



2002

## ISOE INFORMATION SHEET

### JAPANESE DOSIMETRIC RESULTS: FY 2001 DATA AND TRENDS

#### ISOE Asian Technical Center - NUPEC Information Sheet No. 17

This ISOE information sheet presents the Japanese occupational exposure results in FY 2001 and trends from FY 1975 to FY 2001 for commercial reactors in operation which include PWRs, BWRs and a GCR.\*

Tables 1 and 2 give the comparison of the total collective doses and the average collective doses per reactor in FY 2001 with FY 2000, respectively for PWRs, BWRs and LWRs.

The FY 2001 has resulted in the decrease of the total collective dose for BWRs and increase of total collective dose for PWRs.

The decreases in collective dose of BWRs for FY 2001 was due to the large modification works, such as shroud replacement etc, and increase in collective dose of PWRs for FY2001 was due to Steam Generator replacement and maintenance works of Steam Generator.

Figures 1 to 6 show the trends from FY 1975 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 2000 and FY 2001**

Reactor Type	Total Collective Dose (in person-Sv)	
	FY 2000	FY 2001
PWRs	23.76	29.21
BWRs	54.79	48.82
Total	78.55	78.03

**Table 2. Average collective dose per reactor in FY 2000 and FY 2001**

Reactor Type	Average Collective Dose (in person-Sv)	
	FY 2000	FY 2001
PWRs	1.03	1.27
BWRs	1.96	1.68
Total	1.54	1.50

