

September, 1997

ISOE INFORMATION SHEET

JAPANESE DOSIMETRIC RESULTS: FY 1996 DATA

ISOE Asian Technical Center - NUPEC Information Sheet No. 5

This ISOE information sheet presents the Japanese occupational exposure results in FY 1996 and trends from FY 1975 to FY 1996 for commercial reactors in operation; PWRs, BWRs and GCR.

Tables 1 and 2 give the total collective dose and the average collective dose per reactor for PWRs, BWRs and all commercial reactors in FY 1995 and FY 1996 respectively. The total collective dose for PWRs has decreased a little in FY 1996, and the trend of the dosimetric results has maintained stability in recent years. There was a little increase for BWRs mainly due to the increase of the amount of improvement work during periodical inspection.

The average collective dose in FY 1996 has been the same as the previous year, though there has been a little variation for PWRs and BWRs respectively.

Figures 1 to 5 show the total collective dose and the average collective dose per generated electricity or per reactor, etc. in Japan from FY 1975 to FY 1996. Figure 6 shows the average individual dose, and the good results have been maintained in recent years.

Table 1. Total collective dose in FY 1995 and FY 1996

Reactor Type	Total Collective Dose (in person-Sv)	
	FY 1995	FY 1996
PWRs	25.52	23.82
BWRs	40.41	44.79
Commercial Reactors	66.32	68.99

