



October, 1998

## ISOE INFORMATION SHEET

### JAPANESE OCCUPATIONAL EXPOSURE DURING PERIODICAL INSPECTION at LWRs ENDED in FY 1997

#### ISOE Asian Technical Center - NUPEC Information Sheet No. 8

This ISOE information sheet presents the Japanese occupational exposure results during the periodical inspection at LWRs ended in FY 1997, and trends for several years by reactor type or by Japanese plant type (Conventional type/Improved type).

Tables 1 and 2 give the average collective dose per reactor during the periodical inspection for PWRs and BWRs ended in FY 1996 and FY 1997 respectively.

The FY 1997 has been marked by the decrease in dosimetric results on the whole. A change of these decrease or increase in recent years depends on the amount of improvement work.

Figures 1 to 4 show the average collective dose per reactor by reactor type and by plant type (Conventional/Improved type) from FY 1988 to FY 1997. Figures 5 and 6 show the correlation between the collective dose and the length of the periodical inspection ended in FY 1990 to FY 1997.

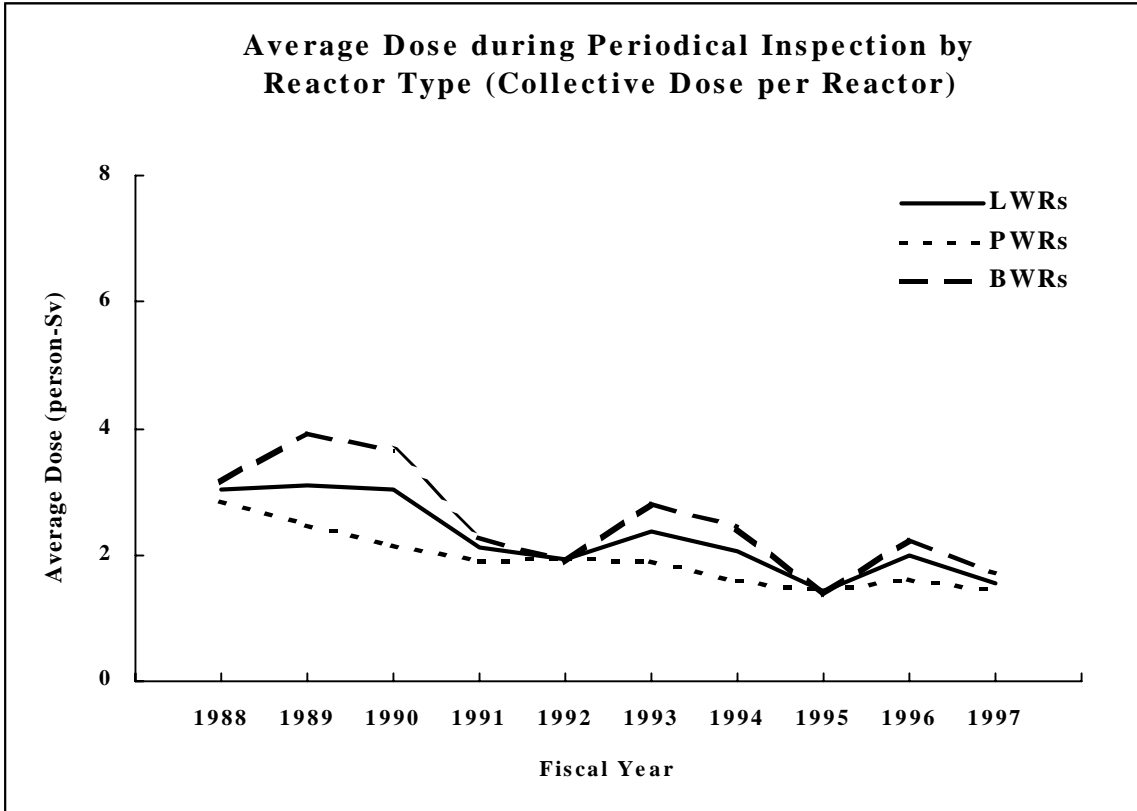
**Table 1. Average dose results during periodical inspection ended in FY 1996 and FY 1997: PWRs**