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

Figure 1

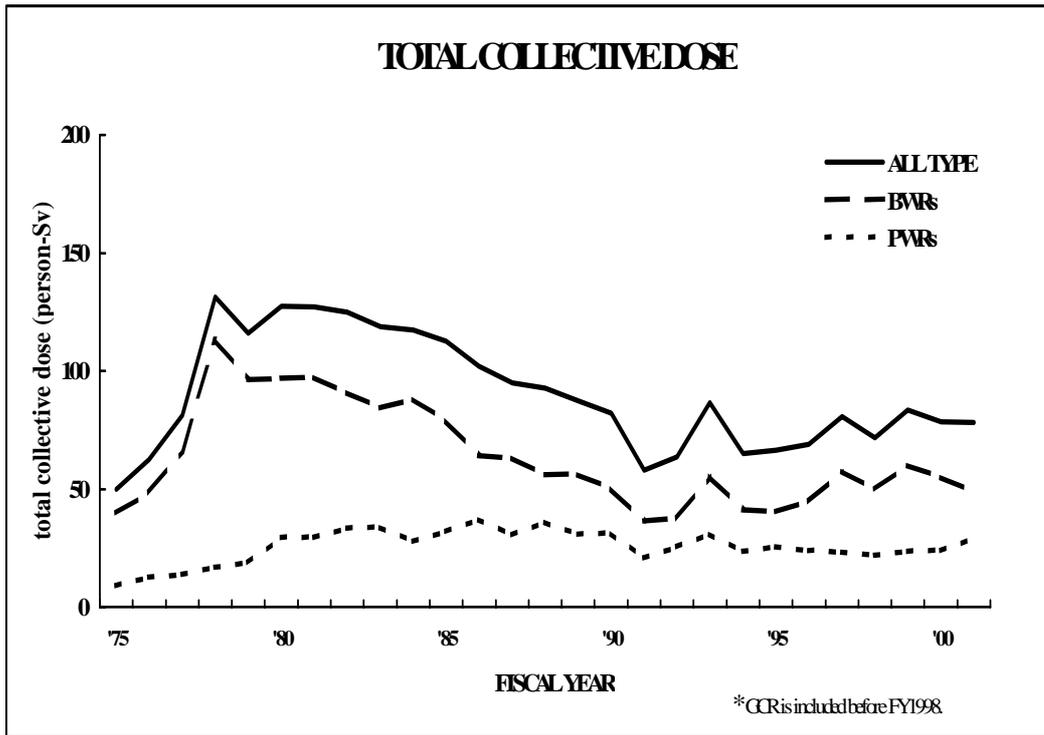


Figure 2

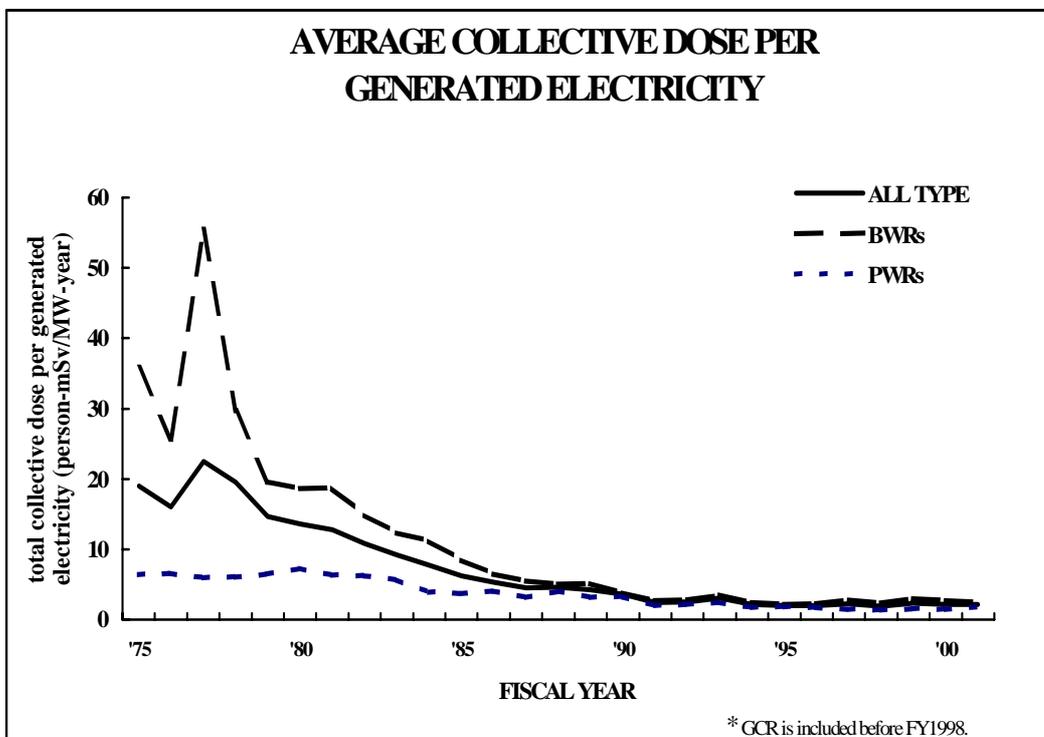


