

**ISOE INFORMATION SHEET**

**FIRST EUROPEAN  
DOSIMETRIC RESULTS:  
1993 DATA**

**ISOE European Technical Center - CEPN Information Sheet No. 3**

This ISOE information sheet presents the European occupational exposure results for 1993, and trends from 1985 to 1993, for reactors in operation.

Collected using the ASPIC Software, 1993 data are being provided in advance of the entire updated data base to give Participating Utilities quick access to the raw data. No analysis or interpretation have been performed.

Tables 1 and 2 give the average collective dose per reactor in each country in 1992 and 1993 for PWRs and BWRs respectively.

Figures 1 to 4 show the annual average collective dose per reactor by country, and Figure 5 the average collective dose by reactor type, in the European countries from 1985 to 1993.

It is noticeable that in 1993, there was an improvement in dosimetric results in most countries.

All participating utilities will, of course, be provided with the global data base as soon as non-european data become available.

The ISOE annual report, which will be issued near the end of 1994, will include data analysis.

**Table 1. PWRs average collective dose per reactor and country in 1992 - 1993**

Country	Average coll. dose (in manSv)	
	1992	1993
Belgium	1,21	1,35
Germany	1,98	1,45
Finland	1,64	1,08
France	2,36	2,04
Spain	2,02	1,37
Switzerland	1,53	1,56
Sweden	1,12	0,85
The Netherlands	1,25	1,17
Total PWR	2,08	1,75

**Table 2. BWRs average collective dose per reactor and country in 1992 - 1993**

Country	Average coll. dose (in manSv)	
	1992	1993
Germany	2,07	2,44
Finland	1,20	0,80
Spain	4,07	2,79
Switzerland	1,97	1,71
Sweden	1,77	2,62
The Netherlands	0,86	1,13
Total BWR	1,99	2,28

### EVOLUTION OF PWRs AVERAGE COLLECTIVE DOSE PER REACTOR AND COUNTRY (1985-1993)

Figure 1.