Plant type	Average coll. dose (in person-Sv)	
	FY 1996	FY 1997
Conventional type	2.53	1.99
Improved type	0.79	0.71
Total PWR	1.61	1.42

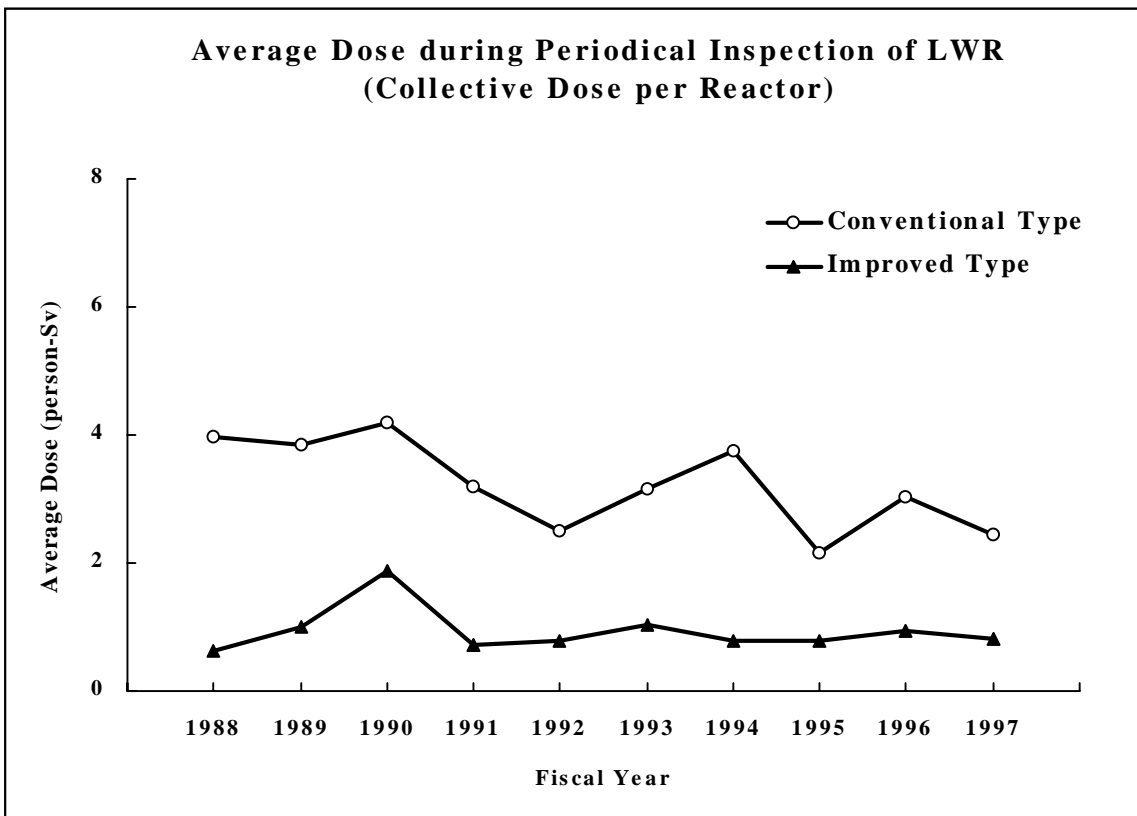
**Table 2. Average dose results during periodical inspection ended in FY 1996 and FY 1997: BWRs**

Plant type	Average coll. Dose (in person-Sv)	
	FY 1996	FY 1997
Conventional type	3.34	3.18
Improved type	1.05	0.91
Total BWR	2.25	1.71