* Commercial Reactors: PWR, BWR and GCR

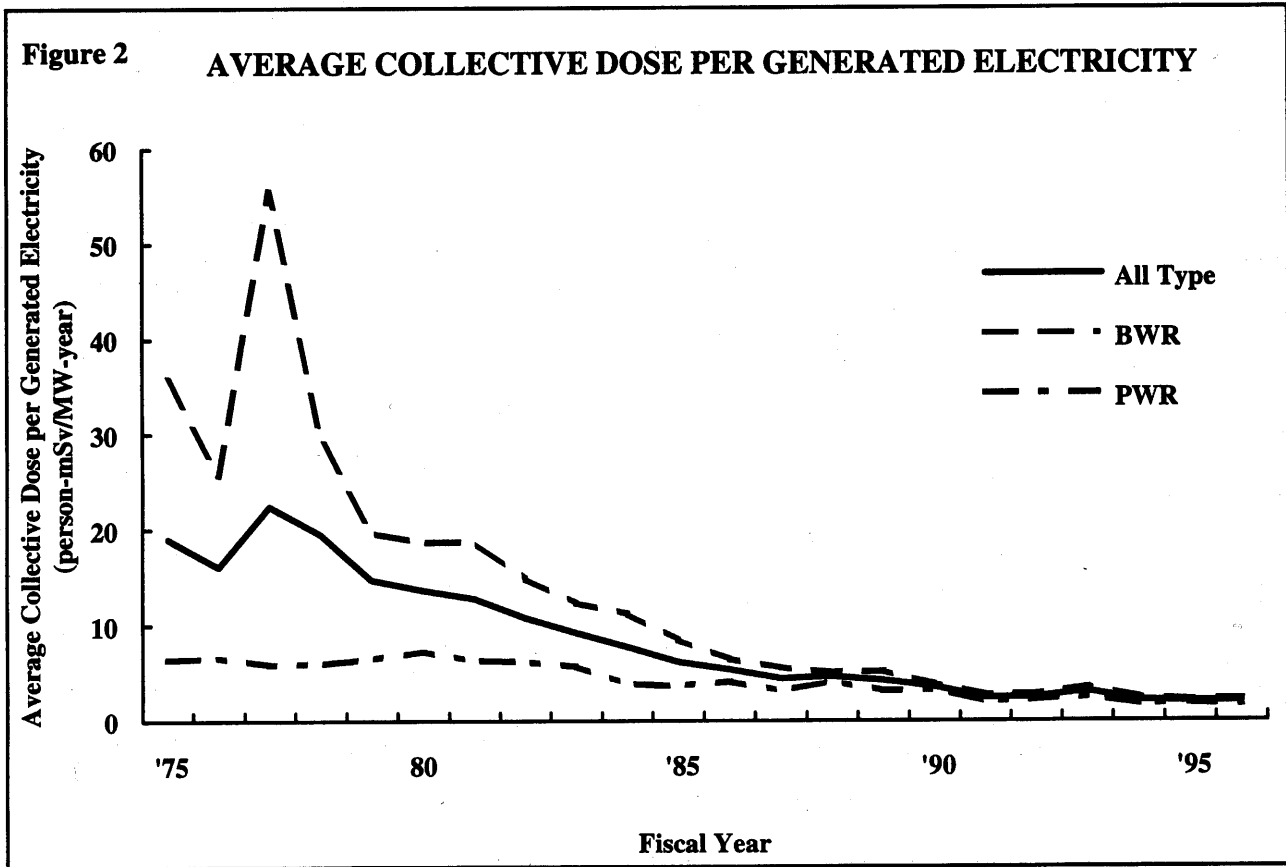
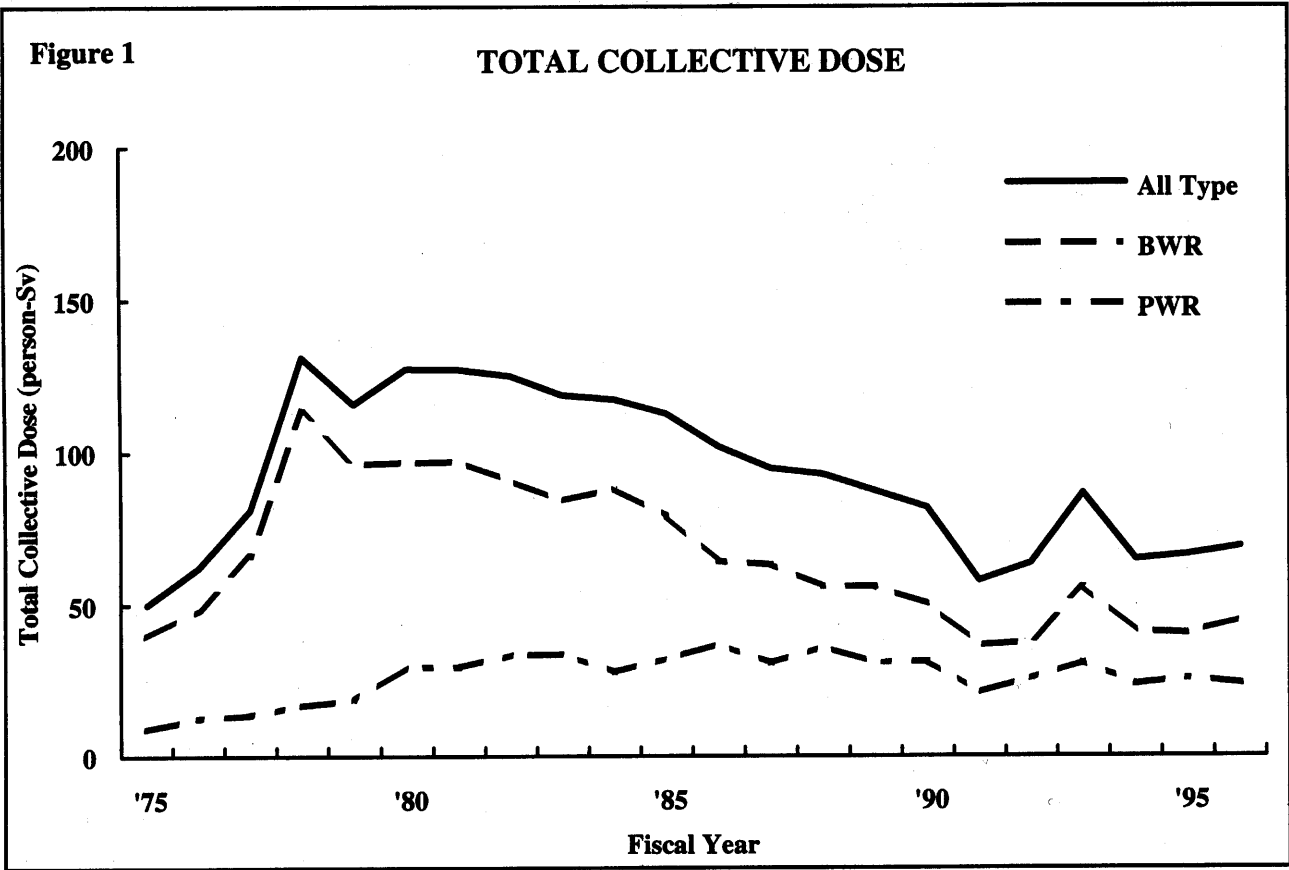
* Includes a plant that is under test operation.

