



2005

ISOE INFORMATION SHEET

JAPANESE DOSIMETRIC RESULTS: FY 2004 DATA AND TRENDS

ISOE Asian Technical Center - JNES Information Sheet No. 28

This ISOE information sheet presents the Japanese occupational exposure results in FY 2004 and trends from FY 1985 to FY 2004 for commercial reactors in operation which include PWRs, BWRs and a GCR. *

Tables 1 and 2 give the total collective doses and the average collective doses per reactor for PWRs, BWRs and LWRs, respectively, ended in FY 2003 and FY 2004.

The FY 2004 has resulted in the decrease of the total collective dose for BWRs.

The decrease in collective dose of BWRs for FY 2004 was due to reduce the check and repair of the piping of Primary Loop Recirculation System as the modification work during the periodical inspections.

Figures 3 to 6 show the trends from FY 1985 of the total collective dose, the average collective dose per generated electricity by reactor and the average individual dose etc. in Japan.

Table 1. Total collective dose in FY 2003 and FY 2004

Reactor Type	Total Collective Dose (man.Sv)	
	FY 2003	FY 2004
PWRs	24.52	28.78
BWRs	71.86	49.02
Total	96.39	77.81

Table 2. Average collective dose per reactor in FY 2003 and FY 2004

Reactor Type	Average Collective Dose (man.Sv)	
	FY 2003	FY 2004
PWRs	1.07	1.25
BWRs	2.40	1.58
Total	1.82	1.44

* GCR; The Tokai NPS, the sole GCR in Japan ceased commercial operation in March 31, 1998.