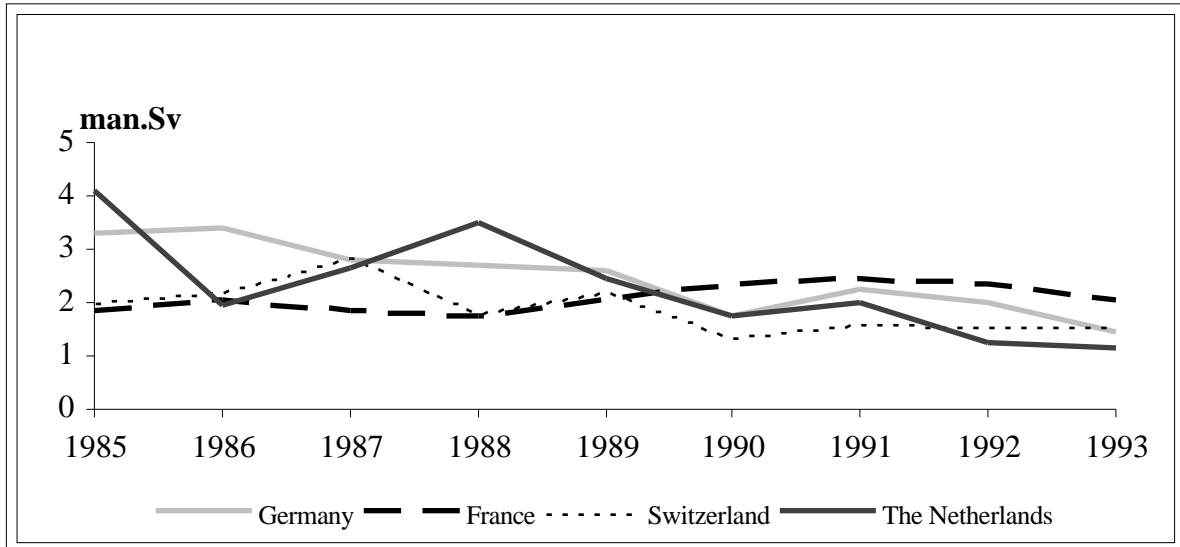
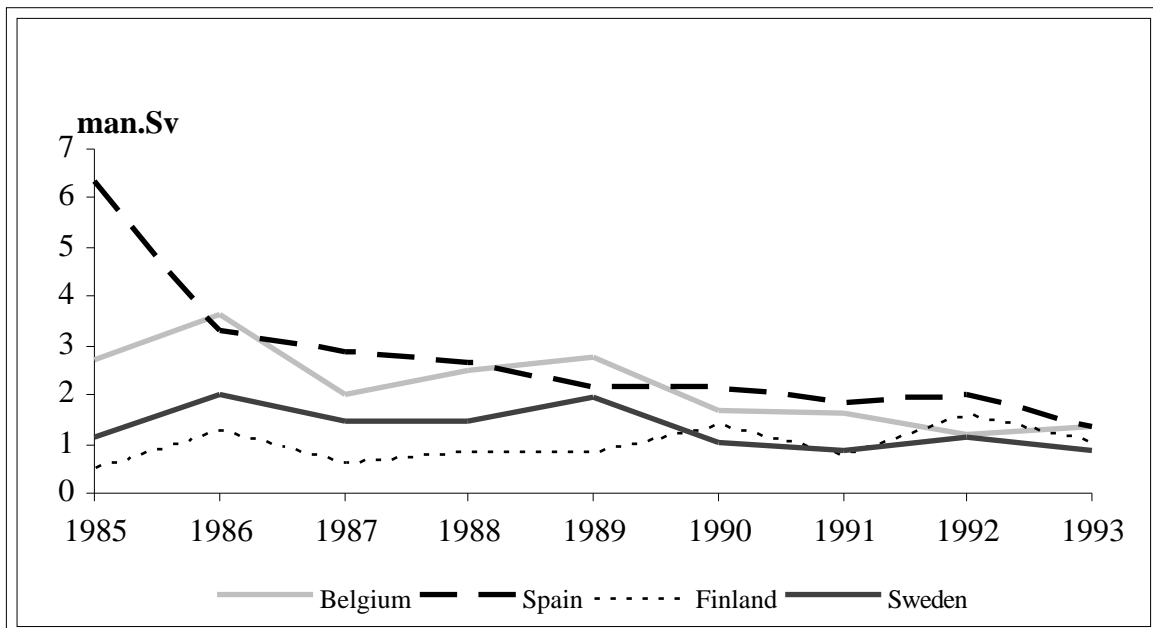


Figure 2.



**EVOLUTION OF BWRs AVERAGE COLLECTIVE DOSE  
PER REACTOR AND COUNTRY  
(1985-1993)**

Figure 3.