Figure 3

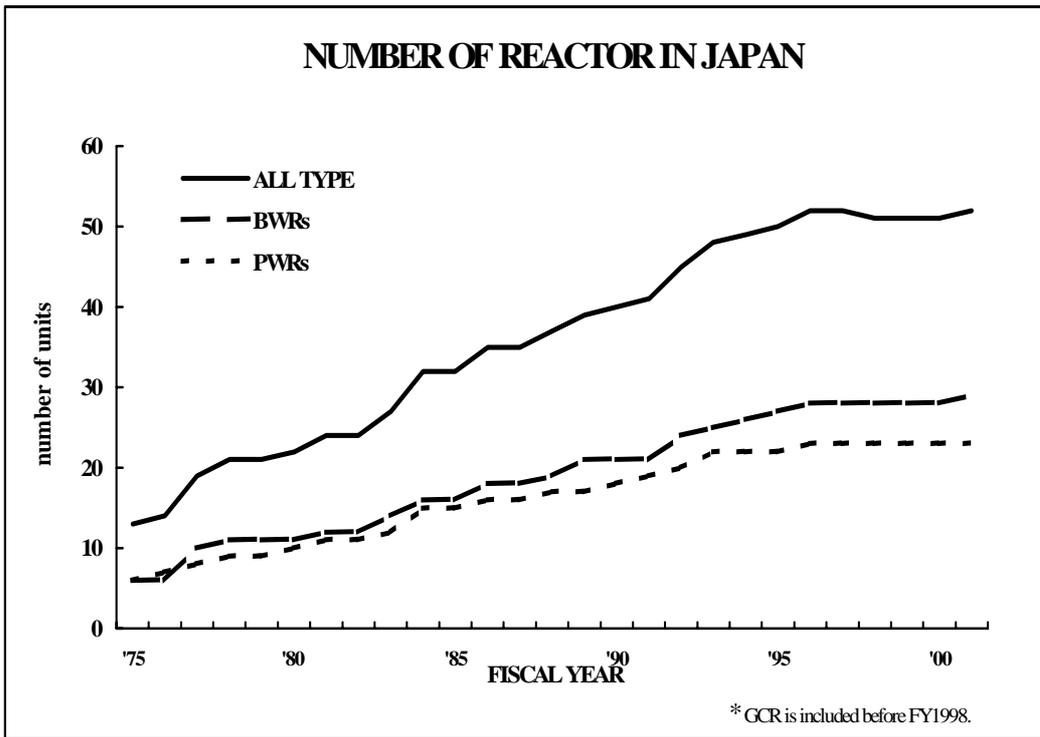


Figure 4

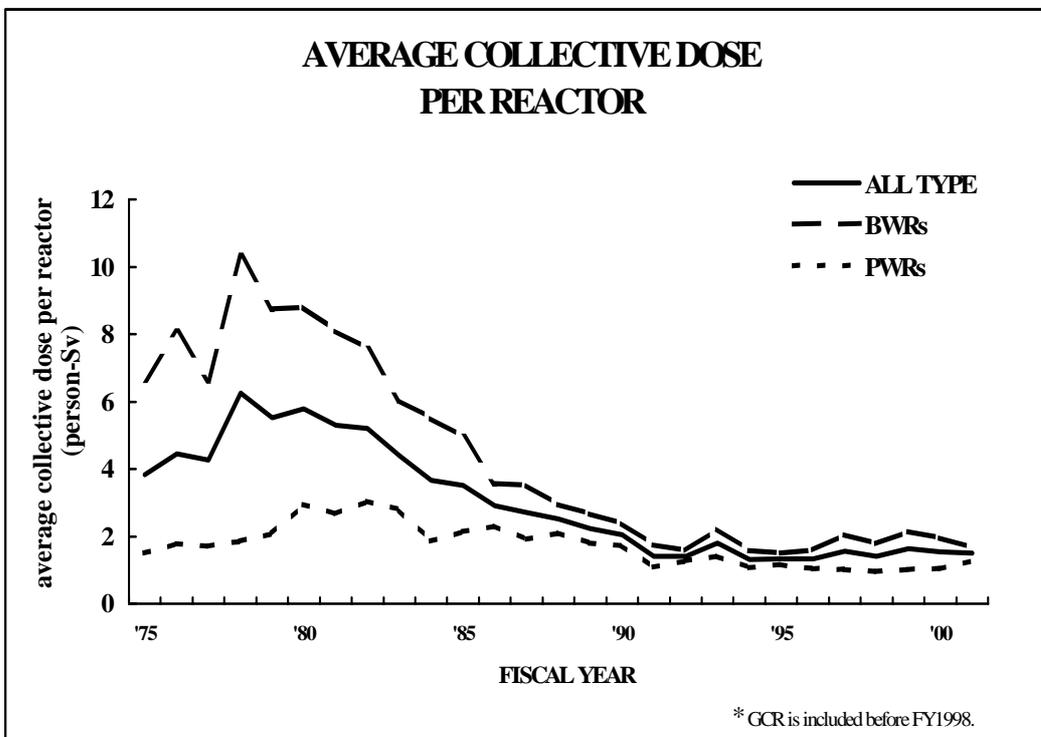


Figure 5

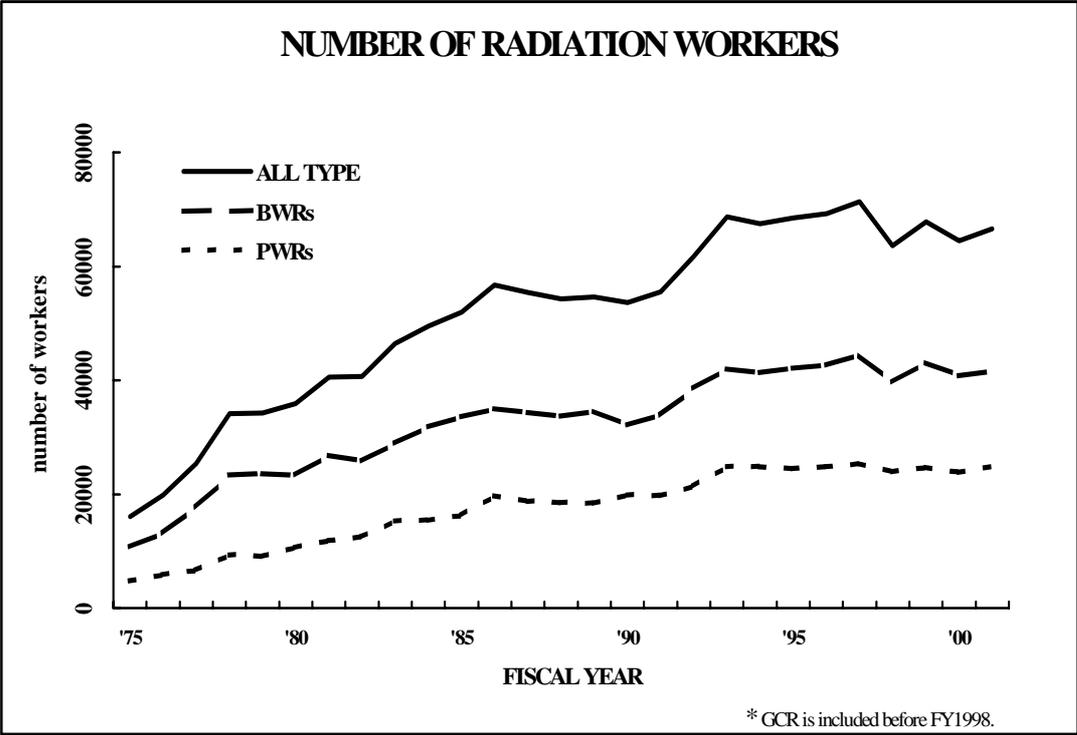


Figure 6

