 |
| | Storage at the end of this fiscal year | 31,998 | 33,116 | 34,356 | 35,886 | 38,327 | 39,777 | 41,876 | 45,238 | 46,638 | *1 46,262 |
| | Storage equipment capacity | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 | 50,600 |
| | Production in this fiscal year | 2,726 | 3,377 | 3,592 | 3,344 | 3,336 | 3,329 | 3,544 | 5,490 | 4,750 | 3,729 |
| Kansai Electric Power Co., Inc. | Reduction in this fiscal year | 4,273 | 3,934 | 3,891 | 3,673 | 3,476 | 1,580 | 1,375 | 1,615 | 2,992 | 3,449 |
| Kansar Electric Fower Co., Inc., | Reduction in the station | 2,777 | 2,582 | 2,395 | 2,177 | 1,980 | 1,580 | 1,375 | 1,615 | 1,576 | 1,449 |
| Ohi Power Station | Reduction outside the station | 1,496 | 1,352 | 1,496 | 1,496 | 1,496 | 0 | 0 | | 1,416 | 2,000 |
| | Storage at the end of this fiscal year | 24,814 | 24,257 | 23,958 | *1 23,628 | *1 23,488 | 25,237 | *1 27,407 | *1 31,283 | 33,041 | 33,321 |
| | Storage equipment capacity | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 | 38,900 |
| | Production in this fiscal year | 1,795 | 4,434 | 4,075 | 2,674 | 4,312 | 4,128 | 3,350 | 3,286 | 3,984 | 3,461 |
| Chugoku Electric Power Co., | Reduction in this fiscal year | 3,143 | 3,585 | 4,297 | 4,313 | 4,614 | 3,373 | 3,462 | 4,074 | 2,767 | 3,596 |
| Inc., Shimane Nuclear Power Station | Reduction in the station | 3,143 | 3,585 | 3,409 | 3,033 | 3,334 | 2,333 | 3,462 | 2,794 | 2,767 | 2,316 |
| | Reduction outside the station | 0 | 0 | 888 | 1,280 | 1,280 | 1,040 | 0 | 1,280 | 0 | 1,280 |
| | Storage at the end of this fiscal year | 27,958 | 28,807 | 28,585 | 26,946 | 26,644 | 27,399 | 27,287 | 26,499 | 27,716 | 27,581 |
| | 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., | Production in this fiscal year | 2,452 | 2,233 | 3,509 | 4,253 | 2,804 | 2,492 | 2,632 | 2,625 | 3,124 | 3,138 |
| | Reduction in this fiscal year | 828 | 1,264 | 1,080 | 845 | 1,357 | 2,247 | 1,326 | 2,456 | 2,600 | 3,333 |
| | Reduction in the station | 828 | 1,264 | 1,080 | 845 | 1,357 | 1,367 | 1,326 | 1,872 | 2,600 | 2,693 |
| Ikata Power Station | Reduction outside the station | 0 | | 0 | 0 | 0 | 880 | 0 | 584 | 0 | 640 |
| | Storage at the end of this fiscal year | *1 19,524 | *1 20,492 | 22,921 | 26,329 | 27,776 | 28,021 | 29,327 | *1 29,495 | 30,019 | 29,824 |
| | 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)

