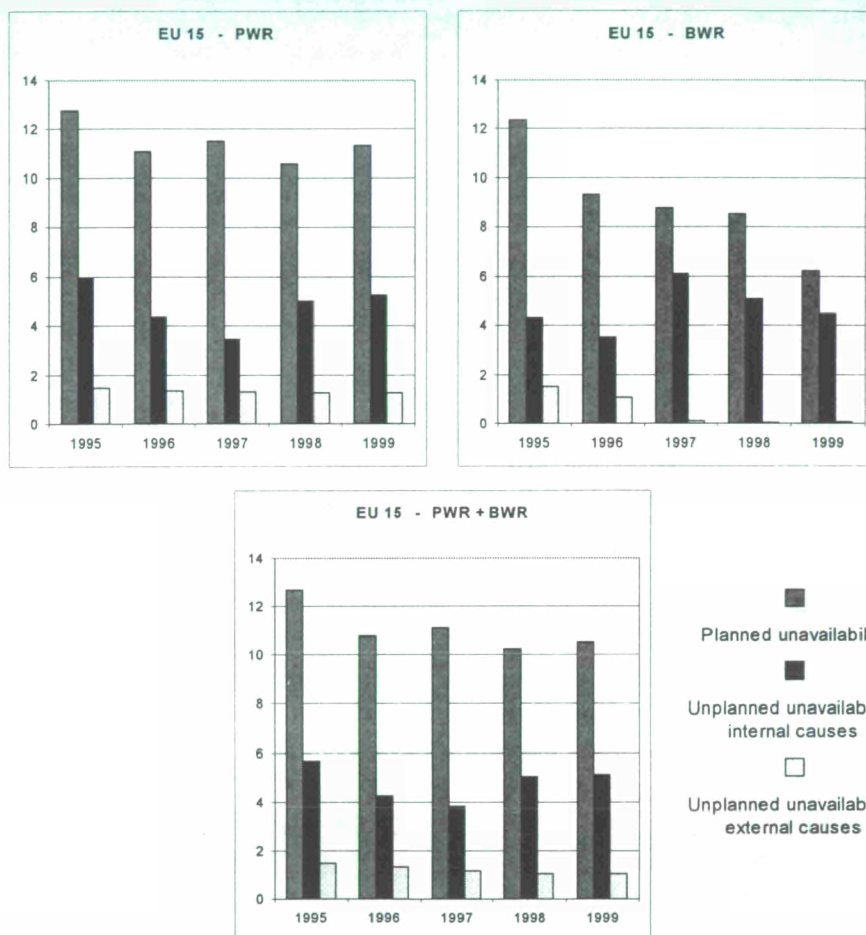


# Unavailability of nuclear power stations, 1995-1999

Jean-Marie LEFEBVRE



Average unavailability (1) factors in the European Union's PWR and BWR power stations (2) have been fairly stable over the past few years.

	Number of power stations	Installed capacity, MW	Year	Planned unavailability (%)	Unplanned unavailability, internal causes (%)	Unplanned unavailability, external causes (%)	Total unavailability (%)
PWR	88	94 484	1995	12.76	5.93	1.46	20.15
	88	94 484	1996	11.11	4.36	1.36	16.83
	87	94 426	1997	11.53	3.45	1.33	16.31
	87	94 426	1998	10.59	4.99	1.26	16.84
	87	94 426	1999	11.35	5.24	1.25	17.84
BWR	17	16 221	1995	12.38	4.33	1.50	18.21
	17	16 221	1996	9.32	3.54	1.06	13.92
	14	13 009	1997	8.76	6.11	0.13	15.00
	17	16 221	1998	8.52	5.08	0.02	13.62
	17	16 221	1999	6.22	4.46	0.07	10.75
EU-15 total	105	110 705	1995	12.70	5.67	1.47	19.84
	105	110 705	1996	10.82	4.23	1.31	16.36
	101	107 435	1997	11.14	3.82	1.16	16.12
	104	110 647	1998	10.25	5.01	1.06	16.32
	104	110 647	1999	10.51	5.11	1.06	16.68

(1) Unavailability is, in a certain period, the ratio of the mean unavailable capacity to the maximum capacity.

(2) PWR: Pressurized Water Reactor, BWR: Boiling Water Reactor.

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Manuscript completed on: 20-07-2000  
ISSN 1562-3106  
Catalogue number: KS-NQ-00-014-EN-C  
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