Figure 1

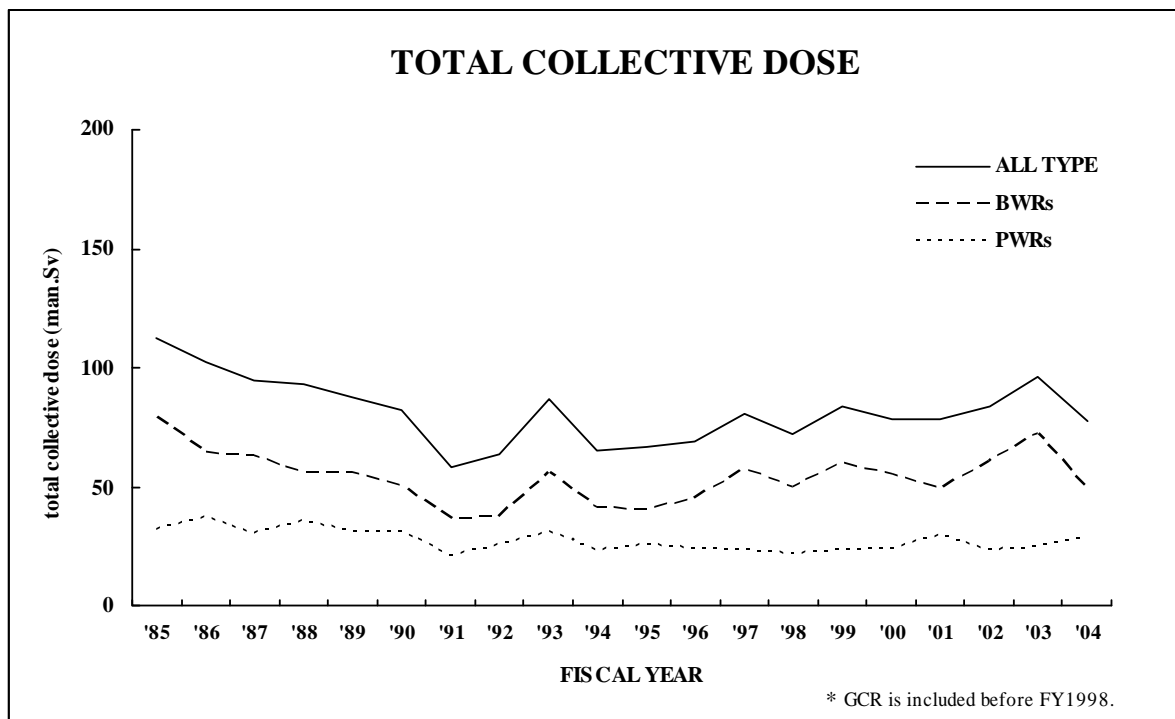


Figure 2

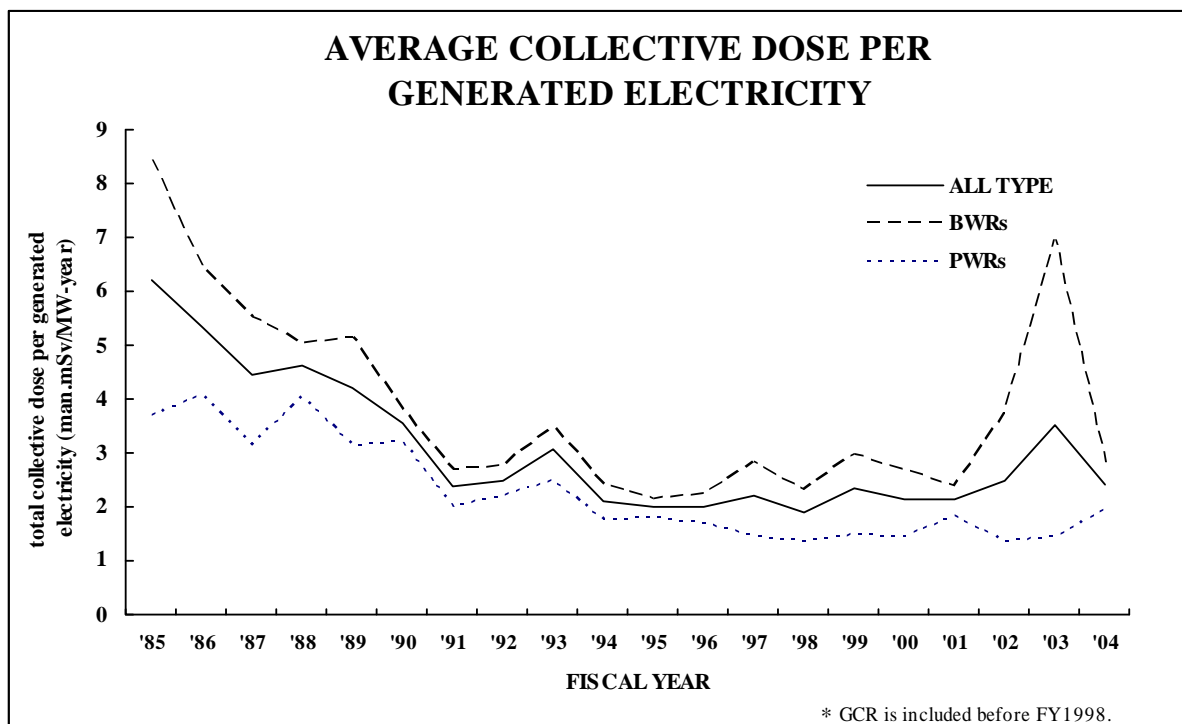