Table 2. Average collective dose per reactor in FY 1995 and FY 1996

Reactor Type	Average Collective Dose (in person-Sv)	
	FY 1995	FY 1996
PWRs	1.16	1.04
BWRs	1.50	1.60
Commercial Reactors	1.33	1.33

* Commercial Reactors: PWR, BWR and GCR

* Includes a plant that is under test operation.



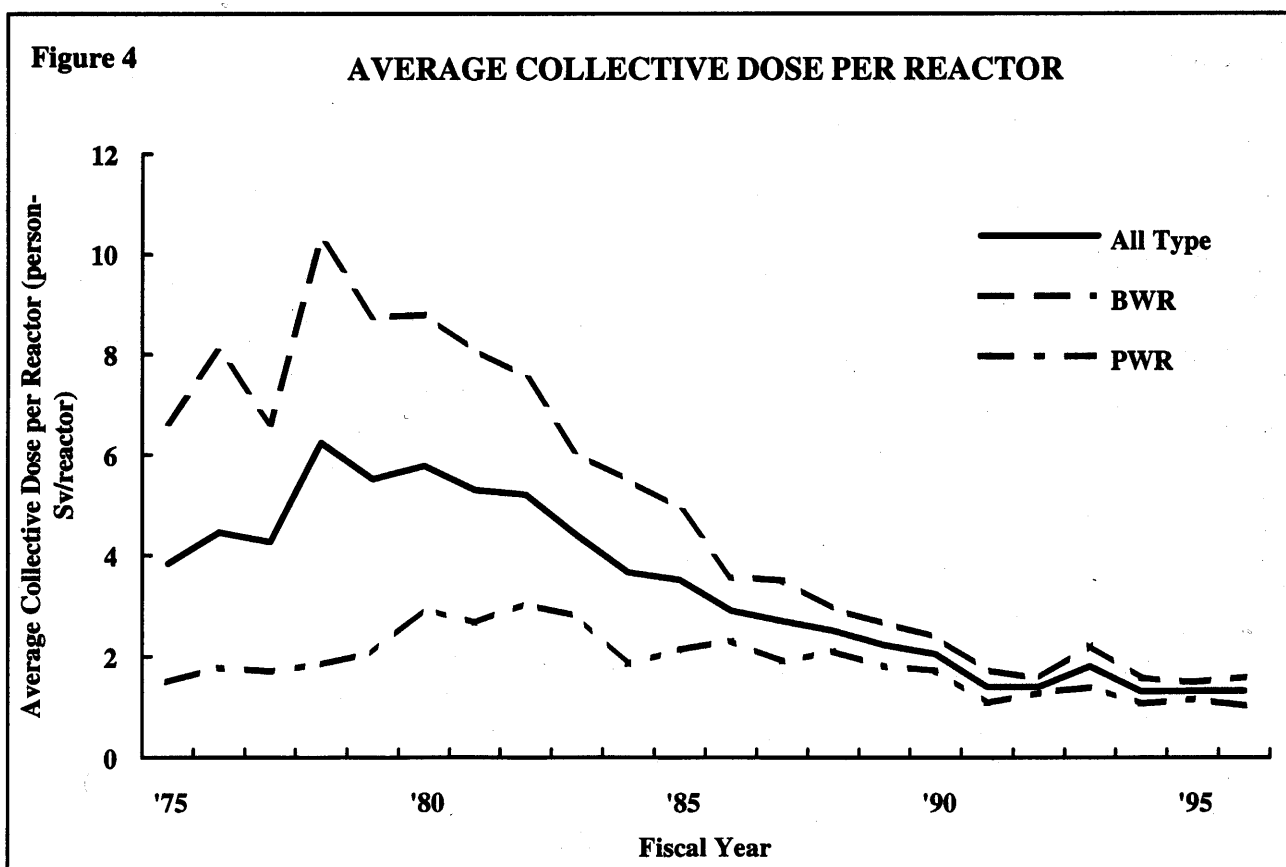
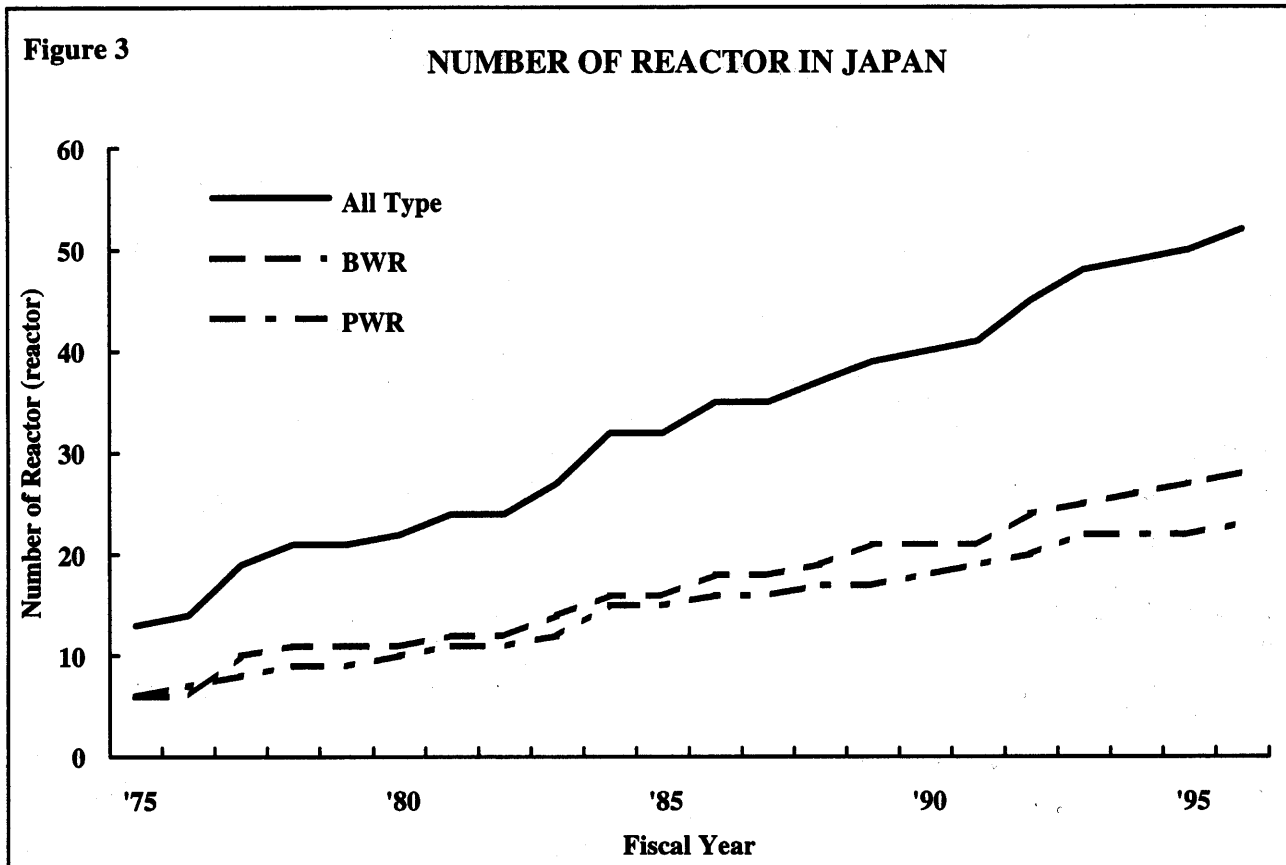