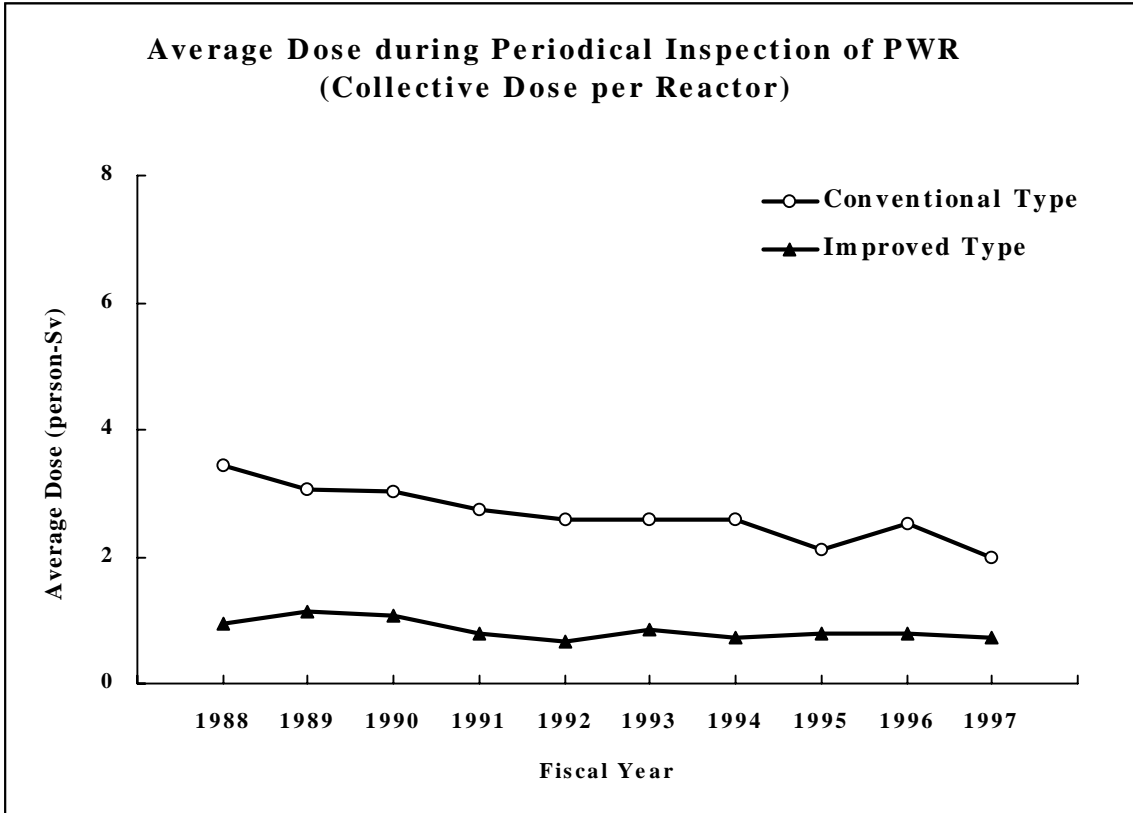
**Figure 1**



**Figure 2**



**Figure 3**



**Figure 4**