Figure 3

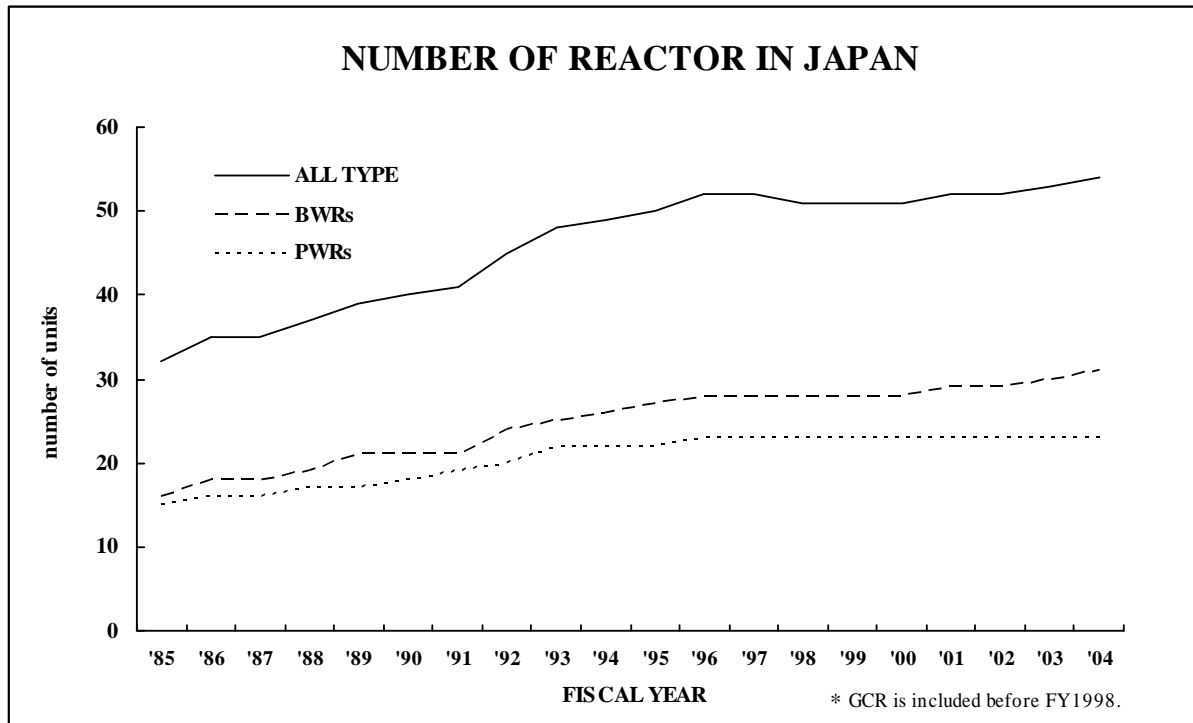


Figure 4