| į | | | | | | | | | (Unit: equi | valent numb | er of drums |
|-------------------------------------|--|---------------|---------------|---------------|---------------|---------------|-------------|---------------|-------------|---------------|---------------|
| Power Station | Item | FY 2002 | FY 2003 | FY 2004 | FY 2005 | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 |
| Kyushu Electric Power Co., Inc., | Production in this fiscal year | 2,094 | 2,347 | 4,066 | 3,078 | 2,259 | 2,242 | 3,266 | 4,140 | 5,362 | 5,359 |
| | Reduction in this fiscal year | 2,303 | 1,801 | 1,051 | 845 | 611 | 402 | 641 | 923 | 2,275 | 3,791 |
| | Reduction in the station | 1,703 | 1,801 | 1,051 | 845 | 611 | 402 | 641 | 923 | 1,955 | 3,351 |
| Genkai Nuclear Power Station | Reduction outside the station | 600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 320 | 440 |
| | Storage at the end of this fiscal year | 19,934 | 20,480 | 23,495 | 25,728 | 27,376 | 29,216 | 31,841 | 35,058 | 38,145 | 39,713 |
| | Storage equipment capacity | 29,000 | 29,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 | 49,000 |
| | Production in this fiscal year | 769 | 1,170 | 1,005 | 1,039 | 1,504 | 2,580 | 3,485 | 1,533 | 1,541 | 2,112 |
| Kyushu Electric Power Co., | Reduction in this fiscal year | 394 | 147 | 438 | 1,031 | 1,301 | 649 | 228 | 594 | 642 | 771 |
| Inc., | Reduction in the station | 394 | 147 | 438 | 1,031 | 1,301 | 649 | 228 | 594 | 642 | 451 |
| Sendai Nuclear Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 320 |
| | Storage at the end of this fiscal year | 10,150 | 11,173 | 11,740 | 11,748 | 11,951 | 13,882 | 17,139 | 18,078 | 18,977 | 20,318 |
| | Storage equipment capacity | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 | 17,000 | 37,000 | 37,000 | 37,000 | 37,000 |
| | Production in this fiscal year | 468 | 280 | 651 | 4,730 | 799 | 2,167 | 2,000 | 1,253 | 780 | 648 |
| The Japan Atomic Power | Reduction in this fiscal year | 616 | 156 | 879 | 3,794 | 795 | 1,770 | 2,012 | 1,233 | 748 | 680 |
| Company, | Reduction in the station *3 | 616 | 156 | 879 | 3,794 | 639 | 1,678 | 1,784 | 1,233 | 748 | 680 |
| Tokai Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | *6 156 | *6 92 | *6 228 | | 0 | 0 |
| | Storage at the end of this fiscal year | 160 | 284 | 56 | 992 | 996 | 1,393 | 1,381 | 1,401 | 1,433 | 1,401 |
| | Storage equipment capacity | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 |
| | Production in this fiscal year | 776 | 1,660 | 1,264 | 1,702 | 1,585 | 1,277 | 2,587 | 4,821 | 3,135 | 3,599 |
| The Japan Atomic Power | Reduction in this fiscal year | 888 | 700 | 0 | 26 | 1,812 | 2,420 | 2,714 | 5,039 | 2,748 | 2,677 |
| Company, | Reduction in the station *4 | 888 | 700 | 0 | 26 | 1,812 | 2,420 | 2,498 | 4,519 | 2,284 | 2,677 |
| Tokai Daini Power Station | Reduction outside the station | 0 | 0 | 0 | 0 | 0 | 0 | *7 216 | *7 520 | 464 | 0 |
| Tokai Daini Towei Station | Storage at the end of this fiscal year*5 | 42,250 | 43,366 | 45,509 | 50,979 | 51,391 | 51,926 | 53,583 | 54,598 | 55,733 | 57,335 |
| | Storage equipment capacity | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 | 73,000 |
| | Production in this fiscal year | 1,897 | 1,920 | 2,272 | 2,290 | 1,952 | 2,321 | 2,884 | 3,033 | 3,482 | 5,621 |
| The Japan Atomic Power | Reduction in this fiscal year | 1,632 | 3,860 | 1,384 | 2,080 | 1,256 | 1,333 | 2,468 | 1,948 | 2,024 | 3,592 |
| Company, | Reduction in the station | 1,632 | 2,748 | 1,384 | 1,784 | 1,256 | 1,333 | 2,084 | 1,948 | 2,024 | 3,400 |
| Tsuruga Power Station | Reduction outside the station | 0 | 1,112 | 0 | 296 | 0 | 0 | 384 | 0 | 0 | 192 |
| | Storage at the end of this fiscal year | 64,279 | 62,339 | 63,227 | 63,437 | 64,133 | 65,121 | 65,537 | 66,622 | 68,080 | 70,109 |
| | 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 | Production in this fiscal year | 42,680 | 55,111 | 57,270 | 67,161 | 59,437 | 57,206 | 67,622 | 72,425 | 56,391 | 47,399 |
| | Reduction in this fiscal year | 43,425 | 56,287 | 45,137 | 39,413 | 45,271 | 36,267 | 45,966 | 48,279 | 39,521 | 38,698 |
| | Reduction in the station *8 | 33,729 | 43,239 | 34,337 | 29,669 | 36,019 | 30,983 | 36,682 | 39,967 | 31,961 | 30,746 |
| | Reduction outside the station | 9,696 | 13,048 | 10,800 | 9,744 | *9 9,252 | *9 5,284 | *9 9,284 | *9 8,312 | *9 7,560 | 7,952 |
| | Storage at the end of this fiscal year | *1 528,845 | *1 527,668 | *1 539,800 | *1 567,547 | *1 581,712 | 602,651 | *1 624,309 | *1 | *1 480,629 | *1 489,331 |
| | Storage equipment capacity | 845,600 | 845,600 | 874,600 | 879,600 | 879,600 | 879,600 | 914,600 | , | 630,100 | 630,220 |
| L | 1 | ,000 | ,000 | ,000 | 2.,000 | 277,000 | 277,000 | ,000 | ,000 | ,100 | ,0 |

^{*3:} Reduction achieved by transferring waste to the Tokai Daini Power Station

^{*4:} Includes the amount corresponding to the Tokai Power Station

^{*5:} Includes the waste transferred from the Tokai Power Station

^{*6:} Reduction achieved by clearance treatment

^{*7:} 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)

^{*8:} Does not include the reduction associated with the transfer of waste from the Tokai Power Station to the Tokai Daini Power Station of Japan Atomic Power Company

^{*9:} 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, and 144 drums in FY 2010)

^{*10:} Data for this fiscal year excludes the data at Fukushima Daiichi, which was undergoing evaluation by the licensee.