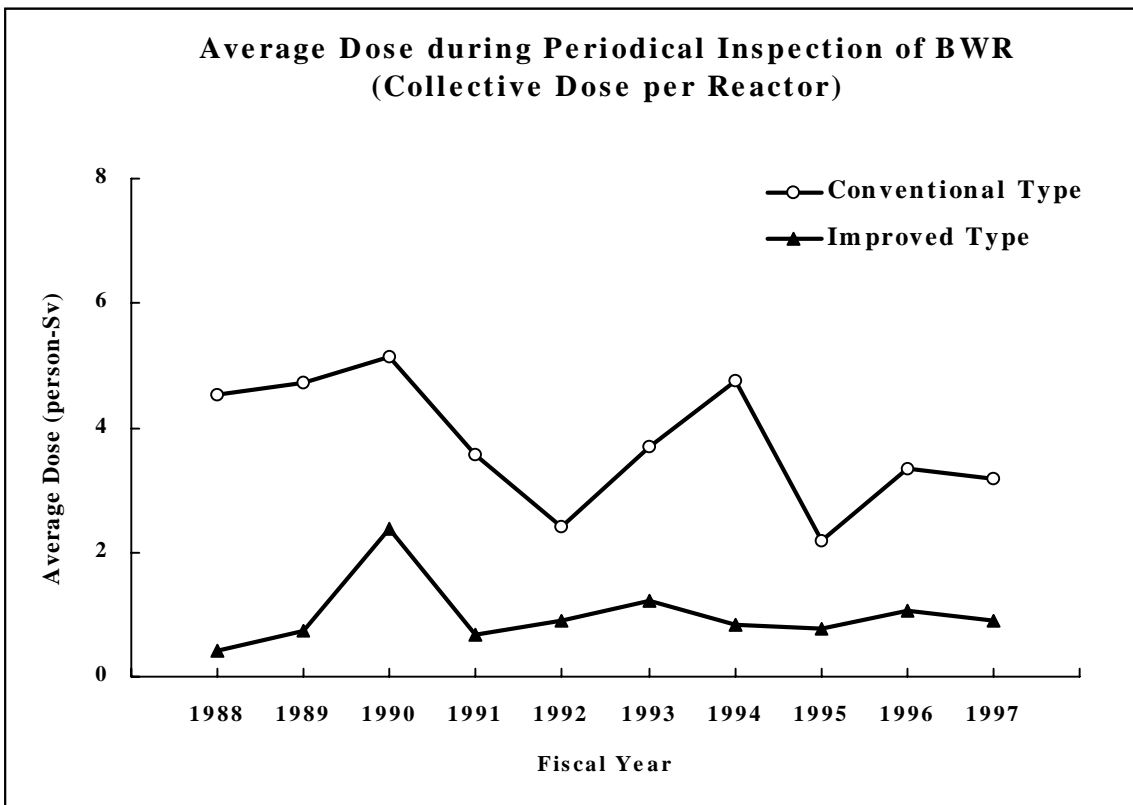


Figure 5

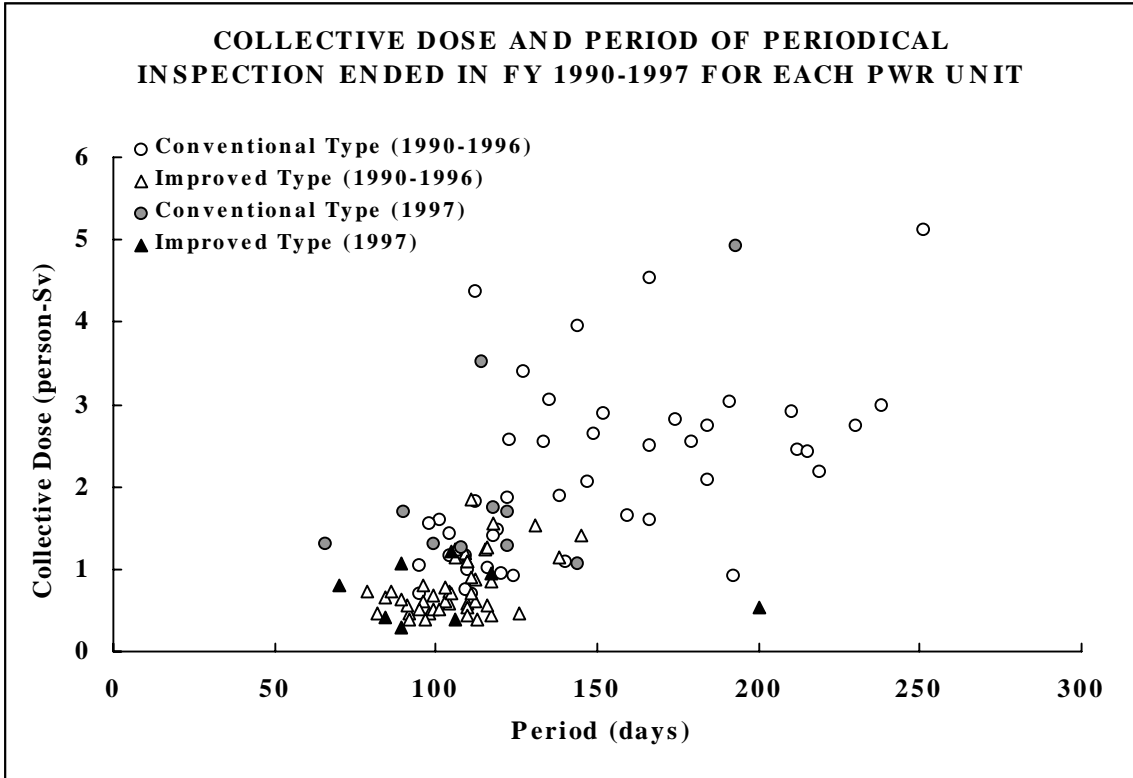


Figure 6