Figure 5

NUMBER OF RADIATION WORKERS

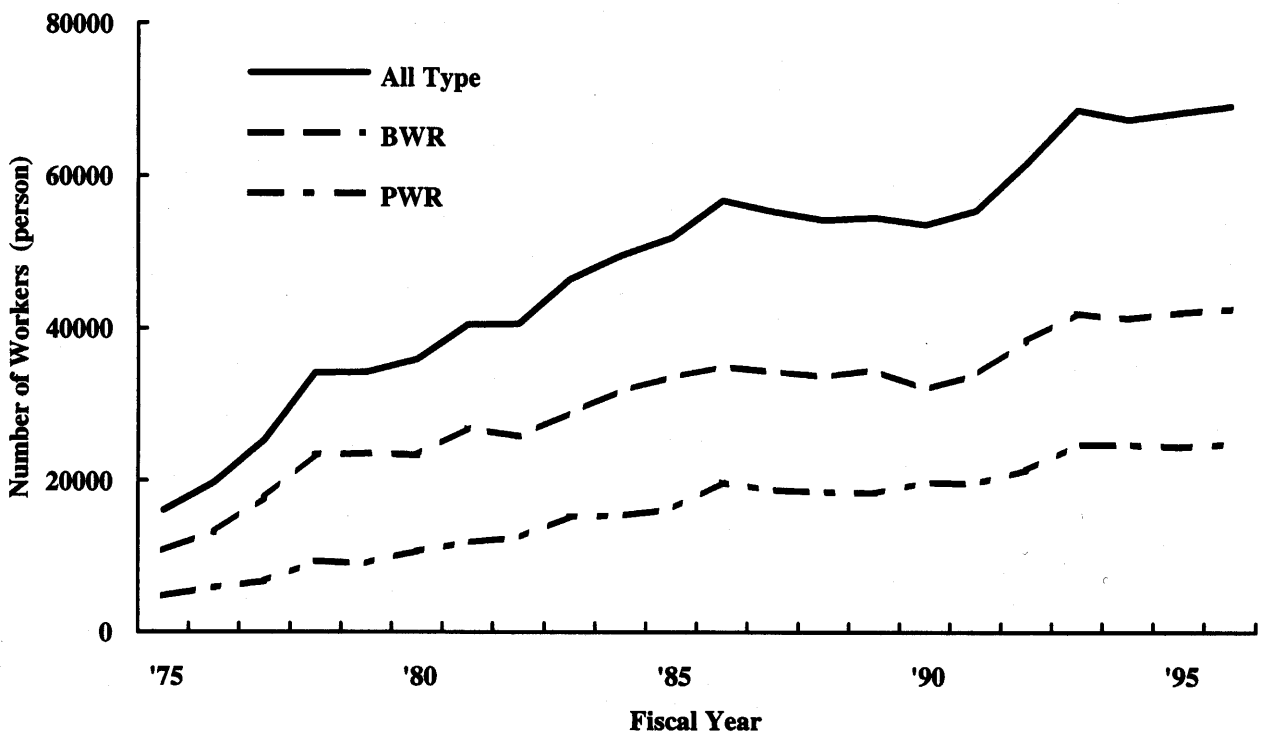


Figure 6

AVERAGE INDIVIDUAL DOSE