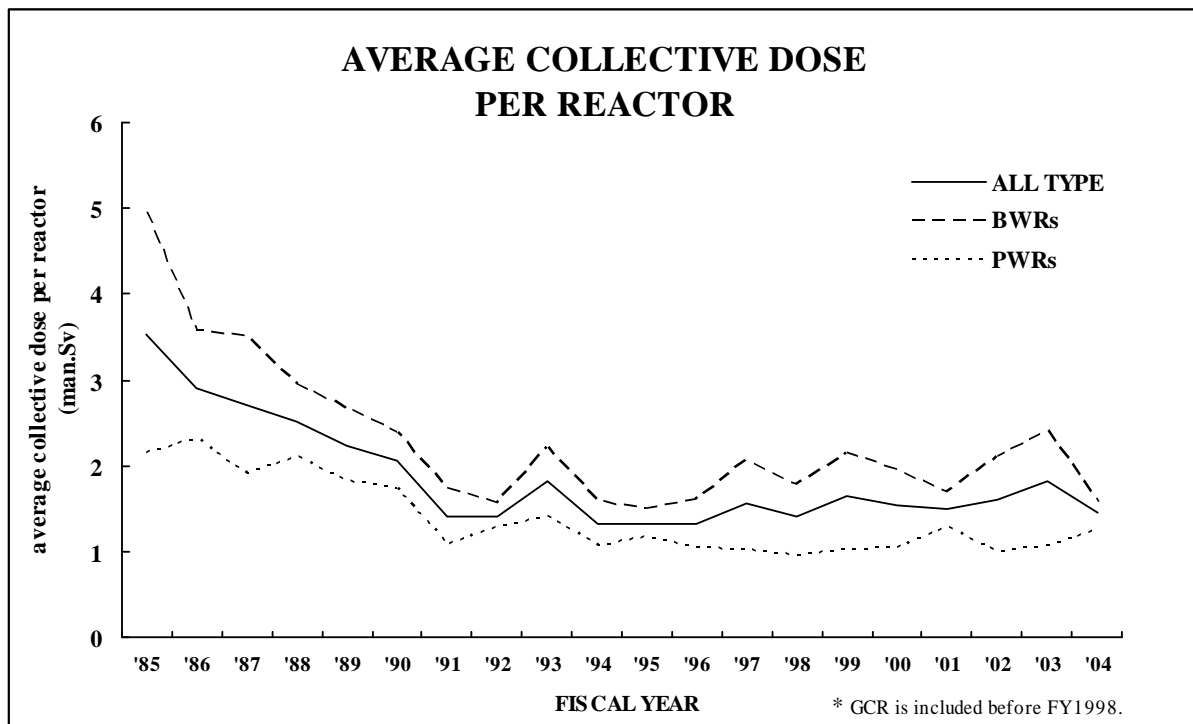


Figure 5

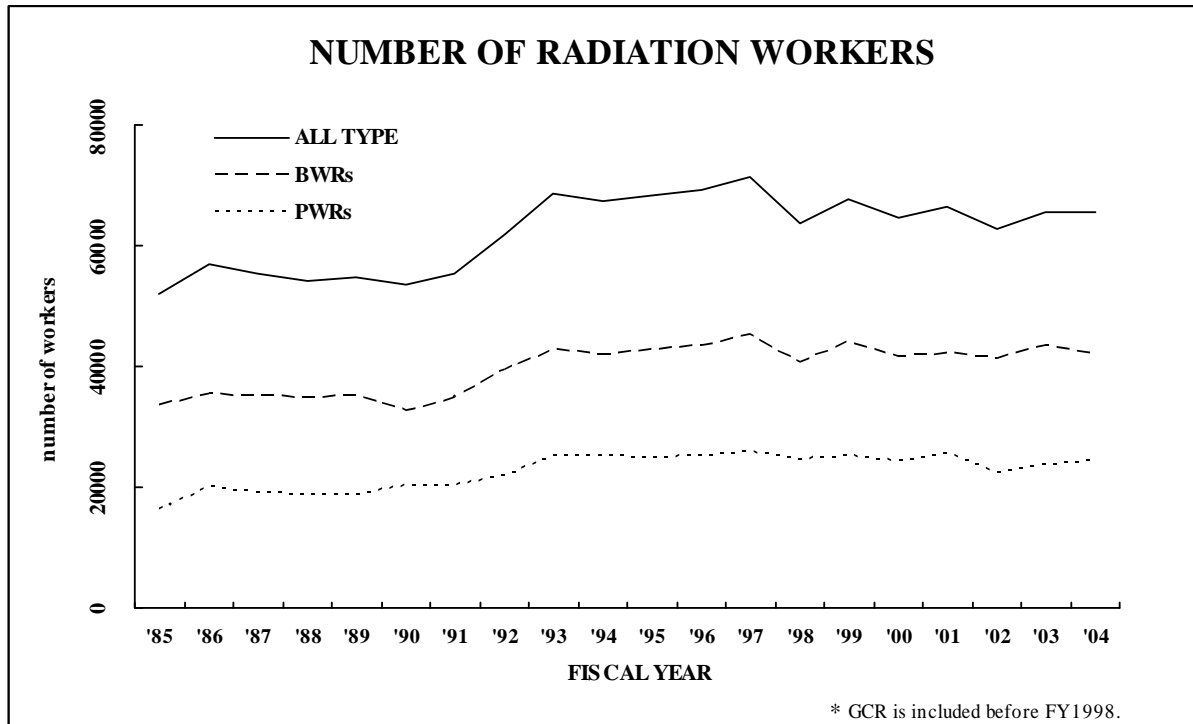


Figure 6