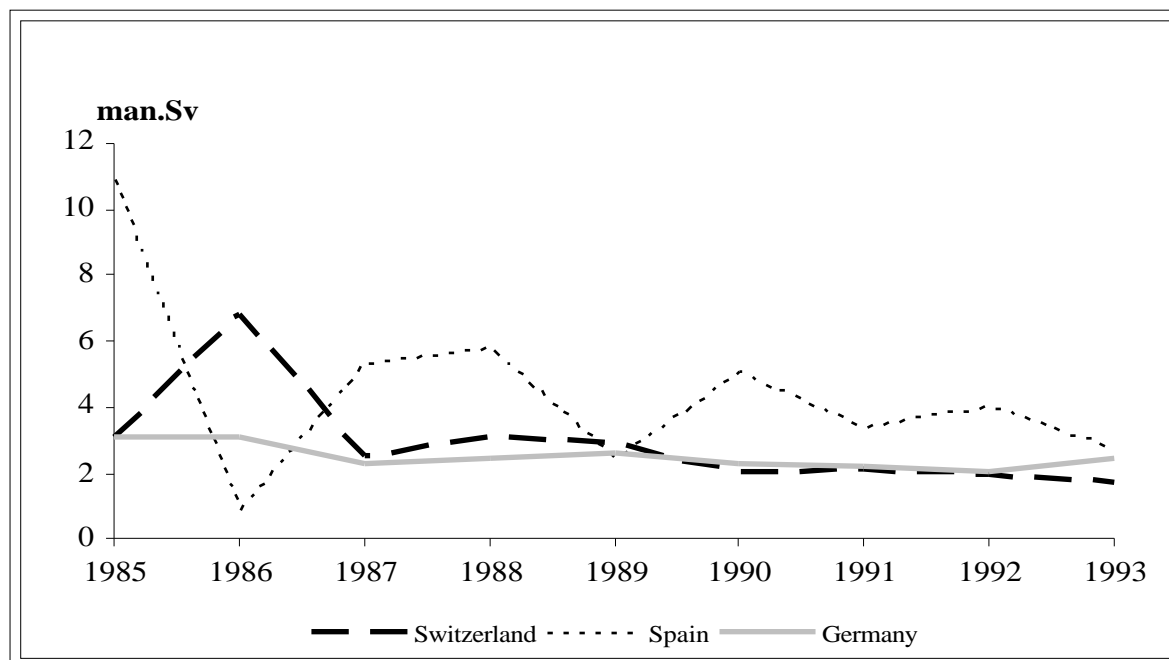


Figure 4.

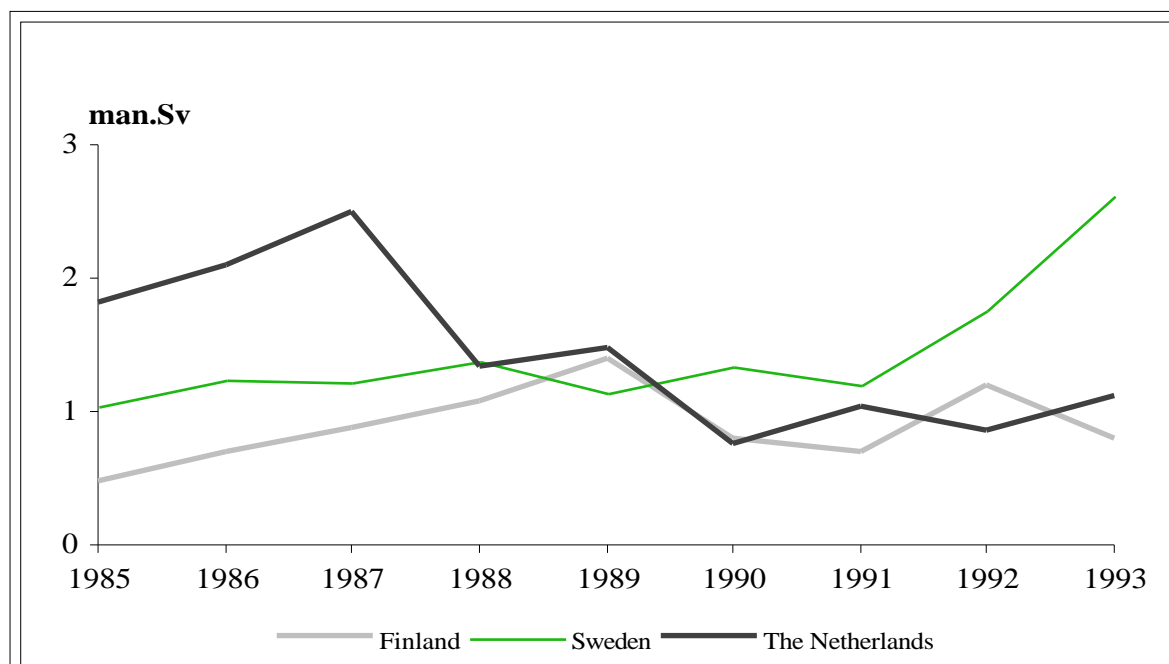


Figure 5.

